Everything else.

CAR • MARINE • POWERSPORTS • PRODUCT INFORMATION CENTER

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SKU#97166 04-2020 Printed in U.S.A.

JL Audio's commitment to research has resulted in 35 U.S. Patents granted for loudspeaker and electronic technologies, covering 26 inventions related to loudspeakers and audio electronics. Most of these patented technologies are already in use within JL Audio's product lines and/or licensed by other companies.

At a time when most audio products are built overseas, JL Audio's commitment to in-house loudspeaker production continues to grow. All W7AE, W6v3, TW5v2, TW3, TW1, W3v3 subwoofers and most of our C7 products are built in our South Florida factory. We also build our marine loudspeakers, home subwoofers, Stealthbox® products and the vast majority of our enclosed subwoofer systems in Florida.

To pull this off in a competitive world market, our production engineering team has created one of the world's most advanced loudspeaker assembly facilities. This commitment to state-of-the-art technology allows our highly skilled workforce to efficiently build JL Audio products to extremely high quality standards.

While it is also feasible to build high quality products overseas (and we do build some of our products in Europe and Asia), it can be challenging when the product's technology is innovative or complex. Since most of our premium loudspeakers incorporate proprietary, patented technologies requiring specific assembly techniques, we prefer that the people who design them have close access to the people manufacturing them.

I think you will see JL Audio's total commitment to performance and quality in every detail of our products, but most importantly, you will hear it every time you listen to them.

Lucio Proni - CEO and Chief Engineer

A commitment to great audio.

BUILT IN USA • WITH GLOBAL COMPONENTS •


FiX™
OEM Integration DSP.
Turn OEM challenges into aftermarket dream systems!

FiX™ Processors

Factory head-units have evolved into fully integrated entertainment hubs, typically interconnected with supplementary vehicle controls, safety system displays and other critical vehicle functions. The days of "replacing the radio" are long-gone, and instead, we are required to work with the vehicle's source unit. We recognized this trend emerging over a decade ago, and we introduced the world's first auto-correcting DSP OEM interface, the Cleansweep CL441dsp (in 2004).

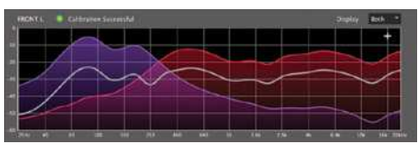
Since then, our commitment to creating advanced OEM integration products has only intensified. Today's JL Audio FiX™ line of OEM Integration DSPs is incredibly advanced, and fully armed to deal with the challenges presented by modern factory audio systems, without interfering with vehicle functionality, safety or reliability.

Equipped with a powerful 24-bit DSP, with proprietary programming and correction algorithms, a FiX™ DSP combines the functions of a powerful audio analyzer, line output converter, digital delay, signal-summing preamplifier and multiple 30-band equalizers. These functional blocks are programmed to measure multiple factory audio signals, level match them, correct any delay, sum them, and then equalize them for flat response. All of this happens automatically, with the press of a button.

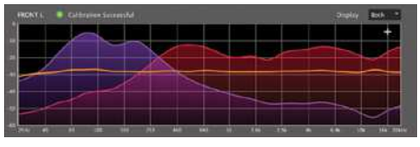
By connecting a PC running our TüN™ Software, the FiX™ processors also offer 10-bands per output channel of user-adjustable graphic equalization, plus a full suite of signal analysis tools that help confirm and troubleshoot the integration process.

FiX™ it right the first time, and great audio will follow.

TüN™ SOFTWARE



FiX automatically level matches and sums factory signals to arrive at a full-range response.



FiX then applies a powerful automatic equalizer to flatten the response of the summed signal.

Digital Remote Controller Options:
Add handheld functionality, all within easy reach of the driver.

DRC-100
- Master Volume Control
- Handsfree Optimization
- LED Status Reporting

DRC-205 (pictured)
- Master Volume Control
- Subwoofer Level Control (FiX™ 86 only)
- Handsfree Optimization
- LED Status Reporting

FiX™ Models

FiX™ 82: 8-ch. Inputs / 2-ch. Stereo RCA Outputs / 1 Digital Optical Output

FiX™ 86: 8-ch. Inputs / 4-ch. Stereo RCA Outputs / 2 Subwoofer Outputs

Automatic Time Correction and Digital EQ

- FiX™ is the first DSP that automatically performs time delay corrections prior to signal summing and EQ correction. This is essential for achieving proper summing and equalization of the signals.
- Powerful DSP with 24 bit / 48 kHz resolution performs all processing in approximately 30 seconds. No special equipment is needed! Calibration CD is included.

Ultra-Versatile Differential-Balanced Inputs

- Accepts up to 8 channels of OEM analog audio signals, from low-voltage, line-level to high-power, amplified speaker-level outputs (up to 30V RMS).
- **FiX™ 82:** Sums 2-way, 3-way or 4-way factory outputs into two full-range stereo signals, with automatic level matching.
- **FiX™ 86:** Retain your factory fader functionality with channel specific inputs:
  Front: Full-range, 2-way or 3-way
  Rear: Full-range or 2-way

Flexible Output Configuration by Model

- **FiX™ 82:** Choose from a stereo pair of 4-volt line-level RCA jacks, or a digital optical (Toslink) output, supporting PCM audio (S/PDIF) 24bit / 48 kHz.
- **FiX™ 86:** Separate, 4 VRMS line-level RCA outputs for Front and Rear (flat, full-range, OEM fader-controlled outputs), plus Subwoofer (flat, full-range, non-fading, front + rear summed outputs).

Powerful Results from a Single Button Press

- Time-delayed factory audio signals are automatically synchronized.
- 2-way, 3-way or 4-way factory outputs are summed into flat, full-range stereo signals, with automatic level matching.
- Dual 1/3 octave equalizers automatically correct the frequency response of the delay-corrected and summed factory signal.

Selectable Activation Options, plus a Turn-On Output

- FiX™ can be activated with a conventional 12-volt trigger, or via automatic signal-sensing or DC-offset sensing.
- A dedicated remote turn-on output provides voltage to activate your aftermarket amplifiers or signal processors.


TwK™
System Tuning DSP.
Unleash the power of DSP to tune your system like never before!

TwK™ Processors

Armed with a 24-bit digital signal processor, TwK™ System Tuning DSPs deliver exceptional system tuning functionality, precision and flexibility.

Both TwK™ models feature eight channels of crystal-clear, analog audio outputs. An unprocessed, optical (Toslink) digital output is also included, so you can expand a system with additional TwK™ DSPs, if needed. A DRC-200 Digital Remote Controller is included to add convenient control and status reporting capabilities from the driver's seat.

To control the tuning horsepower of the TwK™ DSP, simply connect a PC via USB, running our TüN™ Software. TüN's easy-to-use setup screens deliver simple, menu-based selections to create new projects quickly, with multiple input and output configurations. Once set up, you have full access to a wide selection of EQ, Crossover, Delay and Level adjustments to precisely achieve your desired audio results.

Whether you're an audio beginner, passionate enthusiast or dedicated audiophile, TwK™ DSPs put an amazing set of tuning super-tools right in your hands!

TüN™ SOFTWARE

Test drive TüN™ for free and see it all on your PC. (FiX™ & TwK™ hardware is not required to experience the full TüN™ interface in simulation mode.)

Convenient System Command and Control from the Driver's Seat

Dual-rotary, DRC-200 Digital Remote Controller (included) adds handheld functionality, all within easy reach of the driver. Configurable options include:

- Master Volume Control
- Secondary Level Control - set as a subwoofer, fader or zone level controller
- Push-Button Preset Toggle - advance through your personal collection of listening/tuning presets (up to six)
- LED Status Reporting - multi-color LED illuminates to indicate operating condition and selected preset

TwK™ Models

TwK™ 88: 8-ch. Stereo RCA Inputs / 2 Digital (Optical/ Toslink and Coaxial) Inputs / 8-ch. Stereo RCA Outputs / 1 Digital Optical (Toslink) Output

TwK™ D8: 1 Digital Optical (Toslink) Input / 8-ch. Stereo RCA Outputs / 1 Digital Optical (Toslink) Output

TüN™ DSP Control Software

- Simple and easy-to-use, PC based graphic interface
- Create and configure new projects quickly with menu-driven setup screens.
- Provides a wide selection of EQ, crossover, delay and level adjustments to precisely achieve desired audio results.

Outstanding Tuning Power for All System Types

- Remarkably adaptable signal processing capabilities, suitable for basic setups or for expert tuning of the most advanced system designs.

Flexible Input/Output Design with Powerful Mixing Tools

- Inputs:
  TwK™ 88: 8 differential-balanced, line-level RCA jacks (up to 7.1 RMS), plus separate digital coaxial and optical (Toslink) inputs - supports PCM audio (S/PDIF) 24bit / 48 kHz
  TwK™ D8: 1 digital optical (Toslink) input - supports PCM audio (S/PDIF) 24bit / 48 kHz
- Outputs:
  8 Analog, line-level RCA jacks, plus an unprocessed, optical (Toslink) digital output so that additional TwK™ DSPs can be added to a system.
- Flexible input mixer and router permits simple or complex system architectures, including special spatial effects for center and rear channels.
- A dedicated remote turn-on output provides voltage to activate your aftermarket amplifiers or signal processors.

Powerful Signal Processing Capabilities

- Eight powerful, 10-band full octave graphic or parametric EQs, assignable to each output, or able to be combined to multiple outputs.
- Fully variable, high-pass and low-pass filters for each channel, with selectable slopes from 6dB to 48dB/ octave in 6dB/octave increments.
- Configurable delay settings, with separate entries for speaker distance/offset control; expressed in time or distance units, fully linkable with other channels
- Individual output polarity controls, fully linkable with other channels
- Comprehensive level controls, fully linkable with other channels

LoC™

Line Output Converter.

The affordable, premium alternative to passive Line Output Converters.

LoC™ 22 Active Line Output Converter

The LoC™ 22 is purpose-built for applications requiring the attenuation of factory audio signals for connection to aftermarket amplifiers.

Equipped with a fully regulated, switching MOSFET power supply and an all-analog circuit design, the LoC™ 22 delivers flat frequency response, at any signal level (3 Hz – 32 kHz, +0, -1dB), without altering bass response at high levels, like many passive line output converters do.

Engineered to combat induced cable noise, the LoC™ 22 features a differential-balanced input architecture making it compatible with virtually any analog audio signal. Capable of accepting up to 40V RMS per channel (equivalent to 400W @ 4 ohms), the LoC™ 22 easily handles the most powerful factory amplifier outputs. An onboard dual-range input load switch allows compatibility with most factory amplifiers that employ impedance sensing to mute channels.

Ideal for full-range or low-frequency applications, the LoC™ 22 is outfitted with a pair of analog RCA-type, line-level output jacks (up to 8V RMS) to feed audio signals to your aftermarket system. Analog outputs are compatible with most types of aftermarket signal processors or amplifiers.

Setting output levels is super simple and easy, thanks to a specially calibrated, onboard clipping indicator that works with test tones or music. The LoC™ 22 offers two automatic turn-on methods (signal-sensing or DC-offset sensing) and provides a positive 12V turn-on output to activate aftermarket amplifiers or other downstream electronics.

Great audio starts with a clean signal!

Super-Tiny!
Fits just about anywhere!

Ultra-Clean, Analog Circuit Design

- Fully active, all analog circuit design by JL Audio Sr. Engineer, Bruce Macmillan.
- Flat frequency response from 3 Hz - 32kHz (+0, -1dB), at any signal level. (Will not alter bass response like many passive LOCs do at high levels.)
- Ideal for Full-Range or Low Frequency applications.

High-Voltage, Dual Load Impedance Inputs

- 2 channels of input, up to 40V RMS per ch. (400W at 4 ohms), via Euroblock connector
- Differential-balanced input architecture offers noise rejection and compatibility with most analog outputs from OEM source units and amplifiers.
- Dual range input load switch (20 kΩ/Normal, 60Ω/Low Z, thermally protected) for maximum compatibility with OEM amplifiers.

High-Voltage Line Outputs

- One stereo pair of line-level RCA output jacks (450 ohms output impedance)
- Adjustable Output Level: 1V - 8V RMS per ch.

Auto Turn-On Circuitry

- Two methods of activation: Signal-sensing or DC-offset sensing
- A dedicated remote turn-on output provides voltage to activate your aftermarket signal processors or amplifiers.

Super-Fast, Intuitive Setup

- A specially calibrated clipping indicator works with music or test tones to make output level setting simple & easy.

CL-RLC Remote Level Control

The CL-RLC is a fully active, remote level control preamplifier, designed for use as an audiophile-grade, full-range volume controller.

Equipped with differential-balanced, line-level inputs, the CL-RLC delivers up to 7.5V RMS of clean, unclipped output to feed an amplifier. A pair of buffered, pass-through outputs are also on-hand to pass signal to a satellite amplifier from the same input channels (without volume control).

Ultra-Versatile Volume Control
Crystal-clear level control for a variety of applications, including:
- Master Volume
- Subwoofer Level
- Center-Channel
- Rear Fill
- Zone Level
- AUX Source
- Virtually Any Line-Level Source...

VXi

TüN™
SOFTWARE

Simplify.

Reference-grade amplifiers with Integrated DSP.

VXi Amplifiers with Integrated DSP

Offering unprecedented tuning power and flexibility, VXi amplifiers combine JL Audio's second-generation NexD2™ high-speed switching technology with a powerful digital signal processor, all within a compact, beautiful package.

At the heart of each VXi amplifier is a triple-core AKM® DSP engine with a custom configuration. This powerful DSP not only enables powerful tuning capabilities, but it also helps to improve amplifier audio performance by acting as a master clock for the full-range audio amplifier sections. Further amplifier performance gains have been achieved via minimum loop area output designs, DirectFET® output devices and closely coupled output capacitor banks. The result is a new level of Class D amplifier performance, with outstanding efficiency, reliable power delivery and world-class audio quality.

The triple-core DSP engine has ample power to enable a full suite of powerful signal processing functions. These include powerful input switching, routing and mixing for a wide range of sources and configurations. Also included for each amplifier output channel and the analog pre-outs are high pass and low pass filters, delay, all-pass filter, polarity and output level trim. Optical, digital pre-outs feature the ability to EQ and level control the digital stream.

Instead of using traditional control knobs and switches, VXi amplifiers are easily configured from the driver's seat, using JL Audio's TüN™ software on a compatible computer, tablet or smartphone. Users can define up to six active preset tunings that can be called up at the push of a button using one of the compatible DRC controllers (sold separately).

Control, power and finesse rarely come together so neatly.

TüN™ SOFTWARE

What is TüN?

All VXi amplifier adjustments and DSP functionality are configured via a compatible external device (PC, Tablet or Smartphone), with the appropriate JL Audio TüN™ Software application installed.

TüN™ automatically recognizes what it is connected to, and allows you to make adjustments with a clear interface specifically tailored for that product.

TüN™ is available for download for free in a variety of applications, for computers and most handheld devices. For more information, visit: jlaudio.com/tun

Installed neatly under rear seat of a Ford F-150 SuperCrew. Shown with available SB-F-150-SCDBL/12TW3/BK Stealthbox®

VXi Models

Monoblock Subwoofer Amplifiers

VX600/1i: 1 x 400W @ 4 ohms; 1 x 600W @ 2 ohms

VX1000/1i: 1 x 600W @ 4 ohms; 1 x 1000W @ 2 ohms

Full-Range Multi-Channel Amplifiers

VX400/4i: 4 x 75W @ 4 ohms; 4 x 100W @ 2 ohms

VX600/2i: 2 x 180W @ 4 ohms; 2 x 300W @ 2 ohms

VX600/6i: 6 x 75W @ 4 ohms; 6 x 100W @ 2 ohms

VX800/8i: 8 x 75W @ 4 ohms; 8 x 100W @ 2 ohms

System Amplifiers

VX700/5i: 4 x 75W + 180W @ 4 ohms;
4 x 100W + 300 W @ 2 ohms

VX1000/5i: 4 x 75W + 180W @ 4 ohms;
4 x 100W + 600 W @ 2 ohms

Power ratings for VXi amplifiers based on the industry standard rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

Unprecedented, Onboard DSP Tuning Power!

- Powerful DSP permits optimizing each channel's timing, frequency response and output levels, for exceptional sound quality.
- TüN™ Software delivers fast and easy setup, at your fingertips. Make all adjustments with a clear interface. Free TüN™ software is available for computers and most handheld devices.

2nd-Gen NexD2™ Switching Amplifier Technology

- Advanced, high-speed switching technology delivers reference-grade power and efficiency.
- DSP-synchronized power supply and output channels produce world-class sound quality with very low noise and distortion.

Ultra-Versatile Analog and Digital Inputs

- Differential-Balanced Analog Inputs accept speaker level signals up to 16V RMS, including those from factory systems. Delivers outstanding noise rejection to prevent alternator whine and other noises.
- Optical Digital (Toslink) Inputs permit direct connection of S/PDIF digital sources, bypassing A/D converter. Accepts up to 24 bit/192 kHz input.
- Automatic turn-on options via signal-sensing or DC-offset sensing
- RCA Analog, or Digital Pre-Outs at 24 bit/96 kHz

JLid™ System Command and Control with Networking Capabilities

- Proprietary JL Audio protocol provides control interface and all communication for VXi amplifiers and optional JLid™ accessories, including:

  DRC-100 / DRC-205 (Digital Remote Controllers): Offers convenient DSP preset selection and level adjustments from the driver's seat.

  VXi-BTC Bluetooth® Communicator: Adds wireless connectivity for amplifier configuration from a compatible iOS® or Android® device.

  VXi-HUB JLid™ & Optical Audio Network Hub: Provides network connectivity for up to six VXi amplifiers, allowing full-system DRC control and preset selection. Up to two VXi-HUBs can be daisy-chained to control up to ten VXi amplifiers.

Remarkably compact & powerful.

Second-Generation NexD2™ switching technology delivers amazing power and fidelity in half the space of conventional amplifiers!
(VX400/4i pictured)

NexD2™ SWITCHING TECHNOLOGY

Three Ultra-Compact Sizes!

Top-flight power and tuning from super-small housings!

- **VX400/4i, VX600/1i:**
  2.12 in. x 6.62 in. x 9.02 in. (54 mm x 168 mm x 229 mm)
- **VX600/2i, VX600/6i, VX700/5i:**
  2.12 in. x 6.62 in. x 9.81 in. (54 mm x 168 mm x 250 mm)
- **VX800/8i, VX1000/1i, VX1000/5i:**
  2.12 in. x 6.62 in. x 11.32 in. (54 mm x 168 mm x 287 mm)

VXi Full-Range Multi-Channel Amplifiers

VXi full-range amplifiers are built to deliver loads of high-fidelity audio output power with unmatched tuning flexibility, all housed within a compact and beautiful chassis.

Equipped with our latest NexD2™ amplifier technology and an integrated DSP, each model delivers outstanding full-range fidelity, with unprecedented tuning capabilities.

Models range from two to eight channels, in 2-channel increments. 4-channel, 6-channel and 8-channel models produce a strong 75W x 2 into 4 ohms per channel pair, bridgeable to 200W into 4 ohms. For more demanding applications, the 2-channel VX600/2i delivers a stout 180W x 2 into 4 ohms, bridgeable to 600W into 4 ohms.

VXi Monoblock Subwoofer Amplifiers

VXi monoblock subwoofer amplifiers are outfitted with a specialized, low-frequency version of our NexD2™ switching technology, to generate world-class bass output with incredible efficiency.

For maximum versatility, each model shares the same DSP features as the full-range VXi offerings. Fully processed digital and line-level outputs are also included and can be fed to a second amplifier.

Two models are available, capable of producing 600 or 1000 watts of power for your subwoofer system. Consult with your authorized dealer to determine the best match for your subwoofer configuration.

VX400/4i
400W, 4-channel full-range amplifier

VX600/2i
600W, 2-channel full-range amplifier

VX600/6i
600W, 6-channel full-range amplifier

VX800/8i
800W, 8-channel full-range amplifier

VXi Full-Range Amplifiers

VX600/1i
600W, monoblock subwoofer amplifier

VX1000/1i
1000W, monoblock subwoofer amplifier

VXi Monoblock Subwoofer Amplifiers

VXi System Amplifiers

Equipped with our advanced NexD2™ amplifier technology and an integrated, full-featured digital signal processor, VXi systems amplifiers are designed to power a complete audio system with remarkable efficiency. Each model is engineered to drive two pairs of full-range channels, plus a dedicated subwoofer system.

The VX700/5i produces up to 300 watts of solid bass output, plus 75 watts into each full-range channel. For systems requiring more demanding subwoofer power, the VX1000/5i is capable of generating up to 600 watts of stunning bass output, plus 4 x 75 watts of full-range fidelity.

VX700/5i
700W, 5-channel system amplifier

VX1000/5i
1000W, 5-channel system amplifier

VXi System Amplifiers

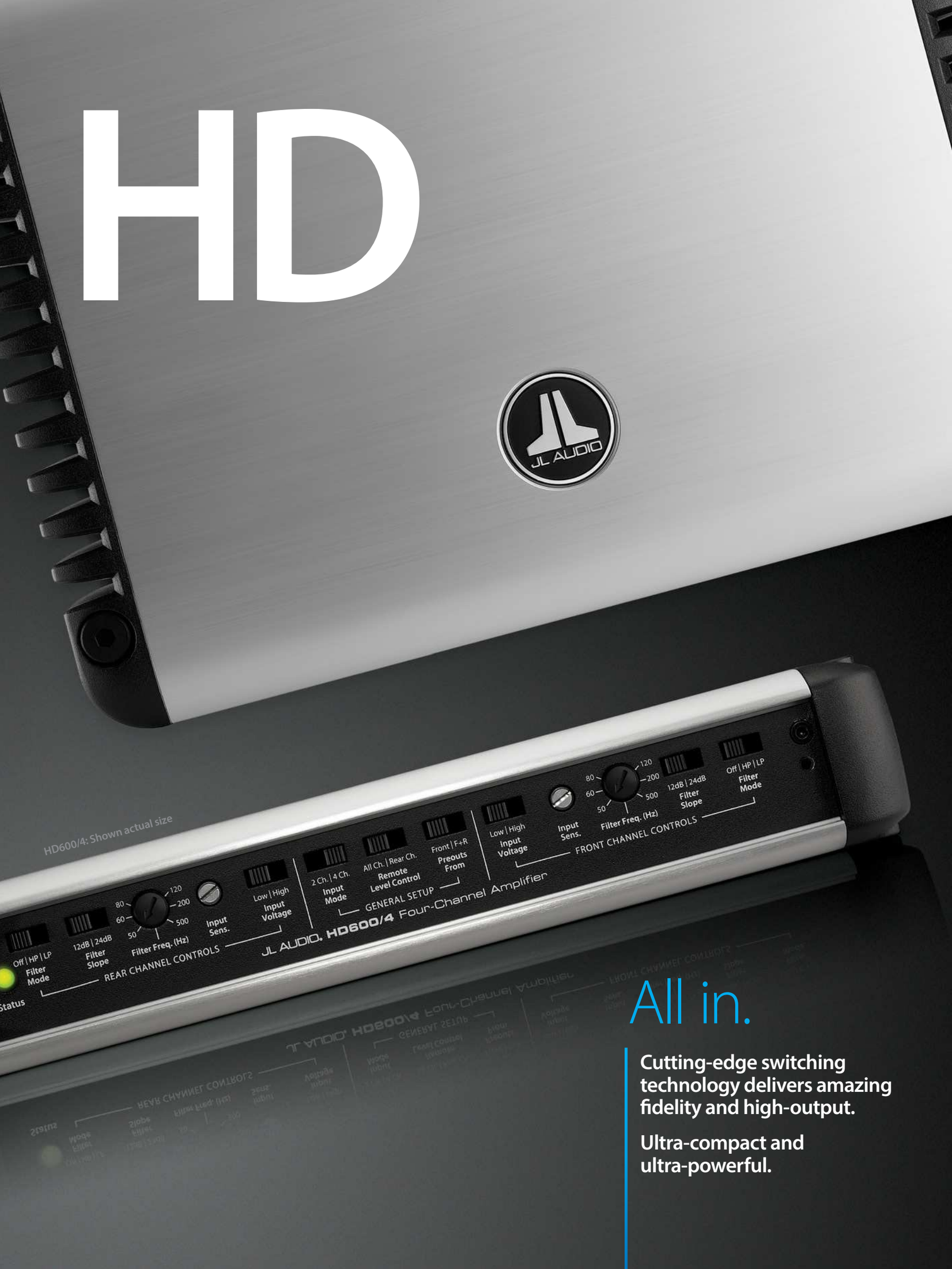
Same power...
Extraordinary Space Savings!
Our system amplifiers take up less space than the equivalent subwoofer amplifier / satellite amplifier combination. Shown here is the VX1000/5i sitting on top of the VX400/4i + VX600/1i combo.

VXi-BTC Bluetooth® Communicator
Enables wireless communication between a VXi amplifier or network and your compatible iOS® or Android® device (not included).

VXi-HUB JLid™ & Optical Network Hub
Network up to six VXi amplifiers together, with full-system DRC control and preset selection. Daisy-chain two VXi-HUBs and command up to ten VXi amplifiers.

Digital Remote Controllers
DRC-100/DRC-205 (pictured): Offers convenient level control and DSP preset selection (with LED confirmation) from the driver's seat.

HD



All in.

Cutting-edge switching technology delivers amazing fidelity and high-output.

Ultra-compact and ultra-powerful.

HD Amplifiers

Small is great, of course... but not at the expense of power and sound quality. This is why our engineering team focused on achieving world-class fidelity first, and then on making the HD's amazingly powerful, efficient and small. These efforts led to a remarkable switching amplifier technology called Single Cycle Control™, which allows for all of these goals to be achieved.

This exclusive core amplifier technology is mated to our regulated, intelligent power supply (R.I.P.S.), advanced thermal management systems and a full complement of studio-grade processing features to put the all-new HD amplifiers in a performance class all their own.

We invite you to sonically compare the HD amplifiers to any amplifier, at any price. We think you will quickly discover that all the old amplifier compromises are suddenly irrelevant.

Remote Level Control (HD-RLC)

With the addition of an HD-RLC you can control the overall level of the subwoofer channel or the whole amplifier from the driver's seat.

Security cover hides and protects controls

Lateral mounting feet create additional mounting flexibility.

Big power in small packages!

All HD amplifier models measure 1.93 in. x 10.74 in. x 8.29 in. (49 mm x 273 mm x 211 mm)

- Stackable chassis design (via optional HD Stack Kit, sold separately)
- Security cover for controls
- Removable power and speaker plugs
- RealSink™ thermal management

RIPS
REGULATED, INTELLIGENT POWER SUPPLY TECHNOLOGY

The remarkable R.I.P.S. System™ ensures consistent power delivery over a wide range of battery voltages and load impedances.

HD Models

HD750/1: Class D, Monoblock Wide-Range Amplifier
1 x 750W @ 1.5 - 4 ohms

HD1200/1: Class D, Monoblock Wide-Range Amplifier
1 x 1200W @ 1.5 - 4 ohms

HD600/4: Class D, 4-Channel Full-Range Amplifier
4 x 150W @ 1.5 - 4 ohms per ch.
2 x 300W @ 3 - 8 ohms per ch. bridged

HD900/5: Class D, 5-Channel System Amplifier
4 x 100W + 1 x 500W @ 4 ohms;
4 x 75W + 1 x 500W @ 2 ohms

Power with 11.0 - 14.5V supply voltage at less than 0.05% THD+N (RMS Method)

Groundbreaking Switching Amplifier Technology: Single Cycle Control™

- Reference-grade sonic capabilities.
- Single Cycle Control™ technology corrects output in each and every switching cycle (over 400,000 times per second). This dramatically reduces distortion at high frequencies compared to other switching amplifiers.
- Exceptional efficiency (80% overall at 1/2 power) reduces current draw and heat, permitting reliable high power output within a very small, easy to install design.

R.I.P.S. (Regulated, Intelligent Power Supply)

- All the power, all the time… tightly regulated, intelligent power supply maintains high power at any impedance from 1.5 - 4 ohms per channel and at any supply voltage from 11V - 14.5V.
- HD600/4 and HD900/5 offer independent R.I.P.S. optimization for each channel section.

Studio-Grade Signal Processing

- Select shallow (12dB/octave) or steep (24dB/octave) high or low-pass filters to best integrate with subwoofers or component systems.
- Fully-variable frequency selection from 50-500 Hz with detented, calibrated potentiometer(s)
- Remote level control with HD-RLC controller (sold separately).
- Preamp outputs (except HD900/5)
- Infrasonic filter and Output Polarity Switch (HD750/1 and HD1200/1 only)

Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Accepts speaker level signals, including those from factory systems, without a line-output converter.

Advanced Rollback Protection and RealSink™

- Amplifier will never shut down due to thermal overload.
- Restores full power operation when it has cooled down to a safe temperature.
- Real finned heat sink is extremely effective and requires no fans.
- Multiple units can be stacked without compromising cooling effectiveness. (HD Stack Kit sold separately)

XD v2

Huge.

A brilliant combination of performance, efficiency and compact size.

Ten compact models to choose from.

XDv2 Amplifiers

In the XDv2 lineup, we unleash outstanding audio performance from amazingly small amplifiers, making it easier to achieve more attractive and creative installation solutions than ever before.

The core technology inside the XDv2 amplifiers is JL Audio's exclusive NexD™ switching circuitry. This advanced design achieves very high total amplifier efficiencies compared to a conventional, large amplifier, resulting in far less heat and less strain on your vehicle's electrical system. The NexD™ efficiency advantage, combined with state-of-the-art microelectronic components allows us to use very compact heat sinks, dramatically shrinking the overall size of the product, without sacrificing clean power output.

A rich complement of crossover and setup features is included with each model, including Remote Level Control functionality and our noise-killing differential-balanced input design. Also on-board is our Advanced Thermal Rollback Protection™ to completely eliminate annoying thermal shut-down events.

All XDv2 models offer the convenience of automatic turn-on (signal-sensing or DC-offset sensing), and a dual-range input section that can accept a wide range of input signals, from line-level to high-power speaker level signals.

It turns out that "small" is a pretty big deal.

Thanks to our Dual-Range, Differential-Balanced Input Sections, all you will need to connect speaker level signals (including those from most factory systems) is a speaker wire to RCA adaptor like the JL Audio XD-CLRAIC2-SW). Performance-degrading line-output converters (LOC's) are typically not needed.

Incredibly compact & powerful.

Advanced NexD™ switching technology produces huge, clean power in half the space of conventional amplifiers!

NexD™ SWITCHING TECHNOLOGY

XDv2 Models

Monoblock Subwoofer Amplifiers

XD300/1v2: 1 x 200W @ 4 ohms; 1 x 300W @ 2 ohms

XD600/1v2: 1 x 400W @ 4 ohms; 1 x 600W @ 2 ohms

XD1000/1v2: 1 x 600W @ 4 ohms; 1 x 1000W @ 2 ohms

Full-Range Multi-Channel Amplifiers

XD200/2v2: 2 x 75W @ 4 ohms; 2 x 100W @ 2 ohms

XD400/4v2: 4 x 75W @ 4 ohms; 4 x 100W @ 2 ohms

XD600/6v2: 6 x 75W @ 4 ohms; 6 x 100W @ 2 ohms

XD800/8v2: 8 x 75W @ 4 ohms; 8 x 100W @ 2 ohms

System Amplifiers

XD500/3v2: 2 x 75W + 180W @ 4 ohms;
2 x 100W + 300W @ 2 ohms

XD700/5v2: 4 x 75W + 180W @ 4 ohms;
4 x 100W + 300W @ 2 ohms

XD1000/5v2: 4 x 75W + 400W @ 4 ohms;
4 x 100W + 600W @ 2 ohms

Power ratings for XD amplifiers based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

Ultra-Compact Footprint

Incredible amounts of clean power per cubic inch!

- XD300/1v2, XD200/2v2:
  2.05 in. x 6.85 in. x 7.09 in. (52 mm x 174 mm x 180 mm)
- XD600/1v2, XD400/4v2 & XD500/3v2:
  2.05 in. x 8.52 in. x 7.09 in. (52 mm x 217 mm x 180 mm)
- XD600/6v2 & XD700/5v2:
  2.05 in. x 10.23 in. x 7.09 in. (52 mm x 260 mm x 180 mm)
- XD800/8v2, XD1000/5v2 & XD1000/1v2:
  2.05 in. x 14.73 in. x 7.09 in. (52 mm x 374 mm x 180 mm)

XD700/5v2 Control Panel: All controls are placed on the top of the amplifier beneath a gasketed, aluminum access panel.

XDv2 Full-Range Multi-Channel Amplifiers

Whether you are building a simple two-channel system or a really sophisticated, multi-way setup with active filtering, we have an XDv2 full-range amplifier to fill almost any need.

Each channel pair offers a powerful 75W x 2 into 4 ohms, bridgeable to 200W x 2 into 4 ohms, for high-power applications. All you have to decide is how many channels you need, and then choose the appropriate model: 2-channel, 4-channel, 6-channel or 8-channel.

The amazing NexD™ switching technology enables the XDv2's to amplify full-range audio with outstanding fidelity and efficiency. The latter helps minimize the size of the amplifier, making the XDv2's easy to install in tight spaces.

XDv2 Monoblock Subwoofer Amplifiers

XDv2 monoblock subwoofer amplifiers are built for bass and bass alone. All models feature a specialized low frequency variant of our NexD™ switching technology to produce impressive power with extremely high efficiency.

Achieving great-sounding, reliable sub-bass performance requires the right amount of clean, controlled power for each application. This is why we offer three models of monoblocks, capable of producing up to 300, 600 or 1000 watts of power for your subwoofer system.

Consult with your authorized dealer to determine the best match for your subwoofer configuration.

NexD™ Switching Amplifier Technology

- Ultra-efficient switching amplifier technology generates incredible sonic performance with very little heat as a byproduct of amplification and less current drawn from the vehicle's charging system.

Studio-Grade Signal Processing

- Monoblock models and the subwoofer channels of the system amplifiers feature fully-variable low-pass filters with switchable slope: 12dB or 24dB/octave. (XD300/1v2, XD600/1v2, XD1000/1v2, XD500/3v2, XD700/5v2 and XD1000/5v2)
- Full-range, multi-channel models feature fully-variable, 12dB/octave filters, switchable from high-pass to low-pass. (XD200/2v2, XD400/4v2, XD600/6v2 and XD800/8v2)
- System amplifiers feature 12dB/octave high-pass filters on main channels. (XD500/3v2, XD700/5v2 and XD1000/5v2)
- XD700/5v2 and XD1000/5v2 also features true 3-way crossover functionality (High-Pass , Bandpass, Low-Pass).
- Add Remote Level Control functionality to any model with the HD-RLC (sold separately).
- Pass-through preamp outputs on the following models: XD200/2v2, XD300/1v2, XD400/4v2, XD500/3v2, XD600/1v2, XD1000/1v2

Dual-Range, Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept most speaker level signals, including those from most factory systems, without a line-output converter (LOC).

Advanced Rollback Protection

- Gradually reduces power output when overheated to prevent annoying shut-down events. Restores full power operation when it has cooled down to a safe temperature.

XD200/2v2
200W, 2-channel full-range amplifier

XD400/4v2
400W, 4-channel full-range amplifier

XD600/6v2
600W, 6-channel full-range amplifier

XD800/8v2
800W, 8-channel full-range amplifier

XDv2 Full-Range Amplifiers

XD300/1v2
300W, monoblock subwoofer amplifier

XD600/1v2
600W, monoblock subwoofer amplifier

XD1000/1v2
1000W, monoblock subwoofer amplifier

XDv2 Monoblock Subwoofer Amplifiers

XDv2 System Amplifiers

XDv2 System Amplifiers are designed to run a complete subwoofer + satellite audio system, with active crossover functionality built-in. Each model features a dedicated subwoofer channel, plus one or two pairs of full-range channels to drive component speaker systems.

For systems requiring moderate subwoofer power, the XD500/3v2 and XD700/5v2 offer up to 300 watts of clean subwoofer-channel power, plus 75 watts into each full-range channel.

For more power-capable subwoofer systems, opt for the XD1000/5v2. This powerhouse delivers up to 600 watts of subwoofer power, plus 4 x 75 watts of crystal-clear sound for your component speaker systems.

The XD700/5v2 and XD1000/5v2 also offer true 3-way crossover functionality, allowing you to run an active crossover between component woofers and tweeters, if desired.

XD500/3v2
500W, 3-channel system amplifier

XD700/5v2
700W, 5-channel system amplifier

XD1000/5v2
1000W, 5-channel system amplifier

XDv2 System Amplifiers

Same power... Less Space!
Our system amplifiers take up less space than the equivalent subwoofer amplifier / satellite amplifier combination. Shown here is the XD1000/5v2 sitting on top of the XD600/1v2 + XD400/4v2 combo.

RD

Lust is appropriate.

Sleek, powerful and packed with value.

RD Amplifiers

Utilizing JL Audio's ultra-efficient NexD™ switching technologies developed for our acclaimed XDv2 and HD amplifiers, RD amplifiers are engineered to produce loads of power with reduced current draw and heat, at an affordable price. Each model includes a host of flexible onboard features and sports a modern industrial design.

For ease of installation and making adjustments, all connections are placed along one side of the amplifier with the controls on top, concealed beneath a removable protective cover. Studio-grade signal processing comes standard on all models along with automatic turn-on capabilities (signal-sensing or DC-offset sensing). Differential-balanced inputs are also on-hand to combat noise and maximize compatibility and are capable of accepting a wide range of signal types.

Remote Bass Control (RBC-1)
With the addition of an RBC-1 (sold separately), you can control the subwoofer level from the front of the vehicle (sub channel & monoblock models only).

All RD amplifiers are equipped with onboard LED clipping indicators to simplify installation and setup. This handy feature lets you easily set your amplifier's input sensitivity settings, quickly and accurately, with no special equipment needed. Input type switches are included with all stereo output channels, eliminating the need for Y-adaptors when bridging. Bass output is easily controlled from the driver's seat with the addition of an optional RBC-1 Remote Level Control (sold separately).

RD amplifiers deliver outstanding amplifier performance and versatility with unprecedented value.

Dual-Color Status LED Strip
Top-mounted, bi-color LED strip reports the amplifier's operating condition and protection status.

Same power... Less Space!
The RD900/5 system amplifier takes up less space than the equivalent subwoofer/satellite amplifier combination. Shown here sitting on top of the RD400/4 + RD500/1 combo.

RD Models

Monoblock Subwoofer Amplifiers

RD500/1: 1 x 250W @ 4 ohms; 1 x 500W @ 2 ohms

RD1000/1: 1 x 600W @ 4 ohms; 1 x 1000W @ 2 ohms

RD1500/1: ***Compatible with 1-ohm loads!***
1 x 750W @ 4 ohms;
1 x 1500W @ 1-2 ohms

Full-Range Multi-Channel Amplifiers

RD400/4: 4 x 75W @ 4 ohms; 4 x 100W @ 2 ohms

System Amplifiers

RD900/5: 4 x 70W + 225W @ 4 ohms;
4 x 100W + 500W @ 2 ohms

Power ratings for RD amplifiers based on the industry standard rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

NexD™ Switching Amplifier Technology

- Our ultra-efficient switching amplifier technology generates incredible sonic performance with very little heat as a by-product of amplification and less current drawn from the vehicle's charging system.

Studio-Grade Signal Processing

- Monoblock models feature fully-variable, 12dB/octave low-pass filters from 50-500 Hz, plus an adjustable Bass Boost EQ. (RD500/1, RD1000/1, RD1500/1)
- Full-range, multi-channel models feature fully-variable, 12dB/octave filters from 50-500 Hz, switchable from high-pass to low-pass. (RD400/4)
- System amplifiers feature fully-variable, 12dB/octave high-pass filters from 50-500 Hz on main channels, plus a fully-variable, 12dB/octave low-pass filter from 50-500 Hz on the sub channel. (RD900/5)
- Pass-through preamp outputs available on all models, except RD900/5
- Add Remote Level Control functionality with the RBC-1 (sold separately, all models except RD400/4).

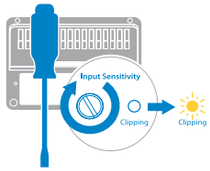
Dual-Range, Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept most speaker level signals, including those from factory systems, without a line-output converter (LOC).

Easy-to-use LED clipping indicators streamline the input level setting process.
The new RD amplifiers are equipped with onboard LED-clipping indicators. This innovative feature lets you easily set each amplifier's input sensitivity setting(s), quickly and accurately, without any special equipment, in three easy steps:

Play a sine wave test tone in the frequency range to be amplified by the amplifier channel(s).

Set the source unit volume to 3/4 of full volume. This will allow for reasonable gain overlap with moderate clipping at full volume.



Slowly increase the "Input Sensitivity" control until the "Clipping" LED is solidly lit, indicating maximum, unclipped output.

EASY!

That's it!
The input sensitivities are now accurately set.

JD

OUTLINE = Actual Size

The JD500/1: 500 watts of pure awesomeness.

All motor.

Affordable excellence for a wide range of system applications.

JD Amplifiers

JD amplifiers apply our core amplifier technologies and a generous feature set to deliver amazing sound and performance, at very affordable prices.

Instead of spending excessive dollars on glitzy trim like most of their competition, JD amplifiers offer a clean, simple design and pack tons of value on the inside, where it counts.

Our exclusive NexD™ high-speed switching circuitry is on-board to efficiently generate loads of clean power, with less heat output and burden on your vehicle's electrical system. All JD amplifier models include our dual-range, differential-balanced inputs for excellent noise rejection and compatibility with a wide range of input signals. The convenience of automatic turn-on (signal-sensing or DC-offset sensing) is also included in all JD amplifiers.

To simplify installation and setup, built-in LED clipping indicator rings make it easy to set each amplifier's input sensitivity setting, quickly and accurately, with no special equipment needed.

Monoblock JD models feature a bass boost EQ, plus a port to connect an optional RBC-1 wired remote (sold separately), for easy bass level adjustments from the driver's seat.

It's all in there.

Remote Level Control (RBC-1)
With the addition of an RBC-1 (sold separately), you can control the subwoofer level from the front of the vehicle (monoblock models only).

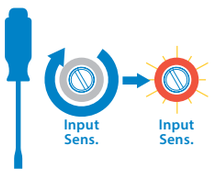
Dual-LED Status Reporting
Separate, top-mounted LEDs display the amplifier's overall condition and protection status.

JD400/4 Control Panel

Easy-to-use LED clipping indicators streamline the input level setting process.
The new JD amplifiers are equipped with onboard LED-clipping indicator rings surrounding the input sensitivity controls. This innovative feature lets you easily set each amplifier's input sensitivity setting(s), quickly and accurately, without any special equipment, in three easy steps:

Play a sine wave test tone in the frequency range to be amplified by the amplifier channel(s).

Set the source unit volume to 3/4 of full volume. This will allow for reasonable gain overlap with moderate clipping at full volume.



Slowly increase the "Input Sensitivity" control until the "Clipping" LED trim ring is solidly lit, indicating maximum, unclipped output.

EASY!

That's it!
The input sensitivities are now accurately set.

JD Models

Monoblock Subwoofer Amplifiers
JD250/1: 1 x 150W @ 4 ohms / 1 x 250W @ 2 ohms
JD500/1: 1 x 250W @ 4 ohms / 1 x 500W @ 2 ohms
JD1000/1: 1 x 600W @ 4 ohms / 1 x 1000W @ 2 ohms

Full-Range Multi-Channel Amplifiers
JD400/4: 4 x 75W @ 4 ohms / 4 x 100W @ 2 ohms

Power ratings for JD amplifiers based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

NexD™ Switching Amplifier Technology

- Delivers outstanding fidelity with very low noise and distortion.
- Exceptional efficiency reduces current draw and heat.

Complete Signal Processing Sections

- Monoblock models feature fully-variable, 12dB/octave low-pass filters from 50-500 Hz, plus an adjustable Bass Boost EQ. (JD250/1, JD500/1, JD1000/1)
- Full-range, multi-channel model features fully-variable, 12dB/octave filters from 50-500 Hz, switchable from high-pass to low-pass. (JD400/4)
- Pass-through preamp outputs available on all models.
- Add Remote Level Control functionality with the RBC-1 (sold separately, all models except JD400/4).

Dual-Range, Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Accepts line-level signals or speaker level signals, without a line-output converter (200mV - 8V RMS).

High-Mass Heatsink

- Heavy extruded aluminum design enhances reliability and thermal operating capacity.

MX

IPX7
WATER RESISTANT

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

Play anywhere.

MX: Weatherproof Amplifiers

Engineered for all-weather versatility, MX amplifiers employ our highly-efficient NexD™ Class D technology to generate lots of clean power, without straining charging systems.

Housed in tiny, cast aluminum chassis, MX amplifiers are corrosion resistant and boast an IPX7 water-resistance rating, making them ideal for almost any application, even those where moisture cannot be completely avoided, such as powersports, motorcycle and marine installations.*

All models include flexible crossover filters and accept a wide range of input signals, from line-level all the way to high-power speaker level signals.

The 4-channel MX280/4 delivers a clean 50W x 4 and the MX500/4 produces a strong 70W x 4 into 4 ohms. Even more power is dispensed into 2 ohm loads, 70W x 4 with the MX280/4 and 125W x 4 with the MX500/4. Both models are fully bridgeable and can be used as a 3-channel amplifier, or as a 2-channel amplifier producing potent stereo output.

The monoblock MX300/1 generates 300W into 2 ohms, while its big brother, the MX500/1 produces a whopping 500W of rock-solid power into 2 ohms. Onboard controls include a bass boost EQ, output polarity switch and variable infrasonic filter. An optional M-RBC-1 Remote Level Control (sold separately) can be used to control bass output from the helm or driver's seat.

The 3-channel MX600/3 offers an all-in-one, total system power solution, producing 75W x 2 into 4 ohms, with a hardy 400W of subwoofer output power into 2 ohms.

No matter where you like to play, MX amplifiers are ready to power your soundtrack!

MX280/4

NexD™ SWITCHING TECHNOLOGY

MX500/1

Water-Resistant Remote Level Control (M-RBC-1)
With the addition of the optional M-RBC-1 (sold separately), you can remotely control the level of a subwoofer connected to the MX300/1, MX500/1 or the MX600/3.

* IPX7: Product is protected against streams of water and heavy moisture. The product is not designed or rated to be submersible. Product images on this page are shown with wiring removed. Actual product has non-removable wiring.

MX Models

Monoblock Subwoofer Amplifiers

MX300/1: 1 x 160W @ 4 ohms; 1 x 300W @ 2 ohms

MX500/1: 1 x 300W @ 4 ohms; 1 x 500W @ 2 ohms

Full-Range Multi-Channel Amplifiers

MX280/4: 4 x 50W @ 4 ohms; 4 x 70W @ 2 ohms

MX500/4: 4 x 70W @ 4 ohms; 4 x 125W @ 2 ohms

System Amplifiers

MX600/3: 2 x 75W + 250W @ 4 ohms;
2 x 100W + 400 W @ 2 ohms

Power ratings for MX amplifiers based on the industry standard rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

Tiny Footprint

Incredible amounts of clean power per cubic inch!

- MX300/1, MX280/4:
  1.77 in. x 8.66 in. x 3.09 in. (45 mm x 220 mm x 79 mm)
- MX500/1, MX500/4, MX600/3:
  1.77 in. x 9.33 in. x 4.50 in. (45 mm x 237 mm x 115 mm)

Engineered for Extreme Applications

- Perfect for most outdoor installations (IPX7 rated)
- Rugged, unitary cast alloy chassis design with shock-resistant construction
- All controls protected beneath a gasketed cover

NexD™ Switching Amplifier Technology

- Delivers outstanding fidelity with very low noise and distortion.
- Ultra-efficient design reduces current draw and heat for reliable power output within a very small size.

Dual-Range, Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Dual-range operation. Accepts line-level signals or speaker level signals, without a line-output converter (200mV - 8V RMS).

Complete Signal Processing

- Monoblock models feature fully-variable, 24dB/octave low-pass filters, adjustable Bass Boost EQ, 12dB/octave infrasonic filter and output polarity switch. (MX300/1, MX500/1)
- Full-range, multi-channel models feature fully-variable, 12dB/octave filters, switchable from high-pass to low-pass. (MX280/4, MX500/4)
- System amplifiers: Fully-variable, 12dB/octave high-pass filter on the main channels, plus a fully-variable, 24dB/octave low-pass filter on the sub channel with adjustable Bass Boost EQ, 12dB/octave infrasonic filter and output polarity switch. (MX600/3)
- Two remote, subwoofer level controller options available: (each sold separately)
  RBC-1 (standard design)
  M-RBC-1 (water-resistant, IPX6 rated design)
  (all models except MX280/4 & MX500/4)

W7AE

"It's a totally seductive and completely absorbing engulfment in bass."

– Mobile Entertainment (USA)

"Simply put, the JL Audio 8W7 is the best damn 8-inch subwoofer ever made."

– Car Sound & Performance (USA)

BUILT IN USA • WITH GLOBAL COMPONENTS •

"…this speaker will do cataclysmic wave fronts — that happen at the front of the bass hit, something that is utterly profound."

– Fast Cars (UK)

Tight.

The ultimate no-compromise subwoofer for those seeking extreme output and sublime sound quality.

W7AE Subwoofers

The JL Audio W7AE defines the reference for high-performance sub-bass.

Variants of the automotive W7AE's are used in our ultra-premium Fathom® and Gotham® powered home subwoofers. These have received stellar ratings from the world's leading reviewers and are in daily use at some of the world's top recording and mastering studios.

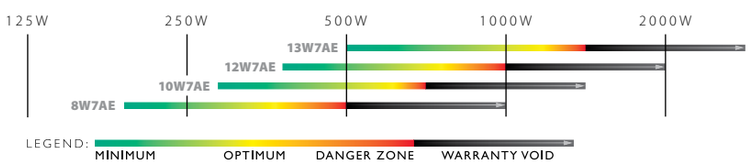
The W7AE's unique proposition is its ability to deliver extreme output, accurate dynamics and sublime sound quality... all at the same time. The keys to these performance capabilities lie at the very core of loudspeaker design, where electromagnetic and mechanical behaviors combine in fiendishly complex ways. JL Audio's intense research into these behaviors allows us to optimize W7AE motor and suspension systems to faithfully reproduce every bass detail with unparalleled linearity and accuracy.

Multiple U.S. Patents have been issued for motor, suspension and assembly technologies used in the W7AE's. All of these combine to create the overwhelming advantages that the W7AE's bring to the forefront.

Every W7AE subwoofer is built to exacting quality standards in our Miramar, Florida factory and manifests our passionate pursuit of great audio.

AE: Anniversary Edition

Beginning with the tenth anniversary of the introduction of our flagship automotive subwoofers, every W7 model is built in "Anniversary Edition" (AE) trim, with a satin black frame finish and special badging.



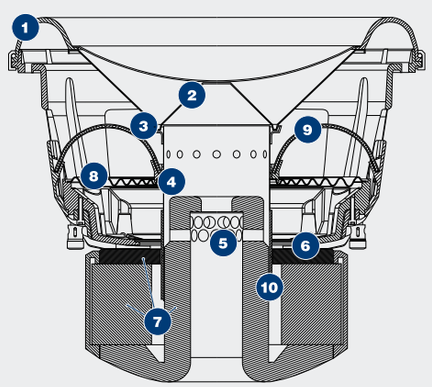
Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems =** lower distortion and improved reliability
- **W-Cone** = low mass with excellent stiffness
- **OverRoll Surround =** extreme excursion without losing cone area
- **Radial-Drilled Pole Piece =** improved power handling by venting interior of gap
- **Elevated-Frame Cooling System =** improved power handling by venting coil directly
- **Plateau Reinforced Spider Attach (RC) =** mechanical reinforcement of spider attachment
- **FCAM Assembly System =** improved moving parts alignment
- **Lead Wire Management System =** improved lead wire reliability with no effect on spider

Recommended Sealed Enclosure Volume

8W7AE: 0.875 cu. ft.
10W7AE: 1.25 cu. ft.
12W7AE: 1.375 cu. ft.
13W7AE: 1.875 cu. ft.

W7AE Technologies



01 - OverRoll™ Surround
02 - W-Cone™ (U.S. Patent #6,496,590)
03 - Floating-Cone™ Attach Method (U.S. Patent #6,501,844)
04 - Plateau-Reinforced Spider Attachment
05 - Radially Cross-Drilled Pole Piece
06 - Massive Forced-Air-Cooled Aluminum Alloy Frame
07 - Highly Linear, DMA-Optimized Motor System
08 - Huge Diameter, Progressive-Roll Spider
09 - Co-Extruded Double Lead-Wires
10 - Ultra-Long Voice Coil

W6v3

BUILT IN USA • WITH GLOBAL COMPONENTS •

Unparalleled subwoofer fidelity and excellent output in very compact enclosures.

Small box excellence... redefined.

W6v3 Subwoofers

Since 1993, JL Audio W6 subwoofers have consistently defined bass excellence in small enclosures.

W6v3's introduce a slew of advances aimed at extending this tradition. These upgrades generate very noticeable performance increases in the form of greater output, sharper dynamics and improved overall sound quality.

The hearts of the W6v3's are their motor systems, featuring larger field plates and magnet assemblies than those used on v2's. These more powerful motor systems have been critically refined via JL Audio's proprietary DMA system to deliver exceptional linear excursion and dynamic stability. Further enhancing performance is a new motor cooling circuit design, featuring an innovative pole vent designed to improve cooling efficiency and reduce power compression. The voice coil configuration is a dual 4 ohm design with a terminal jumper system to allow parallel or series wiring.

W6v3 suspensions feature a wide rubber surround and a progressive-roll spider to control the increased excursion capability. The dual skin cone bodies include a silver accent ring that creates a classy look in combination with the satin black cast alloy basket.

Shown with optional grille mesh insert installed (sold separately)

Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems=** lower distortion & improved reliability
- **Elevated-Frame Cooling System =** improved power handling by venting coil directly
- **Plateau Reinforced Spider Attach (RC) =** mechanical reinforcement of spider attachment
- **FCAM Assembly System =** improved moving parts alignment
- **Lead Wire Management System =** improved lead wire reliability with no effect on spider

Recommended Sealed Enclosure Volume

10W6v3: 0.55 cu. ft.
12W6v3: 1.0 cu. ft.

Rear of motor assembly, showing the PVAC cooling structure

TW5v2

Think thin... forget weak.

BUILT IN USA • WITH GLOBAL COMPONENTS •

ONLY 2⅝ INCHES THIN!
(mounting depth)

The thinnest subwoofer in its class delivers real JL Audio performance in difficult spaces.

13TW5v2 Subwoofer

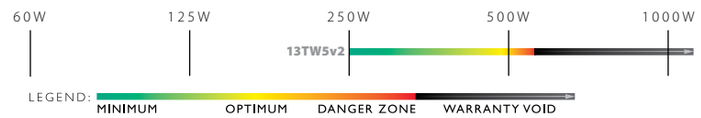
We couldn't leave the ultimate thin woofer alone... we had to make it even better.

Our exclusive thin-line woofer technology compresses the architecture of the 13TW5v2 using a "concentric tube" structure that supports the 7-inch diameter voice coil and the suspension attachments. This permits placement of the large motor structure much further forward in the speaker than with conventional designs, while allowing excellent linear excursion capability and mechanical stability.

To unleash even more performance from this technology, the v2 improves upon the original 13TW5 with 13% greater linear excursion capability. The cast alloy chassis has also been modified for greater strength and the redesigned motor now features an annular vent. The v2 is also available in single 2 ohm and single 4 ohm voice coil versions to fit a wide range of applications.

In keeping with its "tight-spaces" mission, the 13TW5v2 is optimized for enclosures that are far smaller than most 12-inch woofers require and only a bit larger than the air space needs of a typical, small-box 10-inch woofer. The mounting system is designed to fit in about the same footprint as a typical 12-inch woofer.

Never has such high-quality sub-bass been possible with such a thin woofer.



Key Technologies:

- **Concentric Tube Suspension Design** = permits shallow depth with excellent excursion
- **Patented FCAM Assembly System** = improved moving parts alignment
- **DMA-optimized motor systems** = lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems** = lower distortion & improved reliability
- **Extremely Shallow Mounting Depth** only 2.625 inches thin
- **Extremely Small Sealed Enclosure Volume Requirements**

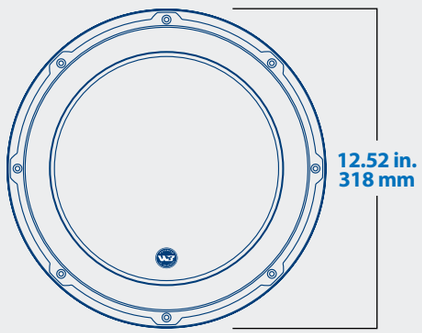
Recommended Sealed Enclosure Volume

13TW5v2: 0.80 cu. ft.

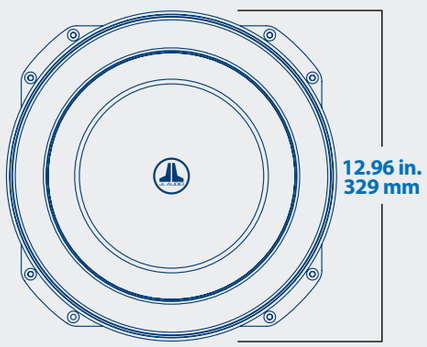
Tab-Ear Design

Not much bigger than a 12-inch.

(Only 0.44 in. / 11.2 mm)
"Tab-Ear" frame design allows the 13TW5 to fit where a conventional 12-inch woofer fits.



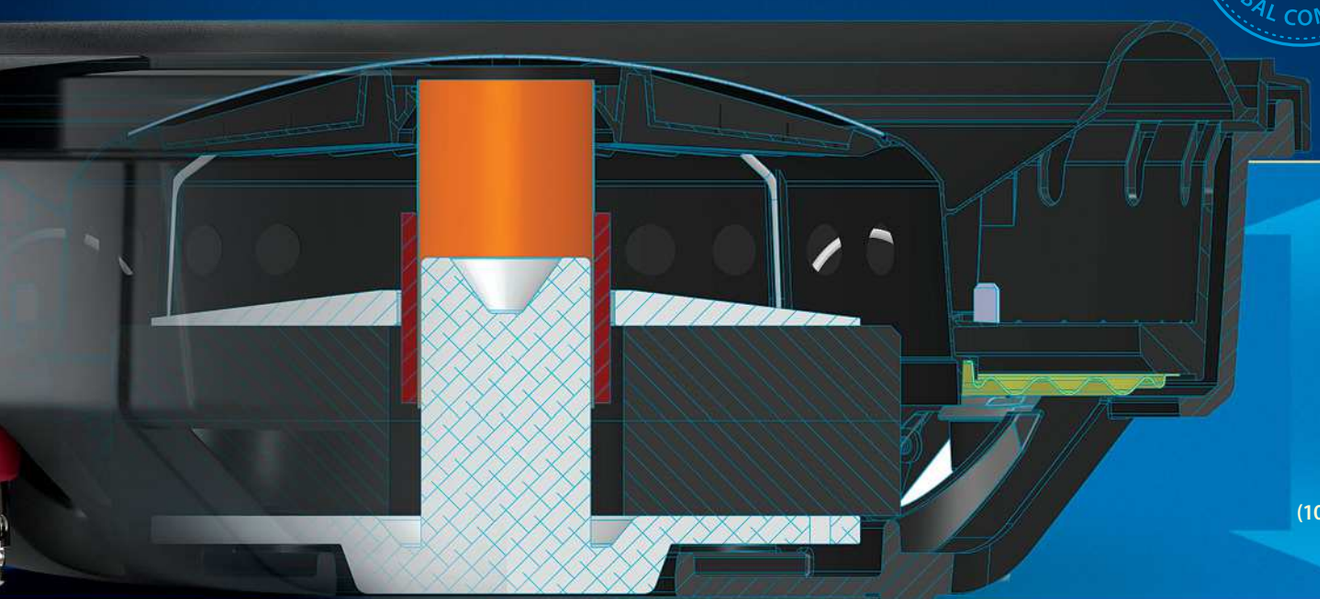
12W3v3 (12 in. Subwoofer)



13TW5 (13.5 in. Subwoofer)

TW3

BUILT IN USA • WITH GLOBAL COMPONENTS •



ONLY 3¼ INCHES THIN!
(10TW3 mounting depth)

Old rules no longer apply.

Astonishing performance in extremely small enclosures

Outstanding sound quality

Amazingly shallow and easy to fit

TW3 Subwoofers

Building on the core technology of our TW5v2 thin-line subwoofers, the TW3's deliver a powerful combination of shallow mounting depth and excursion capability. In fact, they are capable of greater linear excursion than the TW5v2's and the much deeper W3v3's.

To allow this remarkable feat to be achieved, JL Audio's exclusive thin-line woofer technology compresses the architecture of the TW3's using a "concentric tube" structure built into the injection-molded cone body. This structure supports the voice coil and a full annular spider, while permitting the placement of the large motor structure further forward in the speaker than with conventional designs.

TW3's are optimized for extremely small enclosures and offer our tab-ear mounting design to maximize cone area within their mounting footprints.

Deep, powerful and accurate JL Audio bass is now possible in more applications than ever.

Key Technologies:

- **Concentric Tube Suspension Design** = permits shallow depth with excellent excursion
- **DMA-optimized motor systems** = lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems** = lower distortion & improved reliability
- **Extremely Shallow Mounting Depth** only 3.25 inches thin for the 10TW3
- **Extremely Small Sealed Enclosure Volume Requirements**

Recommended Sealed Enclosure Volume

10TW3-D4: 0.50 cu. ft.
10TW3-D8: 0.575 cu. ft.
12TW3-D4: 0.80 cu. ft.
12TW3-D8: 1.00 cu. ft.

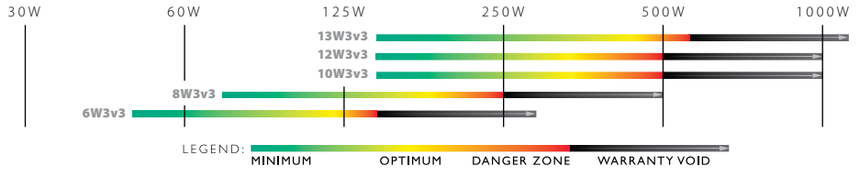
Mounting Depth

10TW3: 3.25 in (83 mm)
12TW3: 3.50 in (89 mm)

W3v3

Loaded.

Excellent performance in small enclosures at medium power levels.



W3v3 Subwoofers

The JL Audio W3 subwoofers have always offered phenomenal performance at medium power levels. The latest generation of W3's raises the bar even higher, benefitting from a whole suite of advanced technologies, originally developed for our flagship W7AE's.

DMA-optimized, long linear excursion capability minimizes distortion and increases output while multiple patented technologies enhance performance and reliability. These advances make the v3's the best sounding, most reliable W3's yet.

Shown with grille mesh insert installed (sold separately)

W3v3's are superb performers in compact sealed or ported enclosures. They are built to exacting quality standards in our Miramar, Florida factory and are offered in five sizes, ranging from 6.5-inch to 13.5-inch nominal diameters.

Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems =** lower distortion & improved reliability
- **Elevated-Frame Cooling System =** improved power handling by venting coil directly
- **Vented Reinforcement Collar (VRC) =** higher power handling & mechanical reinforcement of critical joints
- **Integrated Spider & Terminal Ring =** mechanically reinforces spider joints
- **FCAM Assembly System =** improved moving parts alignment

Recommended Sealed Enclosure Volume

6W3v3: 0.15 cu. ft.
8W3v3: 0.30 cu. ft.
10W3v3: 0.625 cu. ft.
12W3v3: 1.25 cu. ft.
13W3v3: 1.75 cu. ft.

Why a 13.5-Inch Driver?

Our 13.5-inch subwoofers deliver the most bang for your buck, every time!

13W3v3 can move 54% more air than a 12W3v3.

13W7AE can move 39% more air than a 12W7AE.

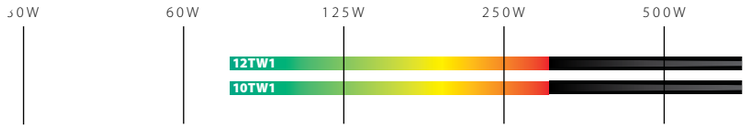
There's no replacement for displacement!

TW1

BUILT IN USA • WITH GLOBAL COMPONENTS •

Slick.

Designed to excel in previously impossible spaces.



TW1 Subwoofers

TW1 subwoofers are built in our Miramar, Florida factory and offer a powerful combination of shallow mounting depth, minimal frontal clearance and insanely small enclosure requirements. This makes them an outstanding choice for the tightest space applications.

Optimized for enclosures much smaller than any other JL Audio subwoofers, TW1's never sound like a big woofer struggling in a tiny box... instead, they deliver all the rich, deep, controlled bass you have come to expect from a JL Audio subwoofer system.

JL Audio's state-of-the-art Concentric Tube Suspension technology compresses mounting depth, using a "concentric tube" structure built into the injection-molded cone body, to deliver outstanding excursion capability and maximum performance potential.

TW1's also employ a clever frame design that recesses the suspension attachment surface so that most of the forward excursion occurs within the frame's dimensions. The result is a minimal frontal clearance of only 0.87 inches (22 mm), even with the supplied grille installed.

This more efficient use of space and increased enclosure volume within a given overall depth makes TW1 subwoofers a perfect choice for under-seat installations in trucks, 2-seat sports cars and many other creative applications requiring a compact, low-profile subwoofer design.

Shown with grille mesh insert removed

Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems =** lower distortion & improved reliability
- **Extremely Shallow Mounting Depth** only 4.36 inches thin for the 10TW1
- **Extremely Small Sealed Enclosure Volume Requirements**
- **"Concentric Tube" Suspension Design**

Recommended Sealed Enclosure Volume

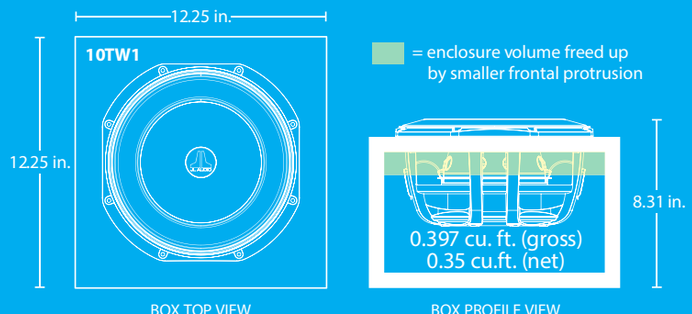
10TW1: 0.35 cu. ft.
12TW1: 0.65 cu. ft.

Mounting Depth

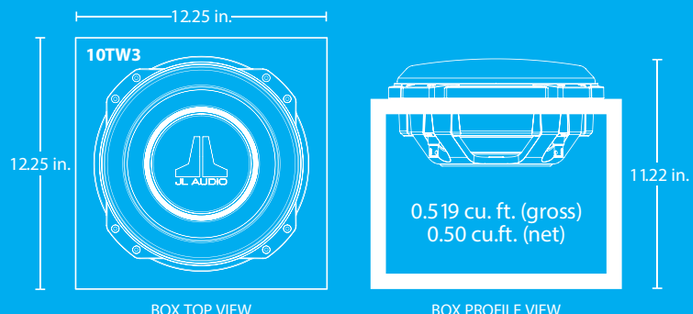
10TW1: 4.36 in (111 mm)
12TW1: 4.62 in (117 mm)

10TW1 vs 10TW3 total enclosure size analysis: 26% smaller than 10TW3!

Recommended Sealed Enclosures, 3/4-inch wall thickness



10TW1 Enclosure
Total Package Volume: 0.72 cu. ft.



10TW3 Enclosure
Total Package Volume: 0.97 cu. ft.

W1v3

Deeper thinking.

Ideal for moderate power, small enclosure applications.

Shallow mounting depths with no pole-vent permit use in tight spaces.

10W1v3:
only 4.6 inches
mounting depth!

Shown with grille
mesh insert installed
(sold separately)

W1v3 Subwoofers

W1v3's share many features with our premium subwoofers, including our VRC™, Elevated-Frame Cooling and patented Floating Cone Attach Method™ technologies. As with JL Audio's flagship drivers, development for these woofers was guided by JL Audio's proprietary DMA modeling system to deliver superior dynamic stability and low distortion within their intended power envelope.

All this "good stuff" comes together to deliver output, sound quality and reliability that would be hard to find at twice the price!

A striking injection-molded, black mica-filled polypropylene cone is finished with an aluminum dust-cap, emblazoned with a JL Audio logo for a classy look. A removable (and customizable) mounting flange trim ring receives grille-mesh inserts directly, without the need for additional grille hardware. (Grille mesh inserts are sold separately.)

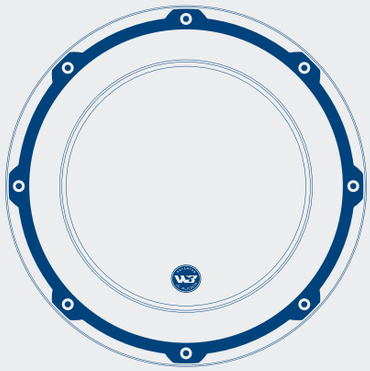
Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems =** lower distortion & improved reliability
- **Elevated-Frame Cooling System =** improved power handling by venting coil directly
- **Vented Reinforcement Collar (VRC) =** higher power handling & mechanical reinforcement of critical joints
- **Integrated Spider & Terminal Ring =** mechanical reinforcement for spider joints
- **Patented FCAM Assembly System =** improved moving parts alignment
- **Lead Wire Management System =** improved lead wire reliability with no effect on spider

Recommended Sealed Enclosure Volume

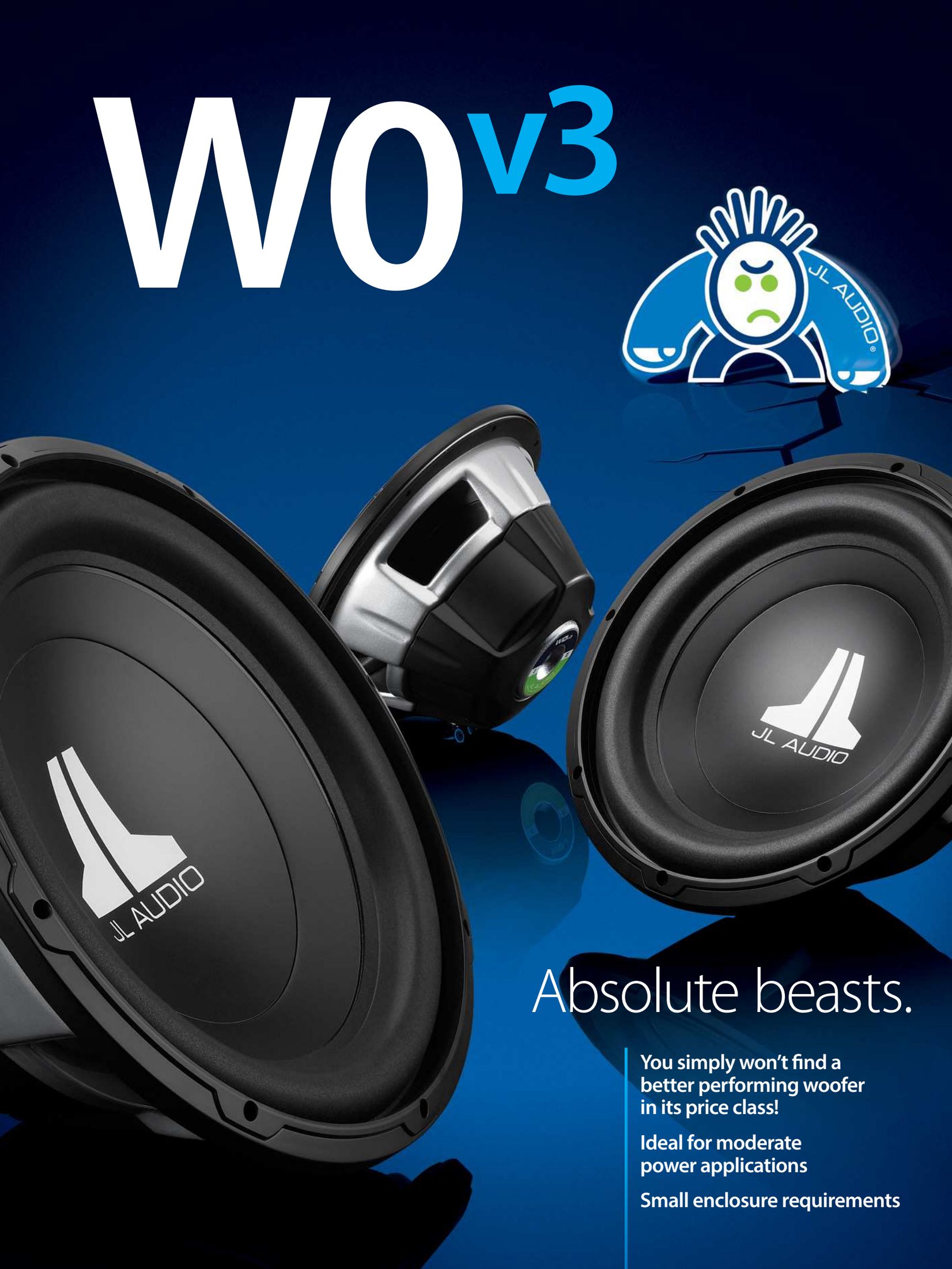
8W1v3: 0.25-0.35 cu. ft.
10W1v3: 0.55 cu. ft.
12W1v3: 1.10 cu. ft.

Customizable Trim Ring



Available on
W6v3, W3v3 & W1v3 models.
This removable ring can be painted to match the installation theme and is also designed as a receptacle for grille mesh inserts (sold separately).

W0v3



Absolute beasts.

You simply won't find a better performing woofer in its price class!

Ideal for moderate power applications

Small enclosure requirements

W0v3 Subwoofers

The term "overbuilt" gets thrown around a lot, but in the case of the W0v3's, it actually applies.

With beefy 2.0 or 2.5-inch voice coils and our Elevated-Frame Cooling™, they're certainly capable of handling power. They also offer best-in-class excursion capability, with motors refined using our exclusive DMA modeling system for increased output and better sound quality.

In simple terms, when the going gets loud, the W0v3's are built to perform like no other woofers in their price class, making them the "go to" choice for those seeking high performance from an affordable subwoofer system.

Elevated-Frame Cooling Technology™ improves reliability and overall performance.

Nickel-plated brass push terminals accept up to 8 AWG speaker wire.

JL AUDIO®

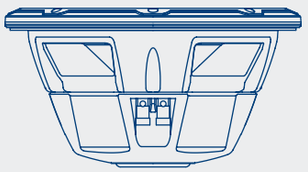
Key Technologies:

- **DMA-optimized motor systems =** lower distortion & higher output
- **Highly linear, FEA-optimized suspension systems =** lower distortion & improved reliability
- **Elevated-Frame Cooling System =** improved power handling by venting coil directly

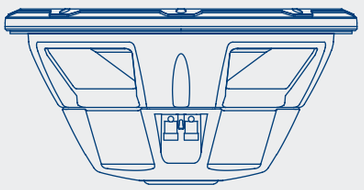
Recommended Sealed Enclosure Volume

10W0v3: 0.65 cu. ft.
12W0v3: 1.375 cu. ft.
15W0v3: 1.875 cu. ft.

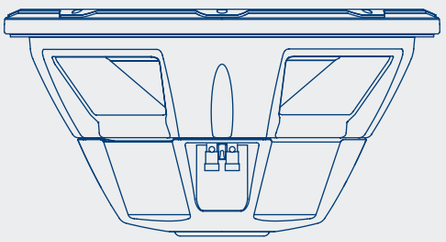
Available sizes:



10W0v3: 10-inch driver

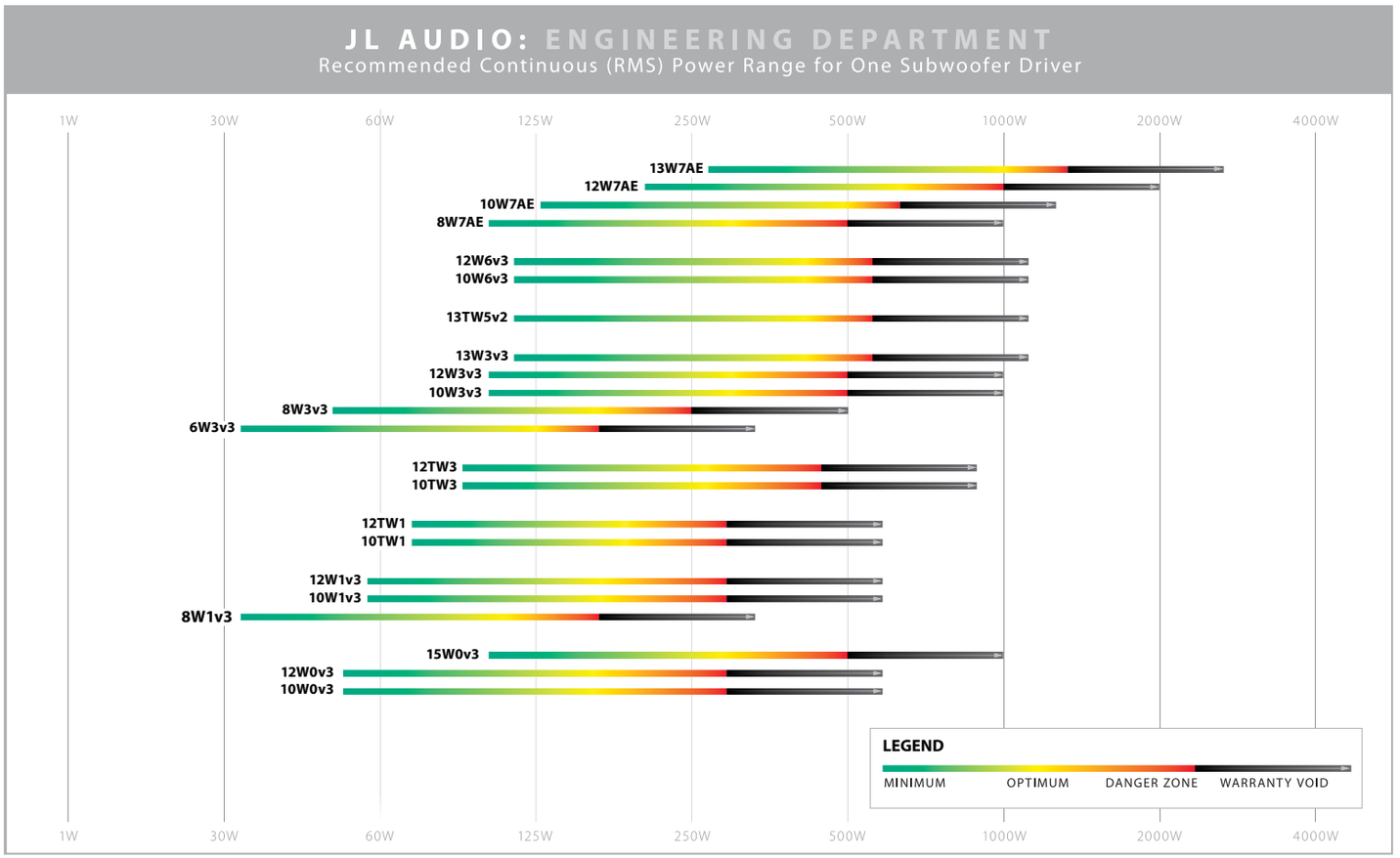


12W0v3: 12-inch driver



15W0v3: 15-inch driver

Recommended Continuous (RMS) Power Range for One Subwoofer



GREEN (MINIMUM):	YELLOW (OPTIMUM):	RED (DANGER ZONE):	BLACK (WARRANTY VOID):
From a reliability standpoint, this zone represents a very comfortable operating power range for each driver. This level of power will not stress the woofer but will not extract all of its performance potential, either. Use of less than the minimum power level will not damage the woofer, but may result in unsatisfactory performance.	This zone represents the best compromise between long-term reliability, high-output and low-distortion performance. This power level is lower than the woofer's continuous power rating (as published in its specifications), but you will still be taking advantage of the woofer's low-distortion performance range without undue risk of failure.	Slightly more SPL will be gained by pushing the power into this zone, but typically not more than 2dB, compared to the yellow zone. The subwoofer is designed to operate safely up to this power range, but not beyond. **Operate with caution.**	We do not recommend operating woofers at this level of power. In this zone, there is a very high probability that the driver will fail due to excessive heat and/or mechanical stress. **Subwoofers operated at these levels of power are NOT covered under warranty.**

JL Audio offers an extensive line of high-performance subwoofers to fit a wide variety of enclosure and power applications. When designing systems with our drivers, it is very important to achieve a good power match between the subwoofer amplifier and the subwoofer's capabilities. The power levels listed in the above chart represent continuous (RMS) amplifier power per woofer and assume that the user will regularly make full use of that power without drastically overdriving the amplifier(s). Make sure you factor system impedance and the total number of subwoofers into your calculations. Adhering to these power recommendations will result in systems that are both reliable and enjoyable.


FOX
OFFROAD
RIGID
MILE MARKER
TOYOTIRES
METHOD
JL AUDIO

C7

Reference this.

The ultimate in automotive audio fidelity.

VXi amplifiers with built-in DSP are recommended, with individual amplifier channels for each C7 speaker.

C7 Speaker Components

C7 speakers were born with a clear mission to create our finest-ever automotive component speakers.

No detail, material or design element went unexamined in each of the C7 drivers: from the exotic, corundum ceramic-coated diaphragm of the C7 tweeter, to the intricately machined motor plates of the C7 midrange and the ten prototype generations of the C7-650cw woofer's dust cap. These details, and hundreds of others like them, simply had to be perfect for the design team to approve them for the C7 drivers.

To avoid technical compromises, C7 speakers are designed for use with active crossovers. A high-quality DSP, such as the JL Audio TwK™ 88/D8, or a VXi amplifier with built-in DSP is recommended, with individual amplifier channels for each C7 speaker. The power of the DSP can be used to optimize the performance of the C7 speaker system for its specific application. Delay, crossover parameters and precise equalization can be used to adjust for speaker placement, cabin acoustics and target response. In the end, all these efforts lead to a spectacular musical presentation, easily exceeding the performance boundaries of typical, high-end, car audio speaker systems.

When you listen to C7, you will hear a level of resolution, precision and imaging that suspends disbelief, opening a window to an intensely pure audio experience.

C7 is the pinnacle of JL Audio automotive loudspeaker design!

C7-100ct: 1-inch (25 mm) Tweeter

The C7-100ct component tweeter is designed to deliver unparalleled high-frequency performance. Utilizing a corundum ceramic-coated aluminum alloy diaphragm suspended via a treated silk, s-roll surround, it provides spectacularly detailed reproduction of treble frequencies with outstanding off-axis response.

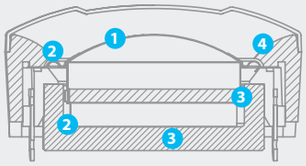
Design Bandwidth:
With 48 dB/octave filters: 3,000 Hz - 30,000 Hz
With 24 dB/octave filters: 4,000 Hz - 30,000 Hz
With 12 dB/octave filters: 5,000 Hz - 30,000 Hz

Sold individually, with flush and surface mounting fixtures and hardware. One 15µF tweeter protection capacitor is also included.

C7 Models / Rec. Power Range

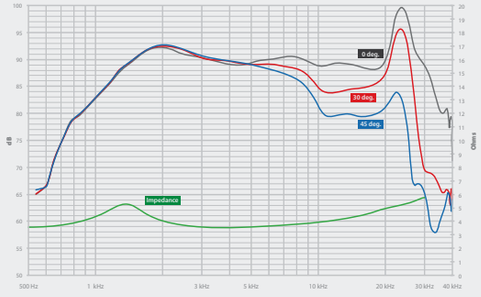
C7-650cw Component Woofer
6.5-inch / 50-175W RMS
C7-350cm Component Midrange
3.5-inch / 50-150W RMS
C7-100ct Component Tweeter
1-inch / 50-150W RMS

C7-100ct Design & Technologies



01 - **Dome Diaphragm:** Corundum ceramic-coated aluminum alloy diaphragm exhibits high stiffness, very low mass and excellent environmental stability.
02 - **Suspension Design:** The diaphragm's motion is centered, sprung and damped by a treated silk, s-roll surround. Ferrofluid in the magnetic gap acts as a rear suspension element in this design. The two combine to provide optimum damping without unduly restricting excursion.
03 - **Motor Design:** The C7-100ct employs a high-density magnetic circuit with a high-grade, neodymium magnet, and a specially machined, U-Yoke motor topology. An under-hung voice coil is employed, wound with copper-clad aluminum wire onto an aluminum voice coil former. Motor magnetics have been precisely optimized utilizing advanced FEA tools to lower even order distortion and IMD/AMD.
04 - **Acoustical Design:** The shape of the tweeter housing is designed to boost sensitivity in a very specific bandwidth, helping to flatten the frequency response and provide directivity control.

C7-100ct Frequency Response



C7-350cm:
3.5-inch (90 mm) Midrange

The C7-350cm component midrange is designed to operate in a 3-way system, with a woofer and tweeter. Conceived and purpose-built from the ground up, it offers exceptional transient response and outstanding linearity, resulting in unsurpassed clarity and natural mid-range reproduction.

Design Bandwidth:
With 48 dB/octave filters: 300 Hz - 10 kHz
With 24 dB/octave filters: 400 Hz - 10 kHz
With 12 dB/octave filters: 500 Hz - 10 kHz

Built in USA with Global Components

Sold individually, with a cast-alloy grille tray, one fine mesh steel grille insert and one spiral steel grille insert.

C7-650cw:
6.5-inch (165 mm) Woofer

The C7-650cw component woofer is capable of operating in a 3-way system, with a midrange and tweeter, or with only a tweeter in a 2-way configuration. Engineered from the ground up, it has exceptional linear excursion capability and outstanding linearity, resulting in solid mid-bass and pure, precise, mid-range performance.

Design Bandwidth:
With 48 dB/octave filters: 50 Hz - 5 kHz
With 24 dB/octave filters: 60 Hz - 5 kHz
With 12 dB/octave filters: 70 Hz - 5 kHz

Built in USA with Global Components

Sold individually, with a cast-alloy grille tray, one fine mesh steel grille insert and one spiral steel grille insert.

Sold individually, with a cast-alloy grille tray, one fine mesh steel grille insert and one spiral steel grille insert.

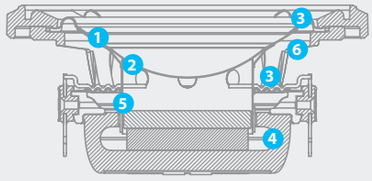
C7-350cm

C7-650cw

C7 Models / Rec. Power Range

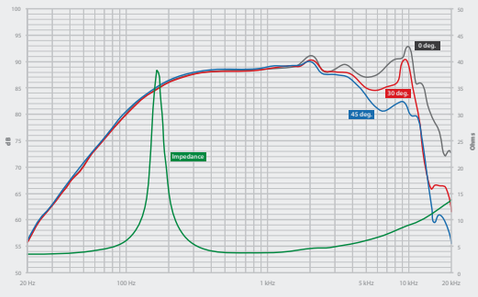
C7-650cw Component Woofer
6.5-inch / 50-175W RMS
C7-350cm Component Midrange
3.5-inch / 50-150W RMS
C7-100ct Component Tweeter
1-inch / 50-150W RMS

C7-350cm Design & Technologies



01 - **Cone:** Vacuum-formed, mineral-filled polypropylene material offers excellent damping and low mass. The cone body features a gentle curvilinear profile to optimize response.
02 - **Dustcap:** A concave dust cap further improves high frequency behavior.
03 - **Suspension Design:** The moving assembly is suspended and damped via a linear profile spider formed from a Nomex®/polycotton blend, and a positive-roll, rubber surround. The two combine to provide optimum damping without prematurely restricting the C7-350cm's excursion capability.
04 - **Motor Design:** The C7-350cm employs a high-density magnetic circuit with a high-grade, neodymium magnet, and a specially machined, U-Yoke motor topology. Motor magnetics have been precisely optimized utilizing advanced FEA tools to reduce distortion and provide linear motor force throughout the driver's performance range.
05 - **Voice Coil:** A 36 mm (1.42 inch) diameter, overhung voice coil is employed, wound with copper-clad aluminum wire onto a fiberglass voice coil former. The oversized voice coil offers extended power handling capability, minimizing thermal compression and distortion at higher listening levels.
06 - **Chassis Design:** A purpose-engineered cast alloy basket is employed, featuring thin spokes to maximize rear open area, and our advanced Elevated Frame Cooling technology.

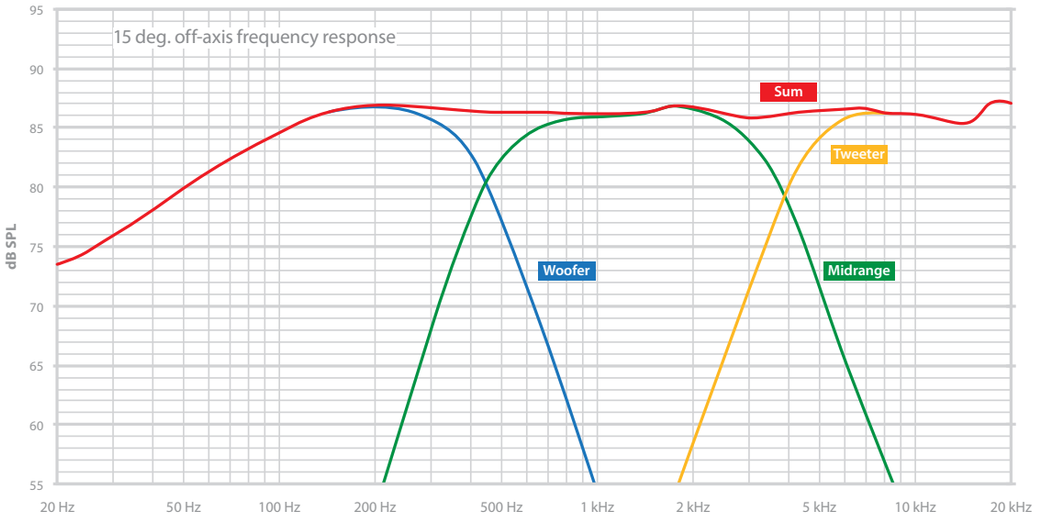
C7-350cm Frequency Response



Recommended Crossover Setting Guidelines

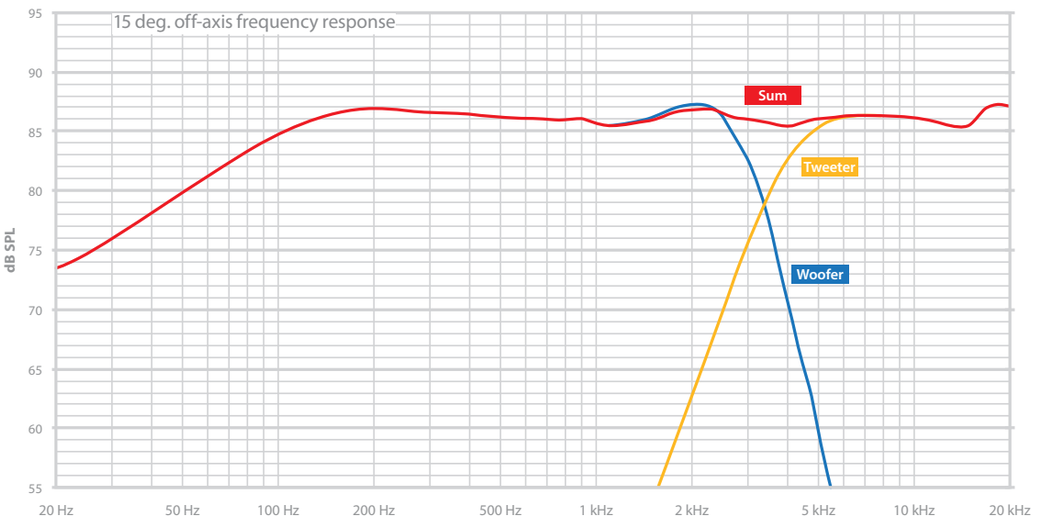
C7 3-Way Speaker System

C7-650cw Woofer
Low-Pass: 24 dB/octave Linkwitz-Riley @ 400 Hz
Level Offset: 0 dB
C7-350cm Midrange
High-Pass: 24 dB/octave Linkwitz-Riley @ 480 Hz
Low-Pass: 24 dB/octave Linkwitz-Riley @ 3500 Hz
Level Offset: 0 dB
C7-100ct Tweeter
High-Pass: 24 dB/octave Linkwitz-Riley @ 4500 Hz
Level Offset: -1.0 dB



C7 2-Way Speaker System

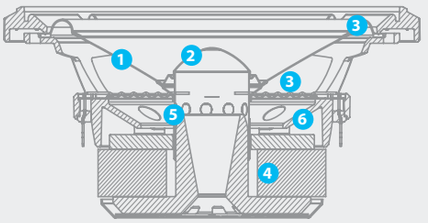
C7-650cw Woofer
Low-Pass: 24 dB/octave Linkwitz-Riley @ 2700 Hz
Level Offset: 0 dB
C7-100ct Tweeter
High-Pass: 24 dB/octave Linkwitz-Riley @ 4000 Hz
Level Offset: -1.0 dB



C7 Models / Rec. Power Range

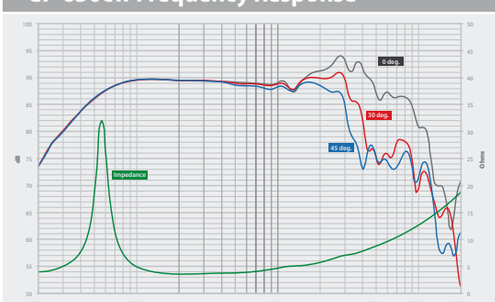
C7-650cw Component Woofer
6.5-inch / 50-175W RMS
C7-350cm Component Midrange
3.5-inch / 50-150W RMS
C7-100ct Component Tweeter
1-inch / 50-150W RMS

C7-650cw Design & Technologies



01 - **Cone:** Vacuum-formed, mineral-filled polypropylene material offers excellent damping and low mass. The cone body features a gentle curvilinear profile to optimize response.
02 - **Dustcap:** A specially shaped dust cap attaches to the cone body and the voice coil former to improve high frequency behavior.
03 - **Suspension Design:** The moving assembly is suspended and damped via a large-diameter, linear profile spider formed from a Nomex®/ polycotton blend, and a positive-roll, rubber surround. The two combine to provide optimum damping without prematurely restricting the C7-650cw's outstanding excursion capability.
04 - **Motor Design:** The C7-650cw employs a high-density magnetic circuit with a high-grade Y35 Strontium-ferrite magnet, and a specially machined, T-Yoke motor topology. Motor magnetics have been precisely optimized utilizing advanced FEA tools to reduce distortion and provide linear motor force throughout the driver's performance range.
05 - **Voice Coil:** A 32 mm (1.27 inch) diameter, overhung voice coil is employed, wound with copper wire onto a fiberglass voice coil former. The oversized voice coil offers extended power handling capability, minimizing thermal compression and distortion at higher listening levels.
06 - **Chassis Design:** A purpose-engineered cast alloy basket is employed, featuring thin spokes to maximize rear open area, and our advanced Elevated Frame Cooling technology.

C7-650cw Frequency Response



C5

"The off-axis response of the tweeter is as good as any from recent memory, and the exceptional clarity and solid bottom end of the woofers kept me grinning no matter what I played!"

- Gary Springgay, Performance Auto & Sound, 2007 Annual Buyer's Guide (review of C5-650)

Brilliantly refined.

BUILT IN GERMANY

World-class sound quality in component or coaxial form.

C5 Component and Coaxial Systems

C5 component and coaxial systems combine the smoothness and transparency of a high-end silk dome tweeter with top-flight woofer performance. Precision-built in Germany, C5 systems incorporate JL Audio's exclusive DMA-optimized motors and pioneering Elevated-Frame Cooling technologies. Midbass capability is outstanding, thanks to DMA and critically engineered suspension designs. Highly flexible crossover networks with premium components bring it all together for an intensely musical and supremely smooth presentation in your car.

C5 Coaxial Models / Rec. Power Range

C5-525x: 5.25-inch / 25-150W RMS
C5-570x: 5x7-inch / 25-150W RMS
C5-650x: 6.5-inch / 25-150W RMS

C5 Component Models / Rec. Power Range

C5-525: 5.25-inch two-way / 25-150W RMS
C5-570: 5x7-inch two-way / 25-150W RMS
C5-650: 6.5-inch two-way / 25-150W RMS
C5-653: 6.5-inch three-way / 25-150W RMS

Highly Linear, DMA-Optimized Woofers

- Outstanding bass response and output capability.
- Amazing linearity at high volume levels and very low distortion.
- Cast alloy frames with groundbreaking Elevated-Frame Cooling design.
- German-built with premium cones and suspensions from Dr. Kurt Müller & Co.

German-Made, Edge-Driven, Pure Silk Dome Tweeters, 0.75-inch diameter

- Extremely smooth high-frequency performance
- Small diameter leads to excellent off-axis response at high-frequencies (can be mounted low and still deliver excellent highs and imaging at the listening position).
- RSR flush-mounting system permits precise tweeter aiming (components only).
- Very minimal tweeter protrusion on coaxials (0.50 – 0.65 inches depending on model).

Highly Adjustable Premium Crossover Networks

- Three levels of midrange presence adjustment and four levels of tweeter level adjustment (12 possible combinations of tuning).
- Premium capacitors and inductors.
- Compact dimensions, easy to mount.

C5-653
6.5 inch 3-Way System

C3

Fidelity, made flexible.

Converts from Coaxial to Component System in Seconds

Spectacular Performance

High Power Handling

C3-650
6.5 inch Convertible Components

C3 Convertible Component Speakers

There are times when an installation calls for a separate woofer and tweeter, and there are other times when a coaxial is the better approach. With C3 Convertible Component Systems, the same product can be deployed in either configuration, delivering outstanding audio quality in each application.

C3's employ JL Audio's full suite of technology advancements and patents to deliver unsurpassed value, performance and reliability.

Coaxial or Component: Which is better?

Both approaches can yield excellent results.

Coaxial mounting has the benefit of placing the tweeter in close proximity to the acoustic center of the woofer, resulting in more coherent output and predictable crossover behavior.

Separate mounting has the benefit of placing the tweeter where it is less likely to be blocked by passenger's legs or other obstructions. As long as you don't separate the tweeter too far from the woofer, this approach will still yield good coherence and predictable crossover behavior.

With C3's, you can easily experiment with both approaches and find the one that suits your installation best.

C3-570
5 x 7 inch Convertible Components

C3 Convertible Models / Rec. Power Range

C3-525: 5.25-inch / 25-150W RMS
C3-570: 5x7-inch / 25-150W RMS
C3-600: 6-inch / 25-150W RMS
C3-650: 6.5-inch / 25-150W RMS

Converts from Coaxial to Component System (and back) in Seconds!

- Quickly converts from coaxial to component system with supplied bayonet-mount tweeter post and tweeter cups.
- Multiple hole patterns on 5x7-inch, 6-inch and 6.5-inch woofers permit mounting into most factory provisions.
- Shallow mounting depths.

Long-Excursion woofer design with molded composite basket and Elevated-Frame Cooling™

- DMA-Optimized for better bass response and output capability.
- Oversized woofer voice coil (1.2-inch / 30.5 mm) delivers superior power handling, less distortion and better overall sound quality at high levels.
- Non-magnetic, composite basket is extremely tough and will never corrode.
- Elevated-Frame Cooling™ improves power handling and sound quality by minimizing heat build-up in the woofer motor.

Pure silk dome tweeters, 1-inch diameter

- Much smoother and cleaner sounding than plastic tweeters.
- Can be mounted low and still deliver excellent highs and imaging at the listening position.
- Flush, surface or coaxial mounting options.

Premium Outboard Crossover Networks

- True 2-way crossover design with 1st order low-pass filter and 2nd order high-pass filter using premium components.
- Midrange compensation (two positions), allows optimization for coaxial or separate mounting of tweeter.
- Adjustable tweeter level (three positions), to set the brightness of the system according to mounting location or listener tastes.

C2

Silky smooth.

Affordable excellence in coaxial and component systems, designed to fit a wide range of vehicles.

The smoothness of a true, edge-driven silk dome tweeter sets C2's apart from the competition!

C2-650x
6.5 inch Coaxials

C2 Component and Coaxial Systems

For a car speaker to excel, it must be thoroughly engineered in all areas. The woofer design must deliver sufficient efficiency, smooth mid-range response and good low-frequency extension. The tweeter must be smooth off-axis, exhibit good extension and be non-fatiguing, while the crossover design must seamlessly blend the sound of the drivers so that the end result is clean, realistic audio performance.

In designing C2 Coaxial and Component Systems, we have drawn from our vast experience in woofer design, as well as the tweeter technologies employed in our world-class C5 component systems. The resulting products deliver a compelling performance solution at a price within reach of any enthusiast seeking the thrill of a truly exceptional listening experience.

C2-690tx
6 x 9 inch 3-Way Speakers

C2 Coaxial Models / Rec. Power Range

C2-350x: 3.5-inch / 10-40W RMS
C2-400x: 4-inch / 10-50W RMS
C2-525x: 5.25-inch / 15-100W RMS
C2-570x: 5x7-inch / 15-100W RMS
C2-600x: 6-inch / 15-100W RMS
C2-650x: 6.5-inch / 15-100W RMS
C2-690tx: 6x9-inch, 3-way / 15-125W RMS

C2 Component Models / Rec. Power Range

C2-525: 5.25-inch two way / 15-100W RMS
C2-600: 6-inch two way / 15-100W RMS
C2-650: 6.5-inch two way / 15-100W RMS

More linear woofer excursion capability than typical competition

- Killer bass response and higher output with less distortion!

Incredibly smooth, real silk dome tweeter – 0.75-inch diameter

- Same tweeter material and basic architecture as used in fine home speakers and studio monitors.
- Smooth and detailed (on or off axis) and very hard to beat in terms of overall performance.
- As lightweight as it gets (good for high frequency extension and efficiency) and very well-damped (doesn't ring like a bell).

Smooth, Controlled Woofer Roll-off

- Allows smooth transition to tweeter
- Eliminates harshness in the upper mid-range
- Well-damped cones and suspensions minimize ringing

Easy Installation in Real-World Vehicles

- Multiple hole patterns and breakaway mounting tabs (depending on model)
- Shallow woofer mounting depths
- Very compact component tweeter (flush or surface mount)
- Minimal coaxial tweeter protrusion (0.45 – 0.56 inches depending on model)

C1

Get Real.

Great performance and unbeatable value, that fits your vehicle.

The pure sound of a real dome tweeter is standard on all C1's.

C1-650
6.5 inch 2-Way
Component System

C1 Component and Coaxial Systems

For those who value substance and great audio performance… C1 is the real deal at a very sweet price!

Benefitting from our expertise in building world-class subwoofers, the woofers in the C1 components and coaxials are engineered to get loud, while maintaining smooth, dynamic, low distortion sound.

The C1's also use real aluminum dome tweeters, with true, 2nd order high-pass filters, for smooth, accurate treble reproduction and low distortion.

To ensure good fit into most vehicles, we offer a wide range of C1 sizes, all with moderate depths and minimal tweeter protrusions, to install neatly behind factory grilles.

Multi-application adaptor rings are included with the C1-650x and C1-650.

C1 Coaxial Models / Rec. Power Range

C1-400x: 4-inch / 10-50W RMS
C1-525x: 5.25-inch / 10-75W RMS
C1-570x: 5x7-inch / 10-75W RMS
C1-650x: 6.5-inch / 10-75W RMS
C1-690x: 6x9-inch / 10-100W RMS
C1-690tx: 6x9-inch, 3-way / 10-100W RMS

C1 Component Models / Rec. Power Range

C1-650: 6.5-inch two way / 10-75W RMS
C1-690: 6x9-inch two way / 10-100W RMS

The sweet sound of real domes!

- True, edge-driven, aluminum dome tweeter design, with silk surround suspension
- Neodymium motors with Ferrofluid cooling and damping, for enhanced reliability and smoothness

High-Performance Tweeter Protection Networks

- Coaxial models are equipped with on-board, 2nd order high-pass filters.
- Component systems include in-line, outboard 2nd order high-pass filters, with Advanced Tweeter Protection Circuitry.

Class-Leading Woofer Designs!

- Mineral-filled, injection-molded, polypropylene cones
- DMA-Optimized motor systems and high-power voice coils improve sound quality and power handling.
- Advanced rear suspension designs with integrated lead wires for enhanced reliability

Made to Fit in Real-World Vehicles

- Moderate mounting depths to drop into most factory speaker locations
- Minimal tweeter protrusion on coaxial models to fit behind factory grills
- Breakaway tabs, adaptor rings and spacer rings (depending on model), all designed to aid in fitting into factory locations. (Woofer grilles are not included with C1 speakers).

C1-690tx
6 x 9 inch 3-Way Speakers

H.O. Wedge™
ProWedge™
MicroSub™
MicroSub+™
PowerWedge™
PowerWedge+™
BassWedge™

Designed by JL Audio's expert subwoofer engineers for optimum woofer performance.

Made in Miramar, FL - U.S.A.*

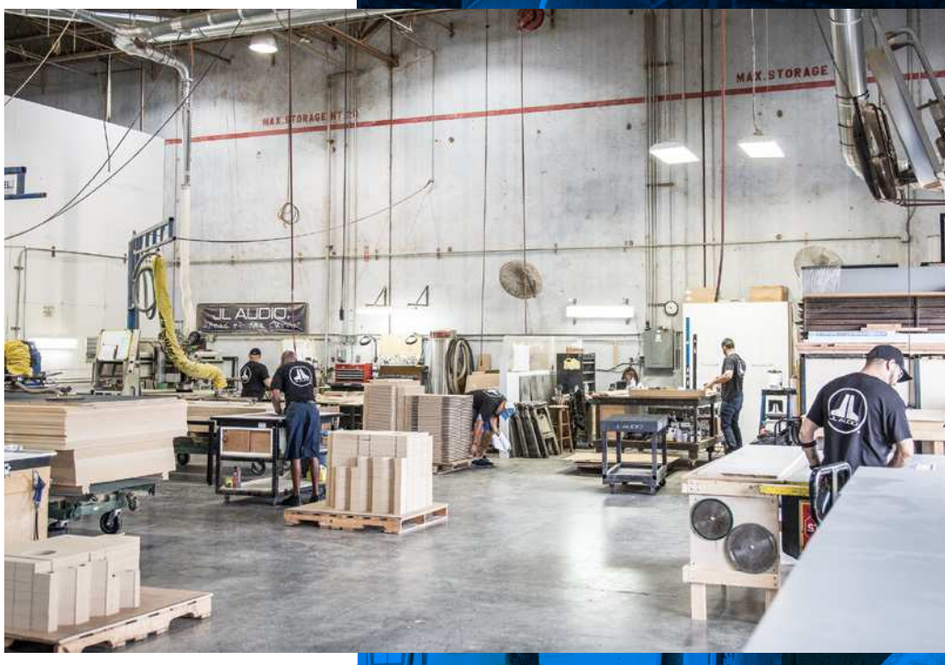
Enclosed Subwoofer Systems

JL Audio enclosed subwoofer systems offer you a wide variety of precisely engineered and assembled subwoofer designs. Much more than "just a speaker box," each model is carefully engineered as a system to work perfectly with its subwoofers for the kind of performance you've come to expect from JL Audio. This very process has made JL Audio the premier innovator and performance leader in engineered sub-bass solutions.

Enclosure designs are precisely modeled using state-of-the-art design software and critically tuned in the lab and in test vehicles. Every dimension, cutout, angle and recess is quantified.

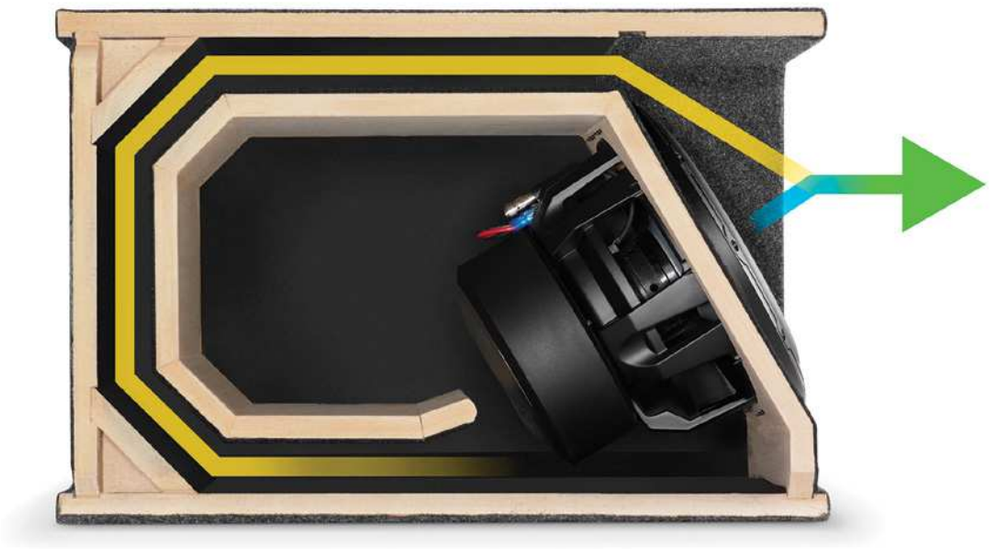
Advanced CNC wood-working stations then cut enclosure component parts with absolute precision and repeatability to ensure precise assembly by the skilled craftsmen in our Miramar, Florida factory.*

All of our Enclosed Subwoofer Systems feature the same legendary JL Audio subwoofers you can buy from your dealer. We do not substitute cheaper drivers in our enclosed systems!



* except BassWedge™ Enclosed Systems, which are imported.

BUILT IN USA • WITH GLOBAL COMPONENTS •



Patented Slot-Port Design wraps around the back and top of the enclosure, coupling to a chamber shared with the front of the driver.

HO112RG-W3v3

HO110-W6v3

W7AE, W6v3 & W3v3 H.O. Wedge™

Excellent sound quality and awesome output!

- Patented slot-ported designs
- Port wall integration / internal bracing ensures structural integrity
- Built in USA with global components.

The W7AE H.O. Wedge system is engineered to extract the immense output capability of the W7 drivers, while still retaining world-class sound quality. Properly sized and tuned to the optimum ported alignment for the 12W7AE, the HO112R-W7AE is shipped wired, loaded and ready to install.

Based on the design of the W7AE High Output system, the W6v3 and W3v3 "H.O.'s" are also built to perform at serious output levels. These woofers have the benefit of smaller enclosure requirements than the W7's, making these H.O. Wedges more compact and easier to place.

☑ LOUDER
☑ CLEARER
☑ PATENTED

CS212OG-W6v3

CLS113RG-W7AE

W6v3 ProWedge™

These ProWedge™ systems incorporate our premium, U.S.-built W6v3 subwoofers in quality, MDF-constructed, sealed enclosures that deliver smooth, powerful and articulate bass. Single driver models feature an ultra-compact design that allows unobtrusive placement in a wide range of vehicles. Dual subwoofer models feature an opposed driver configuration that effectively cancels vibration and movement of the enclosure.

All models are built in our Miramar, Florida factory from CNC-cut MDF and are finished in high-grade automotive carpet. Dual woofer models also feature an attractive, embroidered JL Audio logo. Super-tough, polymer grilles provide outstanding protection from loose cargo. Five-way binding post terminals accept a wide range of speaker wire gauges.

W7AE ProWedge™

The power of the W7 is harnessed within a massively-built sealed enclosure to deliver the ultimate in sub-bass fidelity. Beautiful gloss-black front panels and aluminum bar grilles set them apart.

These systems have it all: extension, impact, detail and smooth response... at any listening level.

CS212OG-TW3

CS112G-TW3

CS212OG-TW3

TW3 ProWedge™

These ProWedge™ systems incorporate our advanced, ultra-thin, U.S.-built TW3 subwoofers in quality, MDF-constructed, sealed enclosures. Single driver models feature an ultra-compact design that allows unobtrusive placement in a wide range of vehicles. Dual subwoofer models feature an opposed driver configuration that effectively cancels vibration and movement of the enclosure.

All models are built in our Miramar, Florida factory from CNC-cut MDF and are finished in high-grade automotive carpet. Dual woofer models also feature an attractive, embroidered JL Audio logo. Super-tough polymer grilles provide outstanding protection from loose cargo. Five-way binding post terminals accept a wide range of speaker wire gauges. Dual woofer models feature one terminal for each woofer.

CP208LG-W3v3

CP110LG-TW1

CP108LG-W3v3
Grille included (not pictured)

Only 5.125 inches deep!

Protective steel mesh grille(s) are included with all systems on this page.

W3v3 & TW1 MicroSub™

Our low-profile, MicroSub™ incorporates an efficient slot-ported design and thin-wall construction with extensive internal bracing to deliver astonishing bass performance in very tight spaces. Each MicroSub™ features precise tuning of our potent W3v3 and thin-line TW1 subwoofers to produce the kind of output and extension normally associated with much larger systems.

All models are built in our Miramar, Florida factory from CNC-cut MDF and are finished in high-grade automotive carpet with an attractive, embroidered JL Audio logo on the front baffle. Steel mesh grilles are included to protect the woofers from loose cargo and five-way binding post terminals accept a wide range of speaker wire gauges.

With MicroSub™ systems, you simply won't believe you're listening to such a compact system!

"You have to hear this one to believe it!"

ACP112LG-TW1

Remote Level Control (RBC-1)
With the addition of an RBC-1 (sold separately), you can control the subwoofer level from the front of the car.

ACP108LG-W3v3

DCD™ Amplifier Technology
Combines direct power conversion with an ultra-high current output section to achieve 94% real-world efficiency!

Amplified W3v3 & TW1 Microsub+™

With MicroSub+ systems, the power is built right into the subwoofer system. A proprietary amplifier, utilizing our exclusive DCD™ technology, extracts maximum output from their specially engineered, ultra low-impedance W3v3 and TW1 drivers. All models include onboard signal processing and accept a variety of input signals. A quick-disconnect power connector makes it easy to remove the subwoofer when you need extra space.

As with all MicroSub™ systems, these amplified versions produce the kind of output and extension normally associated with much larger systems.

Constructed of CNC-cut MDF and built in our Miramar, Florida factory, all models are finished in high-grade automotive carpet with embroidered JL Audio logo and steel mesh grilles to protect the woofers.

CS110LG-TW3

CS212LG-TW1

TW3 & TW1 PowerWedge™

PowerWedge™ systems incorporate our outstanding, thin-line TW3 & TW1 drivers in quality, MDF-constructed, sealed enclosures to produce smooth, powerful and articulate bass. The low-profile design allows them to fit in a wide range of applications.

All models are built in our Miramar, Florida factory from CNC-cut MDF and are finished in high-grade automotive carpet with an attractive, embroidered JL Audio logo. Steel mesh grilles are included with all models to protect the woofers from loose cargo. Five-way binding post terminals accept a wide range of speaker wire gauges.

ACS112LG-TW1

ACS110LG-TW1

Amplified TW1 PowerWedge+™

PowerWedge+ systems take the classic PowerWedge™ formula and enhance it with the addition of a powerful, built-in amplifier. This proprietary amplifier utilizes our exclusive DCD™ technology to extract maximum output from specially engineered, ultra low-impedance TW1 drivers.

All models include onboard signal processing and accept a variety of input signals. A quick-disconnect power connector makes it easy to remove the subwoofer when you need extra space.

As with all PowerWedge™ systems, these amplified versions produce the kind of sound quality and extension that JL Audio subwoofers are known for.

Constructed of CNC-cut MDF and built in our Miramar, Florida factory, all models are finished in high-grade automotive carpet with embroidered JL Audio logo and steel mesh grilles to protect the woofers.

DCD™ Amplifier Technology

Combines direct power conversion with an ultra-high current output section to achieve 94% real-world efficiency!

Remote Level Control (RBC-1)

With the addition of an RBC-1 (sold separately), you can control the subwoofer level from the front of the car.

CS110TG-TW3

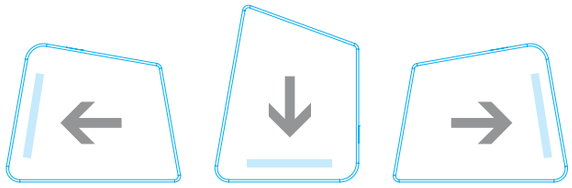
Truck PowerWedge™

For truck owners, three sealed PowerWedge™ systems feature angled front panels and shallow mounting depths to deliver big, beautiful bass in minimal space.

The key to the Truck PowerWedge™ systems' outstanding performance is their state-of-the-art, U.S.-built, thin-line subwoofers.

CS112TG-TW3

CS113TG-TW5v2



Ported BassWedge™ enclosures can be placed to fire forward, backwards or down at the floor, making them extremely versatile.

CP212-W0v3

CP110-W0v3

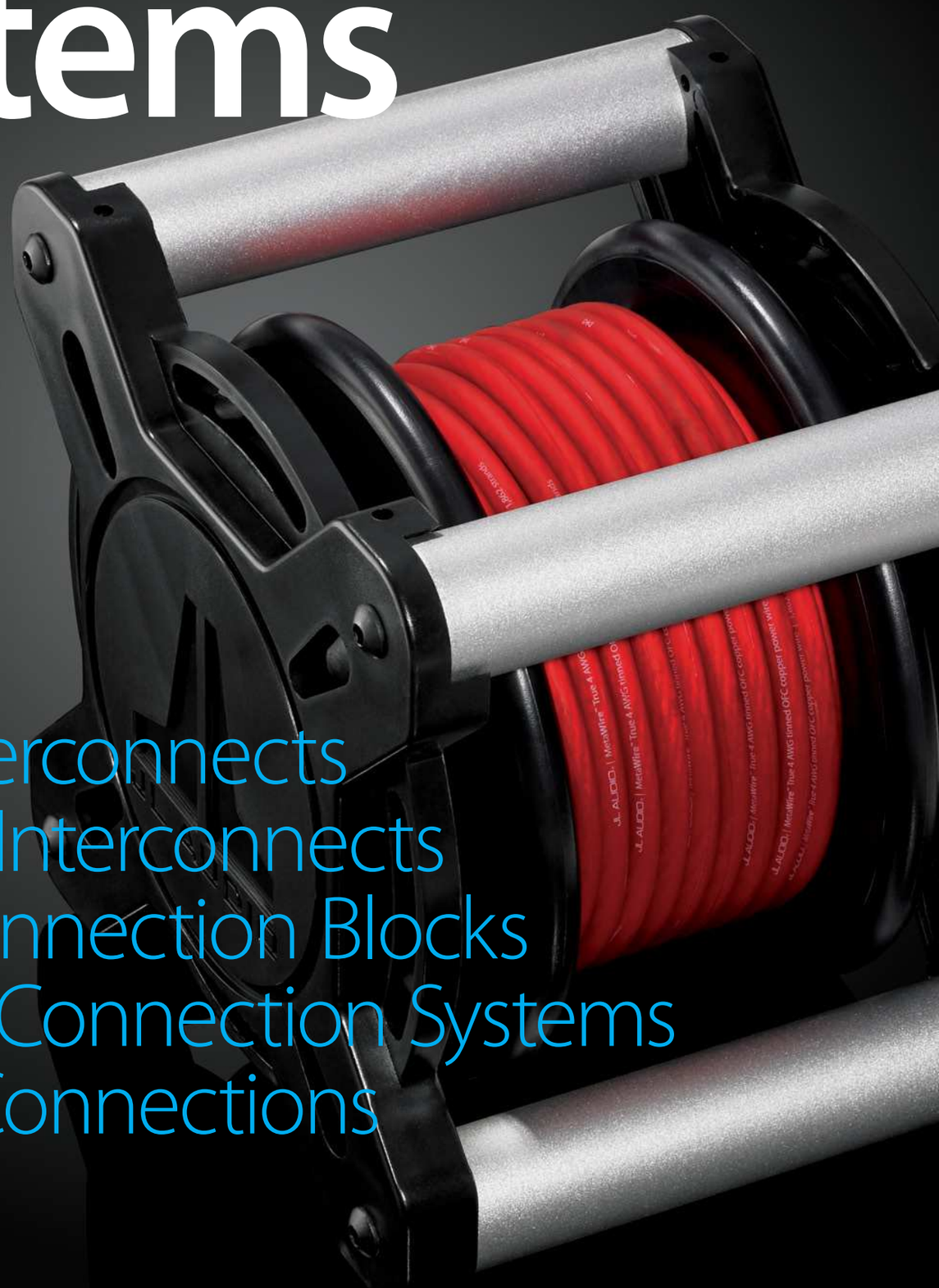
Slot-Ported W0v3 BassWedge™

These affordable systems are centered on our potent W0v3 drivers, loaded into common-chamber, slot-ported enclosures that release a ton of output. They feature a versatile shape that can be placed into a vehicle a number of different ways and are available with single or dual woofers (10-inch or 12-inch). Classy and clean embroidered logos let everyone know who designed your enclosure.

Protective steel mesh grille(s) are not included with the systems on this page, but can be purchased separately.


JL AUDIO®

Engineered Connection Systems



Audio Interconnects
Specialty Interconnects
Power Connection Blocks
Amplifier Connection Systems
Speaker Connections

Twisted-pair construction

Quality materials

Overmolded strain relief and compact connector bodies

We've used the finest materials and construction techniques to make sure that your audio signals come out of our cables exactly the way they came in, without artificial colorations, without added noise and with a level of connection integrity that overcomes the realities of the automotive environment.

Audio Interconnects

Two lines of twisted-pair audio interconnect cables are available:

Core (clear) cables with OFC copper conductors, polyethylene dielectrics and molded connector bodies.

Premium (black) cables with silver-plated OFC copper conductors, Teflon® dielectrics and machined connector bodies.

Two-channel cables:
3 ft. / 0.91 m
6 ft. / 1.83 m
9 ft. / 2.74 m
12 ft. / 3.66 m
18 ft. / 5.49 m
25 ft. / 7.62 m

Four-channel cables (Core only):
12 ft. / 3.66 m
18 ft. / 5.49 m

The following Core (Clear) Audio Interconnect Cables are also available:

XD-CLRAICY-1F2M
Twisted pair audio Y-Adaptor cable w/ molded connectors - 1 female jack / 2 male plugs

XD-CLRAICY-1M2F
Twisted pair audio Y-Adaptor cable w/ molded connectors - 1 male plug / 2 female jacks

XD-CLRAICB-2F
Molded audio barrel connectors - 2 female jack ends

XD-CLRAIC2-SW
2-channel speaker wire to RCA adaptor for high-level signal connection to amplifiers

Specialty Interconnects

These cables are designed to interface portable audio electronics with factory and aftermarket car audio equipment. Small diameter OFC copper audio conductors with polyethylene dielectrics constructed in a tight twisted-pair arrangement for optimum noise rejection. Molded connector bodies with machined, nickel-plated, brass contacts offer superb connection integrity. Satin black cable and connector finish.

XC-MINIAIC2-3
2-channel 3.5mm Mini Plug to Mini Plug - 3 ft. / 0.91 m

XC-MINIAIC2-6
2-channel 3.5mm Mini Plug to Mini Plug - 6 ft. / 1.83 m; Includes Bonus 3.5 mm Inline Coupler!

XD-MINIRCA-6
2-channel 3.5mm Mini Plug to 2 Male RCA Plugs - 6 ft. / 1.83 m; Includes Bonus pair of RCA barrel connectors!

Satin Black Jackets and Connector Plug Bodies are designed to blend into your automotive interior, not to draw attention to themselves.

Digital Interconnects

Specialty cables for connection of digital audio signals or digital data.

XD-AICDO-3
Digital Optical cable with Toslink connectors - 3 ft. / 0.91 m

XD-AICDO-6
Digital Optical cable with Toslink connectors - 6 ft. / 1.83 m

XD-AICDO-12
Digital Optical cable with Toslink connectors - 12 ft. / 3.66 m

XD-USB-A/B-18
Heavy-Duty USB Type A Connector to USB Type B Connector - 18 ft. / 5.49 m

Real Copper Wire
Real Specifications
Real Performance

Premium Power Wire & Speaker Cable

While others play games with undersized wire and different metals to save money while giving you less performance, our premium power wire is made in four sizes specified to true American Wire Gauge (AWG) standards and is 99.999% pure, fine-strand, oxygen-free copper for optimum conductivity and flexibility. Our premium wire is tinned for corrosion resistance and is available with great-looking clear, red or blue translucent jackets.

ECS premium speaker cable is also constructed of 99.999% pure, tinned fine strand OFC copper. The highly durable PVC jacket is flexible and makes the cable easier to run in tight spaces. Available in 16 AWG & 12 AWG sizes with frost blue and clear parallel jackets.

Premium Bulk Power Wire:
Three Color Options:
Translucent Red, Translucent Blue or Clear

Four True AWG sizes:
8 AWG, 4 AWG , 2 AWG or 1/0 AWG

Premium Bulk Power Wire (Spooled):

XD-BPW1/0-50
50 ft. / 15.2 m Translucent Blue
1/0 AWG - Spool

XD-RPW1/0-50
50 ft. / 15.2 m Translucent Red
1/0 AWG - Spool

XD-CPW1/0-50
50 ft. / 15.2 m Clear
1/0 AWG - Spool

XD-BPW2-50
50 ft. / 15.2 m Translucent Blue
2 AWG - Spool

XD-RPW2-50
50 ft. / 15.2 m Translucent Red
2 AWG - Spool

XD-CPW2-50
50 ft. / 15.2 m Clear
2 AWG - Spool

XD-BPW4-100
100 ft. / 30.5 m Translucent Blue
4 AWG - Spool

XD-RPW4-100
100 ft. / 30.5 m Translucent Red
4 AWG - Spool

XD-CPW4-100
100 ft. / 30.5 m Clear
4 AWG - Spool

XD-BPW8-250
250 ft. / 76.2 m Translucent Blue
8 AWG - Spool

XD-RPW8-250
250 ft. / 76.2 m Translucent Red
8 AWG - Spool

XD-CPW8-250
250 ft. / 76.2 m Clear
8 AWG - Spool

Core Power Wire is ideal for lower-power systems and amplifiers:
Available in Red or Black, untinned pure copper
60 Amp or 30 Amp capacities

Core Bulk Power Wire (Spooled):

XD-RPW60A-100
100 ft. / 30.5 m Solid Red
60A Rating - Spool

XD-BPW60A-100
100 ft. / 30.5 m Solid Black
60A Rating - Spool

XD-RPW30A-250
250 ft. / 76.2 m Solid Red
30A Rating - Spool

XD-BPW30A-250
250 ft. / 76.2 m Solid Black
30A Rating - Spool

Speaker Cable (Packs):

XC-BCSC12-25
25 ft. / 7.6 m Blue/Clear
12 AWG - blister pack

XC-BCSC16-25
25 ft. / 7.6 m Blue/Clear
16 AWG - blister pack

Bulk Blue/Clear Speaker Cable (Spooled):

XC-BCSC12-380
380 ft. / 115.8 m Blue/Clear
12 AWG - Spool

XC-BCSC16-500
500 ft. / 152.4 m Blue/Clear
16 AWG - Spool

Additional 1 Year of Warranty Coverage on your JL Audio Amplifier!

JL Audio Amplifier and Premium Power Connection System must be purchased from and installed by an authorized JL Audio dealer. Receipt required.

Compact designs

OmniSert™ wire connection technology

Quality materials for quality results

Amplifier Connection Systems & Products

Whether you are installing a small, single amplifier or a multi-kilowatt system, achieving proper power and ground connections is essential to reliable, enjoyable performance. JL Audio ECS power connection products are intelligently designed to be compact, flexible and to offer solid, low-resistance electrical connections.

For the best value, consider our complete Amplifier Connection Systems, which include everything you need to connect power to one or multiple amplifiers and are available to suit a wide range of systems.

Core Amplifier Connection Systems:

Complete Connection System for one amplifier (up to 60A), with audio interconnect and speaker wire

XD-ACS60: 17 ft. - red power wire; 3 ft. - black ground wire; 17 ft. - blue remote turn-on wire; MAXI™ fuse holder; 60 Amp MAXI™ fuse; 18 ft. - 2-channel, twisted-pair audio interconnect; 25 ft. - blue, parallel-conductor speaker cable; self-tapping ground screw; firewall bushing; wire ties

Complete Connection System for one amplifier (up to 30A), with audio interconnect and speaker wire

XD-ACS30: 17 ft. - red power wire; 3 ft. - black ground wire; 17 ft. - blue remote turn-on wire; MAXI™ fuse holder; 30 Amp MAXI™ fuse; 18 ft. - 2-channel, twisted-pair audio interconnect; 25 ft. - blue, parallel-conductor speaker cable; self-tapping ground screw; firewall bushing; wire ties

Premium Amplifier Power Connection Systems:

1/0 AWG Power Connection System for two amplifiers (up to 200A)

XD-PCS1/0-2B: Frosted-blue 1/0 AWG tinned power wire - 20 ft.; Frosted-blue 4 AWG tinned power wire - 8 ft.; Clear 4 AWG ground wire - 8 ft.; Blue 18 AWG remote turn-on wire - 20 ft.; ANL Master Fuse Block (includes 200A ANL fuse); Two-way Fused Power Distribution Block (MAXI™ fuses sold separately); Master Ground Lug; grommet; cable ties

2 AWG Power Connection System for two amplifiers (up to 150A)

XD-PCS2-2B: Frosted-blue 2 AWG tinned power wire - 20 ft.; Frosted-blue 4 AWG tinned power wire - 8 ft.; Clear 4 AWG ground wire - 8 ft.; Blue 18 AWG remote turn-on wire - 20 ft.; ANL Master Fuse Block (includes 150A ANL fuse); Two-way Fused Power Distribution Block (MAXI™ fuses sold separately); Master Ground Lug; grommet; cable ties

4 AWG Power Connection System for two amplifiers (up to 100A)

XD-PCS4-2B: Frosted-blue 4 AWG tinned power wire - 20 ft.; Frosted-blue 8 AWG tinned power wire - 8 ft.; Clear 8 AWG ground wire - 8 ft.; Blue 18 AWG remote turn-on wire - 20 ft.; ANL Master Fuse Block (includes 100A ANL fuse); Two-way Fused Power Distribution Block (MAXI™ fuses sold separately); Master Ground Lug; grommet; cable ties

4 AWG Power Connection System for one amplifier (up to 100A)

XD-PCS4-1B: Frosted-blue 4 AWG tinned power wire - 19 ft.; Clear 4 AWG tinned ground wire - 3 ft.; Blue 18 AWG remote turn-on wire - 20 ft.; Master Fuse Block (includes 80A MAXI™ fuse, but can be used with 100A fuse also); self-tapping ground screw; grommet; cable ties

8 AWG Power Connection System for one amplifier (up to 40A)

XD-PCS8-1B: Frosted-blue 8 AWG tinned power wire - 19 ft.; Clear 8 AWG tinned ground wire - 3 ft.; Blue 18 AWG remote turn-on wire - 20 ft.; Master Fuse Block (includes 40A MAXI™ fuse); self-tapping ground screw; grommet; cable ties

Connection Products (sold individually):

XB-BTU
Positive (+) or Negative (–) Battery Connector with Three Wire Outputs: 1/0 AWG, 2 AWG, 4 AWG or 8 AWG (in any combination)

XD-BTS
Ultra-compact battery terminal: Fits Pos. (+) or Neg. (–) posts, accepts power ring(s) plus one 8 or 4 AWG wire

XB-SPTM
1 pr. Side-Post to Top-Mount Battery Terminal Adaptors (one positive, one negative)

XB-MGLU
Master Ground Lug: Bolt-on type for 8 AWG, 4 AWG, 2 AWG or 1/0 AWG Power Wire

XD-MFBW-MAXI
Water-Resistant Master MAXI™ Fuse Block for 8 AWG to 4 AWG Power Wire; Fuse sold separately

XB-MFBU-ANL
Master ANL Fuse Block for 4 AWG to 1/0 AWG Power Wire with 25 Wire Entry / Exit Options;
Fuse sold separately

XD-FDBU-2
MAXI™ Fused Power Distribution Block: 4 AWG to 1/0 AWG input, two fused 4 AWG or 8 AWG outputs; Fuses sold separately

XD-FDBU-4
MAXI™ Fused Power Distribution Block: 4 AWG to 1/0 AWG input, four fused 4 AWG or 8 AWG outputs; Fuses sold separately

XD-PDBU-3X
Unfused, Expandable Power Distribution Block: Three 4 AWG to 1/0 AWG connections, four 4 AWG or 8 AWG connections.

Amplifier Specifications

Model	Description	Continuous Power (RMS Method)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
VXi Amplifiers							
VX600/1i	Monoblock, Class D Subwoofer Amplifier with Integrated DSP	400W RMS x 1 @ 4 ohms 500W RMS x 1 @ 3 ohms 600W RMS x 1 @ 2 ohms (Rating at 14.4V supply voltage)	<1%	90 dBA referred to rated power	12 Hz - 500 Hz (+0, -1dB)	>125 @ 4 ohm / 50 Hz >125 @ 2 ohm / 50 Hz	2.12 in. x 9.02 in. x 6.62 in. 54 mm x 229 mm x 168 mm
VX1000/1i	Monoblock, Class D Subwoofer Amplifier with Integrated DSP	600W RMS x 1 @ 4 ohms 800W RMS x 1 @ 3 ohms 1000W RMS x 1 @ 2 ohms (Rating at 14.4V supply voltage)	<1%	87 dBA referred to rated power	12 Hz - 500 Hz (+0, -1dB)	>400 @ 4 ohm / 50 Hz >300 @ 2 ohm / 50 Hz	2.12 in. x 11.32 in. x 6.62 in. 54 mm x 287 mm x 168 mm
VX400/4i	4-Channel, Class D Full-Range Amplifier with Integrated DSP	75W RMS x 4 @ 4 ohms 100W RMS x 4 @ 2 ohms Bridged: 200W RMS x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohm per ch. / 50 Hz >50 @ 2 ohm per ch. / 50 Hz	2.12 in. x 9.02 in. x 6.62 in. 54 mm x 229 mm x 168 mm
VX600/2i	2-Channel, Class D Full-Range Amplifier with Integrated DSP	180W RMS x 2 @ 4 ohms 300W RMS x 2 @ 2 ohms Bridged: 600W RMS x 1 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohm per ch. / 50 Hz >50 @ 2 ohm per ch. / 50 Hz	2.12 in. x 9.81 in. x 6.62 in. 54 mm x 250 mm x 168 mm
VX600/6i	6-Channel, Class D Full-Range Amplifier with Integrated DSP	75W RMS x 6 @ 4 ohms 100W RMS x 6 @ 2 ohms Bridged: 200W RMS x 3 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohm per ch. / 50 Hz >50 @ 2 ohm per ch. / 50 Hz	2.12 in. x 9.81 in. x 6.62 in. 54 mm x 250 mm x 168 mm
VX800/8i	8-Channel, Class D Full-Range Amplifier with Integrated DSP	75W RMS x 8 @ 4 ohms 100W RMS x 8 @ 2 ohms Bridged: 200W RMS x 4 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	12 Hz - 21 kHz (+0, -1dB)	>100 @ 4 ohm per ch. / 50 Hz >50 @ 2 ohm per ch. / 50 Hz	2.12 in. x 11.32 in. x 6.62 in. 54 mm x 287 mm x 168 mm
VX700/5i	5-Channel, Class D System Amplifier with Integrated DSP	75W RMS x 4 + 180W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 300W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	Main Channels: 12 Hz - 24 kHz (+0, -1dB) Sub Channel: 12 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >100 @ 4 ohm / 50 Hz >50 @ 2 ohm / 50 Hz	2.12 in. x 9.81 in. x 6.62 in. 54 mm x 250 mm x 168 mm
VX1000/5i	5-Channel, Class D System Amplifier with Integrated DSP	75W RMS x 4 + 400W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 600W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	99 dBA referred to rated power	Main Channels: 12 Hz - 24 kHz (+0, -1dB) Sub Channel: 12 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >100 @ 4 ohm / 50 Hz >50 @ 2 ohm / 50 Hz	2.12 in. x 11.32 in. x 6.62 in. 54 mm x 287 mm x 168 mm
HD Amplifiers							
HD750/1	Monoblock, Class D Wide-Range Amplifier	750W RMS x 1 @ 1.5 - 4 ohms (Rating at 11V–14.5V supply voltage)	<0.03%	>111 dBA referred to rated power	6 Hz - 8 kHz (+0, -1dB)	>500 @ 4 ohm / 50 Hz >250 @ 2 ohm / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm
HD1200/1	Monoblock, Class D Wide-Range Amplifier	1200W RMS x 1 @ 1.5 - 4 ohms (Rating at 11V–14.5V supply voltage)	<0.03%	>111 dBA referred to rated power	6 Hz - 8 kHz (+0, -1dB)	>500 @ 4 ohm / 50 Hz >250 @ 2 ohm / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm
HD600/4	4-Channel, Class D Full-Range Amplifier	150W RMS x 4 @ 1.5 - 4 ohms Bridged: 300W RMS x 2 @ 3 - 8 ohms (Ratings at 11V–14.5V supply voltage)	<0.03%	>110 dBA referred to rated power	6 Hz - 30 kHz (+0, -1dB)	>300 @ 4 ohm per ch. / 50 Hz >150 @ 2 ohm per ch. / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm
HD900/5	5-Channel, Class D System Amplifier	**Five-Channel Mode:** 100W x 4 + 500W x 1 @ 4 ohms per ch. 75W x 4 + 500W x 1 @ 2 ohms per ch. **Three-Channel Mode:** 150W x 2 + 500W x 1 @ 4 ohms per ch. (Ratings at 11V–14.5V supply voltage)	<0.03%	>108 dBA referred to rated power	Main Channels: 12 Hz - 28 kHz Sub Channel: 12 Hz - 10 kHz (+0, -1dB)	Subwoofer Channel: >800 @ 4 ohm / 50 Hz >400 @ 2 ohm / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm

Amplifier Specifications

Model	Description	Continuous Power (RMS Method)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
XDv2 Amplifiers							
XD300/1v2	Monoblock, Class D Subwoofer Amplifier	200W RMS x 1 @ 4 ohms 300W RMS x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>100 dBA referred to rated power	10 Hz - 1 kHz (+0, -1dB)	>120 @ 4 ohms / 50 Hz >60 @ 2 ohms / 50 Hz	2.05 in. x 6.85 in. x 7.09 in. 52 mm x 174 mm x 180 mm
XD600/1v2	Monoblock, Class D Subwoofer Amplifier	400W RMS x 1 @ 4 ohms 600W RMS x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>87 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohms / 50 Hz >500 @ 2 ohms / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 216 mm x 180 mm
XD1000/1v2	Monoblock, Class D Subwoofer Amplifier	600W RMS x 1 @ 4 ohms 800W RMS x 1 @ 3 ohms 1000W RMS x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>83 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohms / 50 Hz >500 @ 2 ohms / 50 Hz	2.05 in. x 14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
XD200/2v2	2-Channel, Class D Full-Range Amplifier	75W RMS x 2 @ 4 ohms 100W RMS x 2 @ 2 ohms Bridged: 200W RMS x 1 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch. / 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 6.85 in. x 7.09 in. 52 mm x 174 mm x 180 mm
XD400/4v2	4-Channel, Class D Full-Range Amplifier	75W RMS x 4 @ 4 ohms 100W RMS x 4 @ 2 ohms Bridged: 200W RMS x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch. / 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 216 mm x 180 mm
XD600/6v2	6-Channel, Class D Full-Range Amplifier	75W RMS x 6 @ 4 ohms 100W RMS x 6 @ 2 ohms Bridged: 200W RMS x 3 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch. / 50 Hz >75 @ 2 ohm per ch. / 50 Hz	2.05 in. x 10.23 in. x 7.09 in. 52 mm x 260 mm x 180 mm
XD800/8v2	8-Channel, Class D Full-Range Amplifier	75W RMS x 8 @ 4 ohms 100W RMS x 8 @ 2 ohms Bridged: 200W RMS x 4 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch. / 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
XD500/3v2	3-Channel, Class D System Amplifier	75W RMS x 2 + 180W RMS x 1 @ 4 ohms per ch. 100W RMS x 2 + 300W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power (main channels); >103 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 22 kHz; Sub Channel: 10 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >120 @ 4 ohm / 50 Hz >60 @ 2 ohm / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 216 mm x 180 mm
XD700/5v2	5-Channel, Class D System Amplifier with 2-Way / 3-Way Crossover	75W RMS x 4 + 180W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 300W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power (main channels); >103 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 22 kHz Sub Channel: 10 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >120 @ 4 ohm / 50 Hz >60 @ 2 ohm / 50 Hz	2.05 in. x 10.23 in. x 7.09 in. 52 mm x 260 mm x 180 mm
XD1000/5v2	5-Channel, Class D System Amplifier with 2-Way / 3-Way Crossover	75W RMS x 4 + 400W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 600W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power (main channels); >100 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 22 kHz Sub Channel: 10 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >150 @ 4 ohm / 50 Hz >75 @ 2 ohm / 50 Hz	2.05 in. x14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
RD Amplifiers							
RD500/1	Monoblock, Class D Subwoofer Amplifier	250W RMS x 1 @ 4 ohms 350W RMS x 1 @ 3 ohms 500W RMS x 1 @ 2 ohms (Rating at 14.4V supply voltage)	<1%	>80 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohm / 50 Hz >500 @ 2 ohm / 50 Hz	2.13 in. x 9.78 in. x 6.96 in. 54 mm x 248 mm x 177 mm
RD1000/1	Monoblock, Class D Subwoofer Amplifier	600W RMS x 1 @ 4 ohms 800W RMS x 1 @ 3 ohms 1000W RMS x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>80 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohm / 50 Hz >500 @ 2 ohm / 50 Hz	2.13 in. x 14.66 in. x 6.96 in. 54 mm x 372 mm x 177 mm
RD1500/1	Monoblock, Class D Subwoofer Amplifier	750W RMS x 1 @ 4 ohms 1000W RMS x 1 @ 3 ohms 1500W RMS x 1 @ 1-2 ohms (Ratings at 14.4V supply voltage)	<1%	>82 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1100 @ 4 ohm / 50 Hz >550 @ 2 ohm / 50 Hz	2.13 in. x 18.05 in. x 6.96 in. 54 mm x 458 mm x 177 mm
RD400/4	4-Channel, Class D Full-Range Amplifier	75W RMS x 4 @ 4 ohms 100W RMS x 4 @ 2 ohms Bridged: 200W RMS x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch. / 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.13 in. x 9.78 in. x 6.96 in. 54 mm x 248 mm x 177 mm
RD900/5	5-Channel, Class D System Amplifier	70W RMS x 4 + 225W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 500W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	Main Channels: 12 Hz - 22 kHz (+0, -1dB); Sub Channel: 10 Hz - 500 Hz (+0, -3dB)	Subwoofer Channel: >120 @ 4 ohm / 50 Hz >60 @ 2 ohm / 50 Hz	2.13 in. x 14.66 in. x 6.96 in. 54 mm x 372 mm x 177 mm

Amplifier Specifications

Model	Description	Continuous Power (RMS Method)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
JD Amplifiers							
JD250/1	Monoblock, Class D Subwoofer Amplifier	150W x 1 @ 4 ohms 200W x 1 @ 3 ohms 250W x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>80 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohm / 50 Hz >500 @ 2 ohm / 50 Hz	2.10 in. x 9.50 in. x 7.50 in. 53 mm x 242 mm x 190 mm
JD500/1	Monoblock, Class D Subwoofer Amplifier	250W x 1 @ 4 ohms 350W x 1 @ 3 ohms 500W x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>80 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohm / 50 Hz >500 @ 2 ohm / 50 Hz	2.10 in. x 9.50 in. x 7.50 in. 53 mm x 242 mm x 190 mm
JD1000/1	Monoblock, Class D Subwoofer Amplifier	600W x 1 @ 4 ohms 800W x 1 @ 3 ohms 1000W x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>80 dBA referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohm / 50 Hz >500 @ 2 ohm / 50 Hz	2.10 in. x 11.40 in. x 7.50 in. 53 mm x 290 mm x 190 mm
JD400/4	4-Channel, Class D Full-Range Amplifier	75W x 4 @ 4 ohms per ch. 100W x 4 @ 2 ohms per ch. Bridged: 200W x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohm per ch. / 50 Hz >75 @ 2 ohm per ch. / 50 Hz	2.10 in. x 9.50 in. x 7.50 in. 53 mm x 242 mm x 190 mm
MX Amplifiers							
MX300/1	Monoblock, Class D Wide-Range Amplifier	160W x 1 @ 4 ohms 220W x 1 @ 3 ohms 300W x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>85 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>150 @ 4 ohm / 50 Hz >75 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/1	Monoblock, Class D Wide-Range Amplifier	300W x 1 @ 4 ohms 400W x 1 @ 3 ohms 500W x 1 @ 2 ohms (Ratings at 14.4V supply voltage)	<1%	>97 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>115 @ 4 ohm / 50 Hz >54 @ 2 ohm / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX280/4	4-Channel, Class D Full-Range Amplifier	50W RMS x 4 @ 4 ohms 70W RMS x 4 @ 2 ohms Bridged: 140W RMS x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>89.5 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>60 @ 4 ohm / 50 Hz >30 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/4	4-Channel, Class D Full-Range Amplifier	70W x 4 @ 4 ohms per ch. 125W x 2 @ 2 ohms per ch. Bridged: 250W x 2 @ 4 ohms (Ratings at 14.4V supply voltage)	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX600/3	3-Channel, Class D System Amplifier	75W RMS x 2 + 250W RMS x 1 @ 4 ohms per ch. 100W RMS x 2 + 400W RMS x 1 @ 2 ohms per ch. (Ratings at 14.4V supply voltage)	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm

Subwoofer Specifications

Model	Nominal Diameter	Mounting Depth	One-Way, Linear Excursion (Xmax)*	Nominal Impedance (Znom)	Recommended RMS Amplifier Power**	Cont. Power Handling (Pt)	Recommended Sealed Enclosure	Recommended Ported Enclosure	Grille Models (Sold Separately)
W7AE Subwoofers									
8W7AE	8 in. 200 mm	6.83 in. 173 mm	0.75 in. 19 mm	3 ohm	200W-500W	500W	0.875 cu. ft. / 24.8 liters	1.00 cu. ft. / 28.3 liters	SGR-8W7
10W7AE	10 in. 250 mm	8.0 in. 203 mm	0.90 in. 23 mm	3 ohm	300W-750W	750W	1.25 cu. ft. / 35.4 liters	1.50 cu. ft. / 42.5 liters	SGR-10W7
12W7AE	12 in. 300 mm	9.5 in. 241 mm	1.15 in. 29 mm	3 ohm	400W-1000W	1000W	1.375 cu. ft. / 38.94 liters	1.750 cu. ft. / 49.56 liters	SGR-12W7
13W7AE	13.5 in. 343 mm	10.5 in. 267 mm	1.25 in. 32 mm	Dual 1.5 ohm	500W-1500W	1500W	1.875 cu. ft. / 53.1 liters	2.375 cu. ft. / 67.3 liters	SGR-13W7
W6v3 Subwoofers									
10W6v3	10 in. 250 mm	6.89 in. 175 mm	0.75 in 19 mm	Dual 4 ohm	200W-600W	600W	0.55 cu ft / 15.60 liters	0.75 cu ft / 21.2 liters	SGR-10W6v2/v3
12W6v3	12 in. 300 mm	7.52 in 191 mm	0.75 in 19 mm	Dual 4 ohm	200W-600W	600W	1.00 cu. ft. / 28.3 liters	1.30 cu. ft. / 36.8 liters	SGR-12W6v2/v3
TW5v2 Subwoofers									
13TW5v2	13.5 in. 343 mm	2.625 in. 67 mm	0.433 in. 11 mm	13TW5v2-2: 2 ohm 13TW5v2-4: 4 ohm	250W-600W	600 W	0.80 cu. ft. / 22.7 liters	Not recommended	SGRU-13
TW3 Subwoofers									
10TW3	10 in. 250 mm	3.25 in. 83 mm	0.60 in. 15.2 mm	10TW3-D4: Dual 4 ohm 10TW3-D8: Dual 8 ohm	100W-400W	400W	10TW3-D4: 0.50 cu ft / 14.16 liters 10TW3-D8: 0.575 cu ft / 16.3 liters	10TW3-D4: 0.60 cu ft / 17.0 liters 10TW3-D8: 0.75 cu ft / 21.2 liters	SGR-10TW3
12TW3	12 in. 300 mm	3.50 in. 89 mm	0.60 in. 15.2 mm	12TW3-D4: Dual 4 ohm 12TW3-D8: Dual 8 ohm	100W-400W	400W	12TW3-D4: 0.80 cu ft / 22.7 liters 12TW3-D8: 1.00 cu ft / 28.3 liters	12TW3-D4: 0.95 cu ft / 26.9 liters 12TW3-D8: 1.30 cu ft / 36.8 liters	SGR-12TW3
W3v3 Subwoofers									
6W3v3	6.5 in. 165 mm	4.25 in. 108 mm	0.35 in. 8.9 mm	4 ohm	50W-150W	150W	0.15 cu. ft. / 4.2 liters	0.25 cu. ft. / 7.1 liters	SGRU-6
8W3v3	8 in. 200 mm	4.63 in. 118 mm	0.375 in. 10.0 mm	4 ohm	75W-250W	250W	0.30 cu. ft. / 8.5 liters	0.35 cu. ft. / 9.9 liters	SGRU-8
10W3v3	10 in. 250 mm	5.93 in. 151 mm	0.550 in. 14.0 mm	10W3v3-2: 2 ohm 10W3v3-4: 4 ohm	150W-500W	500W	0.625 cu. ft. / 17.7 liters	10W3v3-2: 1.250 cu. ft. / 35.4 liters 10W3v3-4: 1.125 cu. ft. / 31.9 liters	SGRU-10
12W3v3	12 in. 300 mm	6.65 in. 169 mm	0.510 in. 13.0 mm	12W3v3-2: 2 ohm 12W3v3-4: 4 ohm	150W-500W	500W	12W3v3-2: 1.250 cu. ft. / 35.4 liters 12W3v3-4: 1.125 cu. ft. / 31.8 liters	1.75 cu. ft. / 49.6 liters	SGRU-12
13W3v3	13.5 in. 343 mm	7.63 in. 194 mm	0.610 in. 15.5 mm	13W3v3-2: 2 ohm 13W3v3-4: 4 ohm	150W-600W	600W	13W3v3-2: 1.75 cu. ft. / 49.6 liters 13W3v3-4: 1.50 cu. ft. / 42.5 liters	13W3v3-2: 2.50 cu. ft. / 70.8 liters 13W3v3-4: 2.25 cu. ft. / 63.7 liters	SGRU-13
TW1 Subwoofers									
10TW1	10 in. 250 mm	4.36 in. 111 mm	0.40 in. 10.0 mm	10TW1-2: 2 ohm 10TW1-4: 4 ohm	75W-300W	300W	0.35 cu. ft. / 9.91 liters	0.625 cu. ft. / 17.7 liters	SGR-10TW1
12TW1	12 in. 300 mm	4.62 in. 117 mm	0.40 in. 10.0 mm	12TW1-2: 2 ohm 12TW1-4: 4 ohm	75W-300W	300W	0.65 cu. ft. / 18.41 liters	1.125 cu. ft. / 31.86 liters	SGR-12TW1
W1v3 Subwoofers									
8W1v3	8 in. 200 mm	3.86 in. 98 mm	0.30 in. 8.0 mm	4 ohm	50W-150W	150W	0.35 cu. ft. / 9.9 liters	0.50cu. ft. / 14.2 liters	SGRU-8
10W1v3	10 in. 250 mm	4.6 in. 117 mm	0.45 in. 11.4 mm	10W1v3-2: 2 ohm 10W1v3-4: 4 ohm	75W-300W	300W	0.55 cu. ft. / 15.6 liters	0.90 cu. ft. / 25.5 liters	SGRU-10
12W1v3	12 in. 300 mm	5.41 in. 137 mm	0.45 in. 11.4 mm	12W1v3-2: 2 ohm 12W1v3-4: 4 ohm	75W-300W	300W	1.10 cu. ft. / 31.5 liters	1.60 cu. ft. / 45.3 liters	SGRU-12
W0v3 Subwoofers									
10W0v3	10 in. 250 mm	4.9 in. 124 mm	0.45 in. 11.4 mm	4 ohm	75W-300W	300W	0.65 cu. ft. / 18.4 liters	1.125 cu. ft. / 31.86 liters	SGRU-10
12W0v3	12 in. 300 mm	5.4 in. 137 mm	0.45 in. 11.4 mm	4 ohm	75W-300W	300W	1.375 cu. ft. / 38.9 liters	1.75 cu. ft. / 49.56 liters	SGRU-12
15W0v3	15 in. 380 mm	7.15 in. 182 mm	0.50 in. 12.7 mm	4 ohm	150W-500W	500W	1.875 cu. ft. / 53.1 liters	2.75 cu.ft. / 77.88 liters	SGRU-15

***One-Way Linear Excursion (Xmax):** Specifications are derived via one-way voice coil overhang method with no correction factors applied.

****Recommended RMS Amplifier Power for Subwoofers:** This is the RMS amplifier power recommended by JL Audio for each driver. Choosing a good quality amplifier in this power range will make use of the woofer's low-distortion performance envelope, without undue risk of failure. Use of less than the recommended power range may not damage the woofer, but may result in unsatisfactory performance. Caution must be excercised when using amplifiers that approach or meet the maximum recommended power. Use of an amplifier that exceeds the driver's "Continuous Power Handling (Pt)" specification voids the warranty.

C7 / C5 / C3 Specifications

Model	Description	Grilles Included?	Recommended RMS Amplifier Power*	Continuous Power Handling (Pt)	System Efficiency (@ 1W/1m)	Nominal Impedance	Frequency Response (± 3 dB)
C7 Speaker Components							
C7-100ct	1 in. / 25 mm Corundum Ceramic-Coated, Aluminum Dome Component Tweeter, Single	Yes	50 - 150 Watts / Ch.	100W / Ch.	86.5 dB	4 ohms	3 KHz - 30 KHz
C7-350cm	3.5 in. / 90 mm Component Midrange, Single	Yes	50 - 150 Watts / Ch.	100W / Ch.	86.5 dB	4 ohms	300 Hz - 10 KHz
C7-650cw	6.5 in. / 165 mm Component Woofer, Single	Yes	50 - 175 Watts / Ch.	125W / Ch.	87.0 dB	4 ohms	50 Hz - 5 KHz
C5 Component and Coaxial Systems							
C5-525x	2-Way Coaxials: 5.25 in. / 130 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	88.5 dB	4 ohms	53 Hz - 25 KHz
C5-525	2-Way Component System: 5.25 in. / 130 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	88.5 dB	4 ohms	53 Hz - 25 KHz
C5-570x	2-Way Coaxials: 5.0 x 7.0 in. / 125 x 180 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters; also fits 6x8 in. factory locations	No	25 - 150 Watts / Ch.	75W / Ch.	90.5 dB	4 ohms	48 Hz - 25 KHz
C5-570	2-Way Component System: 5.0 x 7.0 in. / 125 x 180 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters; also fits 6x8 in. factory locations	No	25 - 150 Watts / Ch.	75W / Ch.	90.5 dB	4 ohms	48 Hz - 25 KHz
C5-650x	2-Way Coaxials: 6.50 in. / 165 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	89.5 dB	4 ohms	48 Hz - 25 KHz
C5-650	2-Way Component System: 6.50 in. / 165 mm Woofers; 0.75 in. / 19 mm Silk Soft Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	89.5 dB	4 ohms	48 Hz - 25 KHz
C5-653	3-Way Component System: 6.50 in. / 165 mm Woofers; 4.0 in. / 100 mm Midrange 0.75 in. / 19 mm Silk Soft Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	89.5 dB	4 ohms	48 Hz - 25 KHz
C3 Convertible Component Systems							
C3-525	2-Way Convertible Component System: 5.25 in. / 130 mm Woofers; 1.0 in. / 25 mm Silk Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	90.0 dB	4 ohms	48 Hz - 25 KHz
C3-570	2-Way Convertible Component System: 5.0 x 7.0 in. / 125 x 180 mm Woofers; 1.0 in. / 25 mm Silk Dome Tweeters; also fits 6x8 in. factory locations	No	25 - 150 Watts / Ch.	75W / Ch.	90.0 dB	4 ohms	48 Hz - 25 KHz
C3-600	2-Way Convertible Component System: 6.0 in. / 150 mm Woofers; 1.0 in. / 25 mm Silk Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	89.5 dB	4 ohms	50 Hz - 25 KHz
C3-650	2-Way Convertible Component System: 6.5 in. / 165 mm Woofers; 1.0 in. / 25 mm Silk Dome Tweeters	Yes	25 - 150 Watts / Ch.	75W / Ch.	90.0 dB	4 ohms	48 Hz - 25 KHz

* **Recommended RMS Amplifier Power for Full-Range Speakers (Components and Coaxials):** This is the RMS amplifier power recommended by JL Audio for each speaker system (per channel). A properly set, good quality amplifier in this power range will produce clean, dynamic audio without undue risk of failure when listening to music. Failure to set the amplifier's input sensitivity correctly will compromise reliability. Use of less than the recommended power range will not damage the speakers, but may result in unsatisfactory performance. Use of more power than recommended will compromise reliability with aggressive use and will void the warranty.

C2 / C1 Specifications

Model	Description	Grilles Included?	Recommended RMS Amplifier Power*	Continuous Power Handling (Pt)	System Efficiency (@ 1W/1m)	Nominal Impedance	Frequency Response (± 3 dB)
C2 Component and Coaxial Systems							
C2-350x	2-Way Coaxials: 3.5 in. / 90 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	No	10 - 40 Watts / Ch.	25W / Ch.	83.0 dB	4 ohms	130 Hz - 22 KHz
C2-400x	2-Way Coaxials: 4 in. / 100 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters; includes 4 x 6 in. adaptor plates	Yes	10 - 50 Watts / Ch.	35W / Ch.	84.5 dB	4 ohms	71 Hz - 22 KHz
C2-525x	2-Way Coaxials: 5.25 in. / 130 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	89.0 dB	4 ohms	63 Hz - 22 KHz
C2-525	2-Way Component System: 5.25 in. / 130 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	89.0 dB	4 ohms	63 Hz - 22 KHz
C2-570x	2-Way Coaxials: 5.0 x 7.0 in. / 125 x 180 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters; also fits 6x8 in. factory locations	No	15 - 100 Watts / Ch.	60W / Ch.	90.5 dB	4 ohms	53 Hz - 22 KHz
C2-600x	2-Way Coaxials: 6 in. / 150 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	90.5 dB	4 ohms	59 Hz - 22 KHz
C2-600	2-Way Component System: 6.0 in. / 150 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	90.5 dB	4 ohms	59 Hz - 22 KHz
C2-650x	2-Way Coaxials: 6.5 in. / 165 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	91.0 dB	4 ohms	59 Hz - 22 KHz
C2-650	2-Way Component System: 6.5 in. / 165 mm Woofers; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 100 Watts / Ch.	60W / Ch.	91.0 dB	4 ohms	59 Hz - 22 KHz
C2-690tx	3-Way Coaxials: 6 x 9 in. / 150 x 230 mm Woofers with 2 in. / 51 mm midrange; 0.75 in. / 19 mm Silk Dome Tweeters	Yes	15 - 125 Watts / Ch.	70W / Ch.	93.0 dB	4 ohms	53 Hz - 22 KHz
C1 Component and Coaxial Systems							
C1-400x	2-Way Coaxials: 4 in. / 100 mm Woofers; 0.75 in. / 19 mm Aluminum Dome Tweeters	No	10 - 50 Watts / Ch.	35W / Ch.	84.5 dB	4 ohms	64 Hz - 24 KHz
C1-525x	2-Way Coaxials: 5.25 in. / 130 mm Woofers; 0.75 in. / 19 mm Aluminum Dome Tweeters	No	10 - 75 Watts / Ch.	50W / Ch.	89.0 dB	4 ohms	54 Hz - 24 KHz
C1-570x	2-Way Coaxials: 5.0 x 7.0 in. / 125 x 180 mm Woofers; 0.75 in. / 19 mm Aluminum Dome Tweeters; also fits 6x8 in. factory locations; includes bottom-mount spacer adaptor rings	No	10 - 75 Watts / Ch.	50W / Ch.	90.5 dB	4 ohms	40 Hz - 24 KHz
C1-650x	2-Way Coaxials: 6.5 in. / 165 mm Woofers; 0.75 in. / 19 mm Aluminum Dome Tweeters; includes multi-application adaptor rings	No	10 - 75 Watts / Ch.	50W / Ch.	90.5 dB	4 ohms	48 Hz - 24 KHz
C1-650	2-Way Component System: 6.5 in. / 165 mm Woofers; 0.75 in. / 19 mm Aluminum Dome Tweeters; includes inline high-pass filters & multi-application adaptor rings	No	10 - 75 Watts / Ch.	50W / Ch.	91.0 dB	4 ohms	59 Hz - 22 KHz
C1-690x	2-Way Coaxials: 6 x 9 in. / 150 x 230 mm Woofers; 1 in. / 25 mm Aluminum Dome Tweeters; includes bottom-mount spacer adaptor rings	No	10 - 100 Watts / Ch.	60W / Ch.	91.5 dB	4 ohms	39 Hz - 22 KHz
C1-690	2-Way Component System: 6 x 9 in. / 150 x 230 mm Woofers; 1-inch (25 mm) Aluminum Dome Tweeters; includes inline high-pass filters & bottom-mount spacer adaptor rings	No	10 - 100 Watts / Ch.	60W / Ch.	89.0 dB	4 ohms	39 Hz - 22 KHz
C1-690tx	3-Way Coaxials: 6 x 9 in. / 150 x 230 mm Woofers; 1 in. / 25 mm Aluminum Dome Tweeters; 0.75 in. / 19 mm Aluminum Dome Super Tweeters; includes bottom-mount spacer adaptor rings	No	10 - 100 Watts / Ch.	60W / Ch.	90.5 dB	4 ohms	36 Hz - 24 KHz

* **Recommended RMS Amplifier Power for Full-Range Speakers (Components and Coaxials):** This is the RMS amplifier power recommended by JL Audio for each speaker system (per channel). A properly set, good quality amplifier in this power range will produce clean, dynamic audio without undue risk of failure when listening to music. Failure to set the amplifier's input sensitivity correctly will compromise reliability. Use of less than the recommended power range will not damage the speakers, but may result in unsatisfactory performance. Use of more power than recommended will compromise reliability with aggressive use and will void the warranty.

H.O. Wedge™ / ProWedge™ / MicroSub™ Specifications

Model	Driver(s)	Recommended RMS Amplifier Power*	Continuous Power Handling (Pt)	Impedance	Enclosure Type	Finish	Dimensions H x W x D
W7AE H.O. Wedge™							
HO112R-W7AE	One 12W7AE-3	400W-1000W	1000W	3Ω mono	High-Output, Chamber-coupled, slot-ported, rear-firing design	Dark gray carpet with black insert	17.00 in. x 34.00 in. x 20.50 in. 432 mm x 864 mm x 521 mm
W6v3 H.O. Wedge™							
HO110-W6v3	One 10W6v3-D4	200W-600W	600W	2Ω mono	High-Output, Chamber-coupled, slot-ported, rear-firing design	Dark gray carpet with black insert	14.00 in. x 12.125 in. x 21.75 in. 356 mm x 308 mm x 552 mm
HO112-W6v3	One 12W6v3-D4	200W-600W	600W	2Ω mono	High-Output, Chamber-coupled, slot-ported, rear-firing design	Dark gray carpet with black insert	14.5 in. x 16 in. x 24 in. 368 mm x 406 mm x 610 mm
W3v3 H.O. Wedge™							
HO110RG-W3v3	One 10W3v3-2	150W-500W	500W	2Ω mono	High-Output, Chamber-coupled, slot-ported, rear-firing design	Dark gray carpet with black insert. Three solid, brushed aluminum rods provide stylish woofer protection.	13.50 in. x 29.50 in. x 12.00 in. 343 mm x 749 mm x 305 mm
HO112RG-W3v3	One 12W3v3-2	150W-500W	500W	2Ω mono	High-Output, Chamber-coupled, slot-ported, rear-firing design	Dark gray carpet with black insert. Three solid, brushed aluminum rods provide stylish woofer protection.	15.25 in. x 32.25 in. x 13.50 in. 387 mm x 819 mm x 343 mm
W7AE ProWedge™							
CLS110RG-W7AE	One 10W7AE-3	300W-750W	750W	3Ω mono	Sealed, rear-firing	High-grade black carpet with a gloss-black laminate front baffle trim featuring engraved "JL Audio" and "W7" logos. Three solid, brushed aluminum rods provide stylish woofer protection.	14.625 in. x 17.75 in. x 16.625 in. 371 mm x 451 mm x 422 mm
CLS112RG-W7AE	One 12W7AE-3	400W-1000W	1000W	3Ω mono	Sealed, rear-firing	High-grade black carpet with a gloss-black laminate front baffle trim featuring engraved "JL Audio" and "W7" logos. Three solid, brushed aluminum rods provide stylish woofer protection.	16.50 in. x 21.25 in. x 17.00 in. 419 mm x 540 mm x 432 mm
CLS113RG-W7AE	One 13W7AE-D1.5	500W-1500W	1500W	3Ω mono	Sealed, rear-firing	High-grade black carpet with a gloss-black laminate front baffle trim featuring engraved "JL Audio" and "W7" logos. Three solid, brushed aluminum rods provide stylish woofer protection.	18.25 in. x 22.50 in. x 18.25 in. 464 mm x 572 mm x 464 mm
W6v3 ProWedge™ - Sealed							
CS112G-W6v3	One 12W6v3-D4	300W-600W	600W	2Ω mono	Sealed	State-of-the-art CNC construction, polymer grilles, JL Audio Built in USA embroidered logo, black high-grade automotive carpet	16.00 in. x 14.125 in. x 11.625 in. 406 mm x 359 mm x 295 mm
CS212OG-W6v3	Two 12W6v3-D4	600W-1200W	1200W	4Ω mono	Sealed	State-of-the-art CNC construction, polymer grilles, JL Audio Built in USA embroidered logo, black high-grade automotive carpet	16.00 in. x 14.125 in. x 22.50 in. 406 mm x 359 mm x 572 mm
TW3 ProWedge™ - Sealed							
CS112G-TW3	One 12TW3-D4	200W-400W	400W	2Ω mono	Sealed	State-of-the-art CNC construction, polymer grilles, JL Audio Built in USA embroidered logo, black high-grade automotive carpet	16.25 in. x 14.375 in. x 10.5 in. 413 mm x 365 mm x 267 mm
CS212OG-TW3	Two 12TW3-D4	400W-800W	800W	4Ω mono	Sealed	State-of-the-art CNC construction, polymer grilles, JL Audio Built in USA embroidered logo, black high-grade automotive carpet	16.00 in. x 14.125 in. x 16.375 in. 406 mm x 359 mm x 416 mm
W3v3 MicroSub™ - Slot-Ported							
CP106LG-W3v3	One 6W3v3-4	50W-150W	150W	4Ω mono	Flared slot-port, low-profile design	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	9.625 in. x 14.125 in. x 5.125 in. 245 mm x 359 mm x 130 mm
CP108LG-W3v3	One 8W3v3-4	100W-250W	250W	4Ω mono	Flared slot-port, low-profile design	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	11.00 in. x 18.625 in. x 5.125 in. 279 mm x 473 mm x 130 mm
CP208LG-W3v3	Two 8W3v3-4	200W-500W	500W	2Ω mono	Flared slot-port, low-profile design	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	11.00 in. x 35.50 in. x 5.125 in. 279 mm x 902 mm x 130 mm
TW1 MicroSub™ - Slot-Ported							
CP110LG-TW1-2	One 10TW1-2	75W-300W	300W	2Ω mono	Flared slot-port, low-profile design	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	13.25 in. x 20.875 in. x 6.375 in. 337 mm x 530 mm x 162 mm
CP112LG-TW1-2	One 12TW1-2	75W-300W	300W	2Ω mono	Flared slot-port, low-profile design	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	15.75 in. x 23.75 in. x 9.25 in. 400 mm x 603 mm x 235 mm

MicroSub+™ / PowerWedge™ / PowerWedge+™ / BassWedge™ Specifications

Model	Driver(s)	Recommended RMS Amplifier Power*	Continuous Power Handling (Pt)	Impedance	Enclosure Type	Finish	Dimensions H x W x D
W3v3 MicroSub+™ - Slot-Ported							
ACP108LG-W3v3	One 8W3v3-0.40	250W	250W	0.40Ω mono	Flared slot-port low-profile design.	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	11.125 in. x 18.5 in. x 5.125 in. 283 mm x 470 mm x 130 mm
ACP208LG-W3v3	Two 8W3v3-0.40	500W	500W	0.20Ω mono	Flared slot-port low-profile design.	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	11.125 in. x 36.625 in. x 5.125 in. 283 mm x 905 mm x 130 mm
TW1 MicroSub+™ - Slot-Ported							
ACP110LG-TW1	One 10TW1-0.25	400W	400W	0.25Ω mono	Flared slot-port low-profile design.	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	13.5 in. x 21.00 in. x 6.625 in. 343 mm x 533 mm x 168 mm
ACP112LG-TW1	One 12TW1-0.25	400W	400W	0.25Ω mono	Flared slot-port low-profile design.	State-of-the-art CNC construction, steel-mesh grille, five-way binding post connectors & high-grade black automotive carpet	15.75 in. x 23.75 in. x 9.25 in. 400 mm x 603 mm x 235 mm
TW3 PowerWedge™ - Low-Profile, Sealed							
CS110LG-TW3	One 10TW3-D4	100W-400W	400W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	14.00 in. x 20.75 in. x 4.5 in. 357 mm x 527 mm x 114 mm
CS112LG-TW3	One 12TW3-D4	100W-400W	400W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	15.625 in. x 23.75 in. x 5.063 in. 397 mm x 603 mm x 129 mm
TW1 PowerWedge™ - Low-Profile, Sealed							
CS110LG-TW1-2	One 10TW1-2	75W-300W	300W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	11.75 in. x 15.00 in. x 5.563 in. 298 mm x 381 mm x 141 mm
CS112LG-TW1-2	One 12TW1-2	75W-300W	300W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	13.75 in. x 18.00 in. x 6.625 in. 349 mm x 457 mm x 168 mm
CS210LG-TW1	Two 10TW1-4	150W-600W	600W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	11.75 in. x 22.00 in. x 7.313 in. 298 mm x 559 mm x 186 mm
CS212LG-TW1	Two 12TW1-4	150W-600W	600W	2Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	14.00 in. x 26.25 in. x 8.875 in. 356 mm x 667 mm x 225 mm
TW1 PowerWedge+™ - Low-Profile, Sealed							
ACS110LG-TW1	One 10TW1-0.25	400W	400W	0.25Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	11.125 in. x 18.5 in. x 5.00 in. 283 mm x 470 mm x 127 mm
ACS112LG-TW1	One 12TW1-0.25	400W	400W	0.25Ω mono	Sealed, low-profile design	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & black automotive carpet	13.5 in. x 21.00 in. x 6.625 in. 343 mm x 533 mm x 168 mm
Truck PowerWedge™ - Sealed							
CS113TG-TW5v2	One 13TW5v2-2	250W-600W	600W	2Ω mono	Sealed, truck enclosure	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & high-grade black automotive carpet	15.75 in. x 21.25 in. x 7.25 in. 400 mm x 540 mm x 184 mm
CS110TG-TW3	One 10TW3-D4	100W-400W	400W	2Ω mono	Sealed, truck enclosure	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & high-grade black automotive carpet	12.375 in. x 19.00 in. x 6.25 in. 314 mm x 483 mm x 159 mm
CS112TG-TW3	One 12TW3-D4	100W-400W	400W	2Ω mono	Sealed, truck enclosure	State-of-the-art CNC construction, steel-mesh grilles, five-way binding post connectors & high-grade black automotive carpet	14.625 in. x 21.75 in. x 7.00 in. 371 mm x 537 mm x 178 mm
W0v3 Slot-Ported BassWedge™							
CP110-W0v3	One 10W0v3-4	75W-300W	300W	4Ω mono	Slot-ported, rear or down-firing	MDF Construction, push-terminal connectors, dark gray automotive carpet	13.77 in. x 15.51 in. x 17.38 in. 350 mm x 394 mm x 441 mm
CP112-W0v3	One 12W0v3-4	75W-300W	300W	4Ω mono	Slot-ported, rear or down-firing	MDF Construction, push-terminal connectors, dark gray automotive carpet	15.18 in. x 16.31 in. x 20.33 in. 386 mm x 414 mm x 516 mm
CP210-W0v3	Two 10W0v3-4	150W-600W	600W	2Ω mono	Slot-ported, rear or down-firing	MDF Construction, push-terminal connectors, dark gray automotive carpet	13.77 in. x 29.61 in. x 17.38 in. 350 mm x 752 mm x 441 mm
CP212-W0v3	Two 12W0v3-4	150W-600W	600W	2Ω mono	Slot-ported, rear or down-firing	MDF Construction, push-terminal connectors, dark gray automotive carpet	15.18 in. x 31.375 in. x 20.33 in. 386 mm x 797 mm x 516 mm

* **Recommended RMS Amplifier Power for Enclosed Subwoofer Systems:** This is the RMS amplifier power recommended by JL Audio for each enclosed system. Choosing a good quality amplifier in this power range will make use of the system's low-distortion performance envelope, without undue risk of failure. Use of less than the recommended power range may not damage the woofer(s), but may result in unsatisfactory performance. Caution must be excercised when using amplifiers that approach or meet the maximum recommended power. Use of an amplifier that exceeds the driver's "Continuous Power Handling (Pt)" specification voids the warranty.

Marine sound goes high-end.

Environmental Testing

To build the world's finest marine speakers, all materials, assemblies and completed systems are tested using advanced salt-fog and UV test equipment, to simulate years of exposure to the elements. JL Audio's environmental longevity standards far exceed typical industry standards to deliver years of consistent performance in your boat.

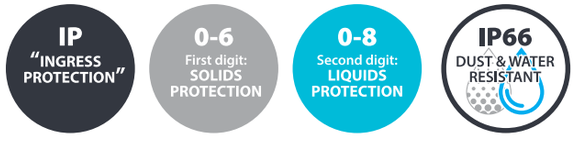
Engineering, environmental testing and assembly all take place in our Miramar, Florida facility, ensuring consistent process control and component part quality.

It's a big reason why so many boat builders and refitters recommend JL Audio marine speakers.

BUILT IN USA • WITH GLOBAL COMPONENTS •

Ingress Protection (IP) Ratings

Established by the International Electrotechnical Commission (IEC), the IP , or "Ingress Protection" (IEC standard 60529) Code, defines and rates the degree of protection provided by enclosures against intrusion from foreign particles and moisture. The digits indicate an enclosure's sealing effectiveness with the conditions established by the standard. Ratings range from 0, where no protection is provided, to 6 for solid particles and 9 for liquids, indicating the highest rated protection. A number replaced with the letter X indicates the enclosure is not rated for that spec.



ASTM INTERNATIONAL
Standards Worldwide

ASTM International Test Standards:

B117 - Salt/Fog Test Standard

The salt/fog test standard provides accelerated aging in a controlled corrosive environment to produce relative corrosion resistance information for specimens of metals and coated metals.

D4329 - UV Test Standard

The UV test standard is intended to induce property changes associated with end-use conditions, including the effects of sunlight, moisture, and heat.

JL Audio marine speakers and subwoofers easily exceed industry norms for salt and UV exposure.

MediaMaster®

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

MediaMaster®

Great audio begins here.

Achieving amazing sound on the water has never been easier, thanks to our family of MediaMaster® source units.

Specifically engineered for marine and powersports applications, each model is outfitted with a variety of tuner and connectivity options, plus multi-zone level controls, for maximum listening flexibility and convenience.

Every MediaMaster® is NMEA 2000® Certified for direct integration with vessel networks, allowing control functionality from a variety of Marine Multi-Function Displays* (MFD).

If top-quality audio is your priority, a MediaMaster® belongs on your boat.

MM100s-BE
Premium Marine Source Unit with Full-Color LCD Display

MM100s-BE

The MM100s-BE is a weatherproof (IP66 rated), premium marine source unit built to withstand real saltwater environments. Oversized controls and a super-bright, customizable, 3.5-inch full-color LCD display, make it the perfect command center for non-stop audio adventures on the water, day or night.

Mechless audio source options include digital AM/FM tuner (with NOAA weatherband capability), SiriusXM-Ready™, Bluetooth® connectivity, USB direct digital connection and an analog AUX input.

Designed to put sound quality first, the MM100s-BE offers audiophile, line-level outputs only, ideal for use with JL Audio marine amplifiers. Four independent audio zones, each with its own set of configurable control options, make the MM100s-BE adaptable to a wide range of system types.

IP66 DUST & WATER RESISTANT

Weatherproof Design:
IP66 rated and built to withstand the elements.

NMEA 2000® Certified:
Interface directly with existing vessel networks.

NMEA 2000®

* Refer to MFD manufacturer for compatibility info.

MM50
Powered Marine Source Unit
with Full-Color LCD Display

MM50

The MM50 is a high-performance, single-chassis source unit, engineered to deliver outstanding fidelity and advanced audio features, in all outdoor environments.

Featuring a weatherproof (IP66 rated) design, the MM50 houses an ultra-bright, 2.8-inch full-color LCD display with separate Day/Night lighting themes. Included audio source options include digital AM/FM tuner, Bluetooth® connectivity, USB direct digital connection and an analog AUX input.

A rock-solid, onboard amplifier generates 100 watts (25W RMS x 4) of break-through sound to power your speakers directly. You also have six channels of top-notch, line-level outputs from two independent main zones, plus a dedicated subwoofer zone to feed any outboard amplifiers.

MM80-HR

The MM80-HR hidden receiver operates behind the scenes and includes a digital AM/FM tuner, along with a variety of digital and analog connectivity options.

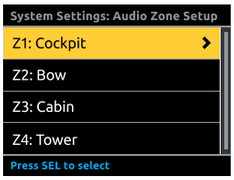
Built-in NMEA 2000® connectivity permits direct control using a compatible MFD from Simrad, Lowrance or B&G.* You can also control it with our MMR-40 NMEA 2000® Network Controller, which has a full color LCD display. Flexible audio zone output options include line-level outputs and a built-in 120-watt amplifier.

MM80-HR
Hideaway Marine Source Unit

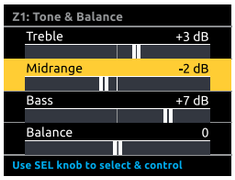
MediaMaster® Model	Remote Control Options	NMEA 2000® Control Options
 MM100s-BE  MM50	 MMR-20-BE Wired Remote Controller	 MMR-40 Network Controller  MFD*
 MM80-HR		 MMR-40 Network Controller  MFD*

Audio Zones

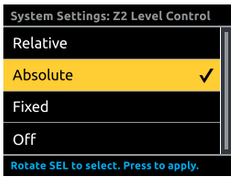
MM100s-BE screens shown with four zones



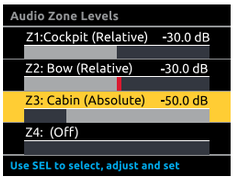
Choose a name, or create your own for each Audio Zone, and then configure each zone to operate just the way you want.



Operate each Audio Zone with its own tone and balance controls, or run them all from the main zone tone controls.



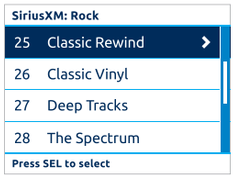
Choose one of three Level Control modes for each Zone, or shut a Zone down completely.



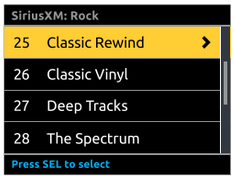
Main Audio Zone screen lets you see all the Audio Zone levels, making it easy to adjust output levels, even when you are on the move.

Display Themes

MM100s-BE screens shown with optional SiriusXM



Display Theme 1, optimized for Day Mode



Display Theme 2, optimized for Night Mode

Connect your favorite devices

MM100s-BE screens shown

Play music directly from your connected USB storage device and use the MM100s-BE to control playback.

Enjoy full USB control of your compatible iPhone, with full album art and support of songs, artists, playlists and more.

Stream wirelessly via Bluetooth® and use the MM100s-BE to control track selection and play/pause.

MediaMaster® Accessories:

MMR-40 Wired Network Controller
- NMEA 2000® Network Controller with LCD display for all MediaMaster® source units

MMR-20 Round Wired Remote
- Wired, non-display remote for MM100s-BE and MM50

MMR-5N2K Network Volume Controller
- NMEA 2000® Volume Controller for MM100s-BE and MM50

MMC-6 Remote Cable
- 6-foot cable for MMR-20

MMC-25 Remote Cable
- 25-foot cable for MMR-20

MMC-2Y Remote Cable Y-Splitter
- Y-adaptor cable for MMC-6 and MMC-25 remote cables

MMC-PN2K-6 Powered Network Cable
- 6-foot cable for MMR-40 or MMR-5N2K (simulates an isolated, stand-alone NMEA2000® network)

MMC-PN2K-25 Powered Network Cable
- 25-foot cable for MMR-40 or MMR-5N2K (simulates an isolated, stand-alone NMEA2000® network)

MMC-SXM/AUX Adaptor Cable
- Converts the SiriusXM® input of compatible MediaMaster® source units into an additional stereo AUX input

MMP-1-BK Mounting Adaptor Plate
- Adaptor plate for new and retrofit MM100s-BE installations

MMP-2-BK Mounting Adaptor Plate
- Adaptor plate for new and retrofit MM50 and MMR-40 installations

MMP1-BK Mounting Adaptor Plate

MMP2-BK Mounting Adaptor Plate

MediaMaster® Remote Controller Options

MediaMaster® MMR-40
Full-Function NMEA 2000® Network Controller with LCD Display

MMR-20-BE Wired Remote

MMR-5N2K
NMEA 2000® Volume Controller

MBT

Unwired.

IPX6 WATER RESISTANT

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

Models:

MBT-CRXv2
Marine Bluetooth® Controller & Receiver

- **Bluetooth® Profile:** A2DP (High-Quality, Stereo Audio)
- **Bluetooth® Core Specification:** Version 4.0 with aptX®
- **Frequency Response:** 20 Hz - 18 kHz (±1dB)
- **Outputs:** One Stereo Pair, Line-Level RCA (2V RMS), +12VDC Amplifier Remote Turn-On
- **Connection Range:** Up to 35 ft / 11 m

MBT-RX
Marine Bluetooth® Receiver

- **Bluetooth® Profile:** A2DP (High-Quality, Stereo Audio)
- **Bluetooth® Core Specification:** Version 4.0 with aptX®
- **Frequency Response:** 20 Hz - 18 kHz (±1dB)
- **Outputs:** One Stereo Pair, Low-Level RCA (2V RMS)
- **Connection Range:** Up to 35 ft / 11 m

MBT: Bluetooth® Receivers and Controllers

JL Audio's MBT Bluetooth® products are in their element on the seas or on the back trails. Both models are water-resistant, with a minimum IPX6 rating.

Armed with Bluetooth® v4.0 and the aptX® codec for outstanding audio fidelity, each can receive audio wirelessly from your compatible streaming device, up to 35 ft. (11 m) away. A stereo pair of RCA outputs connects to any source unit with line-level/auxiliary inputs. You may also connect either model directly to an amplifier as a stand-alone source unit/receiver, where their 2V RMS output signals (twice that of conventional Bluetooth® receivers) really make a difference.

The super-tiny MBT-RX Bluetooth® Audio Receiver can be hidden in almost any installation location, allowing you to conveniently control your tunes from your device in-hand.

The MBT-CRXv2 Bluetooth® Controller/Receiver adds the convenience of backlit, push-button audio controls, so that your streaming device can remain safely tucked away. A small footprint and a clever, one-hole design makes installation a simple affair, requiring only a single hole for panel mounting. A square, front-mount adaptor plate is also included.

With JL Audio's MBT Bluetooth® receivers, it's easy to enjoy your favorite music wirelessly.

IPX6 WATER RESISTANT

MBT-RX

MBT-CRXv2
(Shown with included mounting adaptor plate.)

IP67 DUST & WATER RESISTANT

Bluetooth® Qualcomm® aptX™

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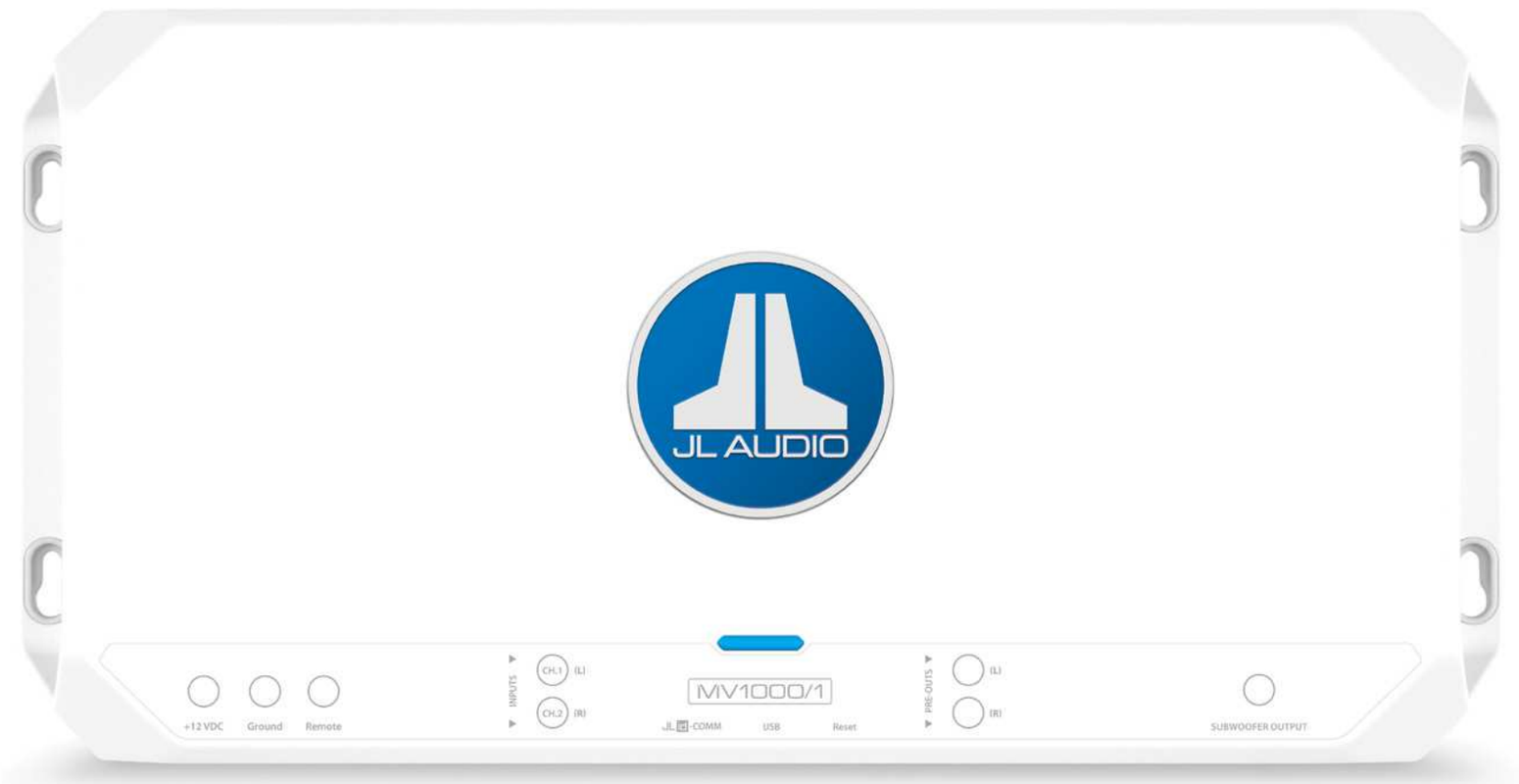
MVi



TüN™ SOFTWARE

Maxed.

Reference-grade marine amplifiers with integrated DSP.

Remarkably compact & powerful.

Second-Generation NexD2™ switching technology delivers amazing power and fidelity in half the space of conventional amplifiers! (MV400/4i pictured)

NexD2™ SWITCHING TECHNOLOGY

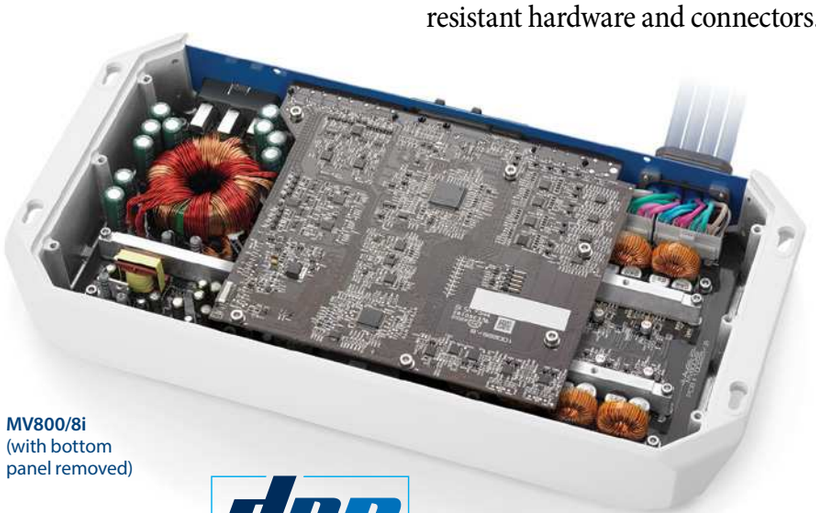
MVi Amplifiers

MVi amplifiers usher in a totally new level of marine audio performance, with all-new amplifier circuitry and amazing on-board tuning capabilities.

Each MVi model is packed with a very complete package of digital signal processing functions, including EQ, Delay, Crossover Signal Routing, Mixing and lots more. Instead of traditional knobs and switches, JL Audio's TüN™ software is used to set up all audio adjustments.

While operating the boat, stored DSP presets can be recalled at the push of a button with the optional M-DRC-50 Controller, allowing you to instantly adjust the audio system's tuning to suit different activities.

MVi amplifiers and their companion MV subwoofer amplifiers are built for years of reliable marine service, featuring a unitary cast alloy chassis with a marine-grade powder coat finish and corrosion-resistant hardware and connectors.



MV800/8i (with bottom panel removed)

dsp INSIDE

TüN™ SOFTWARE

What is TüN?

All setup and adjustments of MV and MVi amplifiers are configured via a compatible external device (PC, Tablet or Smartphone), with the appropriate JL Audio TüN™ Software application installed.

TüN™ automatically recognizes what it is connected to, and allows you to make adjustments with a clear interface specifically tailored for that product.

TüN™ is available for download for free in a variety of applications, for computers and most handheld devices. For more information, visit: jlaudio.com/tun

MVi Models

Full-Range Multi-Channel Amplifiers
MV400/4i: 4 x 75W @ 4 ohms; 4 x 100W @ 2 ohms
MV600/2i: 2 x 180W @ 4 ohms; 2 x 300W @ 2 ohms
MV600/6i: 6 x 75W @ 4 ohms; 6 x 100W @ 2 ohms
MV800/8i: 8 x 75W @ 4 ohms; 8 x 100W @ 2 ohms

Monoblock Subwoofer Amplifiers*
MV600/1: 1 x 400W @ 4 ohms; 1 x 600W @ 2 ohms
MV1000/1: 1 x 600W @ 4 ohms; 1 x 1000W @ 2 ohms
* MV amplifiers (non-DSP) are designed to be paired with full-range MVi amplifiers.

System Amplifiers
MV700/5i: 4 x 75W + 180W @ 4 ohms;
4 x 100W + 300W @ 2 ohms
MV1000/5i: 4 x 75W + 400W @ 4 ohms;
4 x 100W + 600W @ 2 ohms
Power ratings for MVi amplifiers are based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method)

Unprecedented, Onboard DSP Tuning Power

- Powerful DSP permits optimizing each channel's timing, frequency response and output levels, for exceptional sound quality.
- Up to six sound presets can be stored and recalled via the optional M-DRC-50 (Digital Preset Controller).
- TuN™ software delivers fast and easy setup, at your fingertips. Make all adjustments with a clear interface. Free TuN™ software is available for computers and most handheld devices.

2nd-Gen NexD2™ Switching Amplifier Technology

- Advanced, high-speed switching technology delivers crystal-clear audio power and efficiency.
- **MVi models:** DSP-synchronized power supply and output channels produce top-flight fidelity with ultra-low noise and distortion.
- **MV models:** Specifically optimized for low frequencies to deliver prcisely controlled bass output.

Ultra-Versatile Analog Inputs and Pre-Outs

- Differential-Balanced Analog Inputs offer outstanding noise rejection for clean, clear audio.
- Accepts both line-level signals or speaker level signals, without requiring a line-output-converter.
- Line-level, RCA jacks deliver up to 4 VRMS of analog audio outputs.

JLid™ System Command with Networking Capabilities

- Proprietary JL Audio protocol provides control and communication interface for MVi amplifiers and optional JLid™ accessories, including:
  M-DRC-50 Digital Preset Controller: Convenient, push-button, preset selection from the helm, with corresponding RGB LED indicator.
  MVi-HUB JLid-COMM and Network Bridge Hub: Provides network connectivity for up to six amplifiers (one "Master" MVi amplifier and up to five "Slave" MV or MVi amplifiers) for full-system DRC control and preset selection.
  MVi-DRCADAPT Rotary DRC Adaptor: Permits direct connection of a DRC-205 rotary controller (non-marine) to an MVi amplifier.
  VXi-BTC Bluetooth® Communicator: Adds wireless connectivity for amplifier configuration from a compatible iOS® or Android® device (not included).

Built for marine, period.

All MV and MVi amplifiers feature rugged, marine-grade construction and include water-tight speaker connections and corrosion-resistant hardware.

MVi Full-Range Marine Amplifiers

Housed in unitary, cast alloy chassis, MVi full-range amplifiers are built to deliver reference-grade marine audio performance with top-flight tuning flexibility.

Equipped with our advanced NexD2™ switching amplifier technology and an integrated DSP, each model produces remarkable full-range fidelity, with unprecedented signal processing capabilities.

MVi amplifier models range from two to eight channels, in 2-channel increments. 4-channel, 6-channel and 8-channel models produce a strong 75W x 2 into 4 ohms per channel pair, bridgeable to 200W into 4 ohms. For more demanding applications, the 2-channel MV600/2i delivers a robust 180W x 2 into 4 ohms, bridgeable to 600W into 4 ohms.

MV Monoblock Marine Subwoofer Amplifiers

Outfitted with a specialized, low-frequency version of our NexD2™ switching technology, MV monoblock subwoofer amplifiers are engineered to generate world-class bass performance with outstanding efficiency.

Designed to be paired with full-range MVi amplifiers, MV monoblock amplifiers are the perfect complement to drive your boat's subwoofers with loads of clean power.

Two models are available, capable of producing 600 or 1000 watts of power for your subwoofer system. Consult with your authorized dealer to determine the best match for your subwoofer configuration.

MV400/4i
400W, 4-channel full-range marine amplifier with DSP

MV600/2i
600W, 2-channel full-range marine amplifier with DSP

MV600/6i
600W, 6-channel full-range marine amplifier with DSP

MV800/8i
800W, 8-channel full-range marine amplifier with DSP

MVi Full-Range Marine Amplifiers

MV600/1
600W, monoblock marine subwoofer amplifier

MV1000/1
1000W, monoblock marine subwoofer amplifier

MVi Monoblock Marine Subwoofer Amplifiers

Note: Some product images on this page are shown with wiring removed.
Actual product has non-removable wiring.

MVi System Amplifiers

Equipped with our state-of-the-art NexD2™ amplifier technology and an integrated, full-featured digital signal processor, MVi systems amplifiers are designed to power a complete marine audio system with remarkable efficiency. Each model is engineered to drive two pairs of full-range channels, plus a dedicated subwoofer system.

The MV700/5i produces up to 300 watts of solid bass output, plus 75 watts into each full-range channel. For systems requiring more demanding subwoofer power, the MV1000/5i is capable of generating up to 600 watts of jaw-dropping bass output, plus 4 x 75 watts of full-range fidelity.

MV700/5i
700W, 5-channel marine system amplifier with DSP

MV1000/5i
1000W, 5-channel marine system amplifier with DSP

MVi Marine System Amplifiers

Same power... Extraordinary Space Savings for Your Boat!
Our system amplifiers take up less space than the equivalent subwoofer amplifier / satellite amplifier combination. Shown here is the MV1000/5i sitting on top of the MV400/4i + VX600/1 combo.

M-DRC-50 Digital Preset Controller
Offers convenient push-button DSP preset selection from the helm, with corresponding RGB LED indicator.

MVi-HUB JLid™-COMM & Network Bridge Hub
Network up to six amplifiers (one "Master" MVi amplifier and up to five "Slave" MV or MVi amplifiers), with full-system DRC control and preset selection.

MVi-DRCADAPT Rotary DRC Adaptor
Permits direct connection of a DRC-205 rotary controller (non-marine) to an MVi amplifier.

VXi-BTC Bluetooth® Communicator
Adds wireless connectivity for a compatible iOS® or Android® device, permitting amplifier setup from these devices (not included).

Note: Some product images on this page are shown with wiring removed.
Actual product has non-removable wiring.

MHD

All in.

Cutting-edge switching technology delivers amazing fidelity and power.

Ultra-compact and ultra-powerful.

"We tested a boat with a complete JL Audio system... The clarity and power emitted by this system was second to no other boat system on any boat, of any size, we have ever heard. It was a truly amazing experience."

– Tony Albelo, Mayor's Cup Tournament Director

MHD Amplifiers

The revolutionary MHD amplifiers apply a switching technology called Single Cycle Control™ to deliver world-class, full-range sonic performance and very high power from what seems like an impossibly small package.

This advanced technology wastes very little power compared to a conventional marine amplifier, resulting in less heat being generated for each watt of output. This allows us to pack a huge amount of clean power into the compact MHD chassis while also delivering stellar installation flexibility.

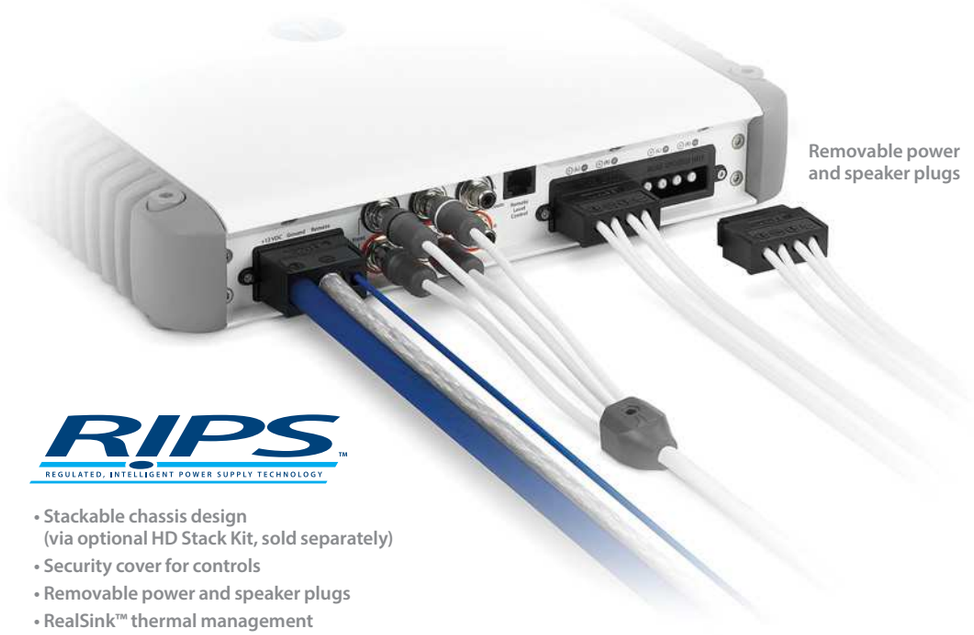
To get it all dialed in, the MHD's studio-grade signal processing features make it easy to extract optimum performance from our marine speaker and subwoofer systems.

Remote Level Control (HD-RLC)
With the addition of an HD-RLC, you can control the overall level of the subwoofer channel or the whole amplifier, depending on the model.

Security cover hides and protects controls

Lateral mounting feet create additional mounting flexibility.

How small and how powerful?
All MHD amplifier models share the same compact dimensions, making them far easier to place than conventional marine amplifiers.



Removable power and speaker plugs

RIPS™
REGULATED, INTELLIGENT POWER SUPPLY TECHNOLOGY

- Stackable chassis design (via optional HD Stack Kit, sold separately)
- Security cover for controls
- Removable power and speaker plugs
- RealSink™ thermal management

MHD Models

MHD750/1: Class D, Wide-Range Monoblock Marine Amplifier
1 x 750W @ 1.5 - 4 ohms

MHD600/4: Class D, 4-Channel* Full-Range Marine Amplifier
4 x 150W @ 1.5 - 4 ohms per ch.
2 x 300W @ 3 - 8 ohms per ch. bridged
(24V version also available)

MHD900/5: Class D, 5-Channel Marine System Amplifier*
4 x 100W + 1 x 500W @ 4 ohms;
4 x 75W + 1 x 500W @ 2 ohms
(24V version also available)

Power with 11.0 - 14.5V supply voltage at less than 0.05% THD+N (RMS Method)

Groundbreaking Switching Amplifier Technology: Single Cycle Control™

- Full-range operation with reference-grade sonic capabilities.
- Single Cycle Control™ technology corrects output in each and every switching cycle (over 400,000 times per second). This dramatically reduces distortion at high frequencies compared to other full-range switching amplifiers.
- Exceptional efficiency reduces current draw and heat, permitting reliable high power output within a very small, easy to install design.

R.I.P.S. (Regulated, Intelligent Power Supply)

- All the power, all the time… tightly regulated, intelligent power supply maintains full power at any impedance from 1.5 - 4 ohms per channel and at any supply voltage from 11V - 14.5V.
- MHD600/4 and MHD900/5 offer independent R.I.P.S. optimization for each channel section.

Studio-Grade Signal Processing

- Select shallow (12dB/octave) or steep (24dB/octave) high or low-pass filters to best integrate with subwoofers or component systems.
- Fully-variable frequency selection from 50-500 Hz with detented, calibrated potentiometer(s)
- Remote level control with HD-RLC controller (sold separately)
- Preamp outputs (except MHD900/5)
- Infrasonic filter and Output Polarity Switch (MHD750/1 only)

Differential-Balanced Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.

Advanced Rollback Protection and RealSink™

- Amplifier will never shut down due to thermal overload.
- Restores full power operation when it has cooled down to safe temperature.
- Real finned heat sink is extremely effective and requires no fans.
- Multiple units can be stacked without compromising cooling effectiveness. Stacking kit is sold separately.

M

Pure excellence.

Powerful.

Compact.

Invincible Value.

M600/6 Control Panel

M-Series Amplifiers

Prepare to be stunned by the audio performance of these amazingly compact marine amplifiers, and start thinking about the ease with which they will install into your boat!

Behind it all is JL Audio's exclusive NexD™ switching technology, achieving total amplifier efficiencies that exceed 80%. This efficiency advantage results in much less heat, reducing heat-sink size requirements and making M-Series amplifiers ideal for space-conscious installations. Their reduced current draw also makes them much kinder to your boat's electrical system than conventional amplifiers of similar power.

M-Series amplifiers also deploy our Advanced Rollback Protection™ to completely eliminate annoying thermal shut-down events.

Incredibly compact & powerful.
Advanced NexD™ switching technology produces huge, clean power in half the space of conventional amplifiers!
(M200/2 pictured)

NexD™ SWITCHING TECHNOLOGY

Beneath every M-Series amplifier's gasketed control cover, you will find studio-grade signal processing with fully-variable crossover filters. Also included are our noise-killing, differential inputs with remote level control capabilities via the HD-RLC remote level control (optional).

There are several reasons the M-Series amplifiers are best-sellers... top value and fantastic audio performance are at the top of the list.

Same power... Less Space!
Our system amplifiers take up less space than the equivalent subwoofer amplifier / satellite amplifier combination. Shown here is the M1000/5v2 sitting on top of the M600/1v2 + M400/4v2 combo.

M-Series Models

Monoblock Subwoofer Amplifiers
M600/1: 1 x 400W @ 4 ohms; 1 x 600W @ 2 ohms
M1000/1v2: 1 x 600W @ 4 ohms; 1 x 1000W @ 2 ohms

Full-Range Multi-Channel Amplifiers
M200/2: 2 x 75W @ 4 ohms; 2 x 100W @ 2 ohms
M400/4: 4 x 75W @ 4 ohms; 4 x 100W @ 2 ohms
M600/6: 6 x 75W @ 4 ohms; 6 x 100W @ 2 ohms
M800/8v2: 8 x 75W @ 4 ohms; 8 x 100W @ 2 ohms

System Amplifiers
M500/3: 2 x 75W + 180W @ 4 ohms;
2 x 100W + 300W @ 2 ohms
M700/5: 4 x 75W + 180W @ 4 ohms;
4 x 100W + 300W @ 2 ohms
M1000/5v2: 4 x 75W + 400W @ 4 ohms;
4 x 100W + 600W @ 2 ohms

Power ratings for M amplifiers are based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

Ultra-Compact Footprints / Highly Versatile

- **M200/2:**
  6.85 x 7.09 x 2.05 in. (174 x 180 x 52 mm),
  will fit almost anywhere
- **M400/4, M500/3, M600/1:**
  8.52 x 7.09 x 2.05 in. (217 x 180 x 52 mm),
  approximately the same size as a hard cover book!
- **M600/6 & M700/5:**
  10.23 x 7.09 x 2.05 in. (260 x 180 x 52 mm).
- **M1000/1v2, M800/8v2, M1000/5v2:**
  14.73 x 7.09 x 2.05 in. (374 x 180 x 52 mm).

NexD™ Switching Amplifier Technology

- Our state-of-the-art switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and control circuitry delivers super-clean full-range audio with very low distortion and noise.
- Specially optimized for subwoofer applications. High damping factor and full power delivery, even at 20 Hz.

Studio-Grade Signal Processing

- Monoblock models and the subwoofer channels of the system amplifiers feature fully-variable low-pass filters with switchable slope: 12dB or 24dB/octave. (M600/1, M1000/1v2, M500/3, M700/5 and M1000/5v2)
- Full-range, multi-channel models feature fully-variable, 12dB/octave filters, switchable from high-pass to low-pass. (M200/2, M400/4, M600/6 and M800/8v2)
- System amplifiers feature 12dB/octave high-pass filters on main channels. (M500/3, M700/5 & M1000/5v2)
- M700/5 and M1000/5v2 also features true 3-way crossover functionality (High-Pass, Bandpass, Low-Pass).
- Add Remote Level Control functionality to any model with the HD-RLC (sold separately).

Differential Inputs

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.

Advanced Rollback Protection

- Amplifier will never shut down due to thermal overload. EVER.

MX

IPX7
WATER RESISTANT

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

Play anywhere.

MX: Ultra-Compact Marine Amplifiers

Engineered specifically for marine and powersports applications, MX amplifiers employ our highly-efficient NexD™ Class D technology to generate loads of clean power, without straining charging systems or taking up a lot of space.

Housed in tiny, cast aluminum chassis, MX amplifiers are corrosion resistant and boast an IPX7 water-resistance rating, making them ideal for almost any application, even those where moisture cannot be completely avoided.*

All MX amplifiers include flexible crossover filters and accept a wide range of input signals. The 4-channel MX280/4 delivers a clean 50W x 4 and the MX500/4 produces an even stronger 70W x 4 into 4 ohms. Both models are fully bridgeable and can be used as a 3-channel amplifier, or as a 2-channel amplifier producing potent stereo output.

MX280/4

The monoblock MX300/1 generates 300W into 2 ohms, while its big brother, the MX500/1 produces a whopping 500W of rock-solid power into 2 ohms. Onboard controls include a bass boost EQ, output polarity switch and variable infrasonic filter.

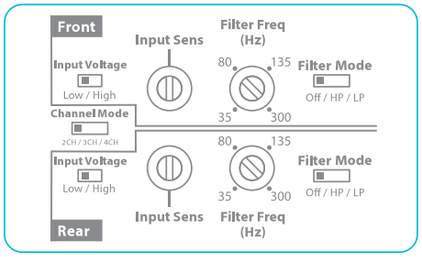
The 3-channel MX600/3 offers an all-in-one, total system power solution, capable of driving one or two pairs of marine speakers, plus a subwoofer, generating up to 600W of total power from a very compact chassis.

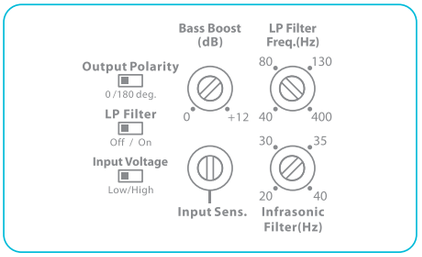
No matter where you like to play, MX amplifiers are ready to power your soundtrack!

NexD™ SWITCHING TECHNOLOGY

MX500/1

All controls are protected behind a watertight cover.





MX Models

Ultra-Compact Footprints / Highly Versatile

- **MX280/4 & MX300/1:** 8.66 x 3.09 x 1.77 in. (220 x 78.5 x 45 mm)
- **MX500/4, MX500/1 & MX600/3:** 9.33 x 4.50 x 1.77 in. (237 x 114.5 x 45 mm)

Monoblock Amplifiers

MX300/1: 1 x 160W @ 4 ohms; 300W x 1 @ 2ohms
MX500/1: 1 x 300W @ 4 ohms; 500W x 1 @ 2 ohms

- Wide-Range, NexD™ switching technology
- Adjustable Low-Pass Filter (40-400 Hz, 24 dB/octave, defeatable)
- Output polarity switch
- Adjustable infrasonic filter (20-40 Hz)
- Variable bass boost (0 to +12dB at 43Hz)
- Port for M-RBC-1 sub level control (sold separately)

Four-Channel Amplifiers

MX280/4: 4 x 50W @ 4 ohms; 4 x 70W @ 2 ohms
MX500/4: 4 x 70W @ 4 ohms; 4 x 125W @ 2 ohms

- Full-Range, NexD™ switching technology
- Adjustable High-Pass / Low-Pass Filter (35-300 Hz, 12 dB/octave, defeatable)
- 2CH/3CH/4CH input switch

System Amplifiers

MX600/3: 2 x 75W + 150W @ 4 ohms; 2 x 100W + 400W @ 2 ohms

- Wide-Range, NexD™ switching technology
- Adjustable Low-Pass Filter (40-400 Hz, 24 dB/octave)
- Adjustable High-Pass Filter (35-300 Hz, 12 dB/octave)
- Output polarity switch for subwoofer ch.
- Adjustable infrasonic filter (20-40 Hz) for subwoofer ch.
- Variable bass boost (0 to +12dB at 43Hz)
- Port for M-RBC-1 sub level control (sold separately)

Power ratings for MX amplifiers are based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

* IPX7: Product is protected against streams of water and heavy moisture. The product is not designed or rated to be submersible. Product images on this page are shown with wiring removed. Actual product has non-removable wiring.

Water-Resistant Remote Level Control (M-RBC-1)
With the addition of the optional M-RBC-1 (sold separately), you can remotely control the level of a subwoofer connected to the MX300/1, MX500/1 or the MX600/3.

M6

Lit.

Maximum-performance

Built to withstand real marine environments

Our finest marine loudspeakers and subwoofers

TRANSFLECTIVE™ RGB LED LIGHTING TECHNOLOGY

BUILT IN USA • WITH GLOBAL COMPONENTS •

M6/M7 Marine Subwoofers

Of course you want bigger and better bass, but did you know that adding a subwoofer does much more than that? A properly executed subwoofer system alleviates your main speakers (and the amplifier feeding them) from the stress of reproducing the lowest frequencies in your music. Relieved from this burden, they are free to play louder and cleaner, giving you far better overall audio performance.

JL Audio's maximum-performance M6 and M7 marine subwoofers deliver the kind of bass that has made JL Audio famous in the automotive and home theater sound arenas. This is bass that will impress you--not only with its sheer level, but even more with its smoothness, balance and precision.

Application-specific models:

The M6-10W is optimized for operation in compact enclosures (0.75 to 1.50 cu. ft.) and feature extremely long linear excursion capability for outstanding output and low-distortion performance. Available as raw drivers or pre-loaded in a 100% fiberglass enclosure, precisely tuned to extract optimum performance from the M6-10W.

Optimized for high-power, infinite-baffle operation, the 8-inch M6-8IB, 10-inch M6-10IB and our colossal 12-inch M7-12IB subwoofers can be installed in a variety of locations, without the need for a dedicated enclosure. This is accomplished with a uniquely tuned motor and suspension design.

Whichever model you choose, your audio system is going to sound amazing.

JL AUDIO®

Engineered for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are true saltwater-rated products.

Ultimate Subwoofer Performance

- All models are designed to deliver powerful, deep bass in open-air boating environments.
- Specialized versions designed for specific applications - **M6-10W:** Optimized for compact enclosures / **M6-8IB/10IB & M7-12IB:** Requires no dedicated enclosure

High Power Handling

- Designed to benefit from operation with quality amplification, such as the JL Audio marine amplifiers.

Choose from six great looks!

- "Classic" or "Sport" grille styles, both available in Gloss White
- Sport models also available in a dual-metallic, Gunmetal/Titanium finish
- All models available with cutting-edge Transflective™ illumination

Patented Transflective™ LED Technology

- Optional on all models, this state-of-the-art RGB LED lighting design produces stunningly smooth cone illumination, with no "hot spots" or reflections on the cone surface.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M6-10FES Enclosed Subwoofer Systems:

- 100% Fiberglass enclosure construction for years of reliable performance
- Sealed enclosure, precisely tuned for the M6, delivers outstanding impact and low-frequency extension in open air applications.
- Available in Matte Black with Black/Titanium Sport grille or Matte White with White Classic grille.

M7-12

M6-10

M6-8

M6-10FES-Mb-S-GmTi-4
Enclosed, 100% fiberglass-enclosed subwoofer system featuring our M6 Subwoofer. Available in matte white finish with classic grille or matte black with sport grilles (shown).

Engineered for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are true saltwater-rated products.

World-Class Sound Quality

- Available in three speaker sizes (6.5, 7.7 and 8.8 inches), all models are designed to operate in open-air boating environments, delivering powerful, smooth sound that is several steps beyond common marine speakers.
- Long-excursion, DMA-optimized woofers and matching silk dome tweeters for each coaxial size produce superior output capability with impressive bass response and sparkling high frequency detail.
- Designed to benefit from operation with quality amplification, such as the JL Audio marine amplifiers.

Advanced Crossover Networks with Electronic Tweeter Protection

- Each model features an integrated, multi-order, true 2-way crossover, specifically optimized for each speaker size.
- Each crossover network employs an electronic tweeter protection circuit to minimize the possibility of tweeter failure.
- All crossover components are secured within the woofer's chassis, protected from the elements.

Choose from six great looks!

- "Classic" or "Sport" grille styles, both available in Gloss White
- Sport models also available in a dual-metallic, Gunmetal/Titanium finish
- All models available with cutting-edge Transflective™ illumination

Patented Transflective™ LED Technology

- Optional on all models, this state-of-the-art RGB LED lighting design produces stunningly smooth cone illumination, with no "hot spots" or reflections on the cone surface.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M6 Marine Speakers

Engineered for stand-alone use, or in conjunction with our marine subwoofers, M6 marine speaker systems are built to deliver unmatched audio fidelity on the water. Equipped with a front-mounted tweeter, suspended above a woofer, all M6 coaxial systems are optimized to yield superior frequency response and smooth mid-range dispersion.

The woofer unit in each coaxial loudspeaker, features a motor system optimized with JL Audio's proprietary DMA technology, which leads to linear performance and controlled behavior at all listening levels. Matching silk dome tweeters, sized specifically for each woofer's diameter (0.8, 1.0, or 1.25-inch), produce sparkling detail and excellent off-axis response for balanced coverage in the entire listening area, with none of the harshness common to lesser marine speakers.

For traditional 6.5-inch marine mounting locations, our compact M6-650X offers a maximum performance audio upgrade on a wide range of boats.

For an extra sonic edge, consider our oversized, 7.7-inch diameter M6-770X for more bass, higher output and better clarity at high volume levels than 6.5-inch speakers, thanks to 20% more sound radiating area and a larger tweeter.

For those who believe that there is no such thing as "too much of a good thing," our massive 8.8-inch, M6-880X represents another giant performance leap, far surpassing the output and low-frequency capabilities of our very capable 7.7-inch models.

M6-650X-S-GwGw

M6-880X-C-GwGw-i

M6-770X-S-GmTi-i

Engineered as a Complete System

- Systems incorporate our flagship M6 marine coaxials, for maximum audio performance.
- Sealed enclosures are tuned to provide optimal sound, while keeping the elements out.
- Available with 7.7-inch and 8.8-inch coaxial drivers. Sold as a pair.

Purpose-Built for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.
- Speakers and enclosures are molded from marine-grade polymer to resist salt and UV exposure.

Flexible mounting options

- A range of precison-machined mounting fixtures designed to fit a variety of installation applications, engineered for precise aiming and optimum sound quality.
- Multiple mounting options are available:
  - Fixed pipe clamp
  - Swiveling pipe clamp
  - Fixed deck-mount
  - Tilting deck-mount
- All mounting hardware is saltwater grade.

Choose from multiple great looks!

- Gloss White enclosure, with "Classic" or "Sport" grilles, both available in Gloss White
- Satin Black enclosure, with "Sport" grilles in a dual-metallic Gunmetal/Titanium finish
- All models available with cutting-edge Transflective™ illumination

Patented Transflective™ LED Technology

- Optional on all models, this state-of-the-art RGB LED lighting design produces stunningly smooth cone illumination, with no "hot spots" or reflections on the cone surface.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M6 ETXv3 Enclosed Speaker Systems

ETXv3 is the ultimate tower speaker system, delivering superb sound quality, with strong projected output that can be heard well beyond the boat. Designed to be installed up high, ETXv3 systems are ideal for wakeboard towers or other tubular structures, and can also be mounted to decks and other flat surfaces. Like all JL Audio marine speakers, they are built to withstand intense UV exposure and a real saltwater marine environment, delivering years of listening enjoyment.

Available in two size variants, M6-770ETXv3 models are equipped with oversized 7.7-inch coaxial drivers for fuller sound with plenty of deep, mid-bass output. For those in search of even more performance, the larger M6-880ETXv3 models employ our massive 8.8-inch coaxials for remarkable output and fidelity.

Each is designed to mate with one of our precision-machined clamp systems (sold separately and available to fit a wide range of pipe diameters or surface-mount applications).

Designed for Custom-Mounting
For applications with angled pipes, ETXV3 enclosures are designed to receive the speaker in virtually any angle of rotation for a clean, finished look.

ETXv3-CVR:
Gray neoprene, zippered cover protects ETXv3 systems during storage and trailering. Available for 7.7-inch and 8.8-inch ETXv3 enclosed loudspeakers. Sold as pairs.

Choose from 7.7-inch or 8.8-inch models!

M6-880X-ETXv3-Sb-S-GmTi-i

M6-770X-ETXv3-Gw-S-GwGw-i

M6-103EWS-Gw-C-GwGw
For larger boats or yachts requiring serious full-range party speakers, we also offer the 3-way, bi-amp M6-103EWS systems. Each one features our M6-10IB subwoofer, plus our 7.7-inch M6 coaxial in an optimized fiberglass enclosure with a beautiful gloss finish.

M6 VEX™ Pods

M6-VEX™ pods are ultra-compact speakers, ideal for open-air installations, especially where space is limited.

These weatherproof speaker systems feature our premium M6-650X marine coaxial speakers, housed in tough, injection-molded enclosures, perfect for small boats or personal watercraft (PWC).

Available in gloss white or textured matte black finish, each VEX™ pod includes a rotating clamp receiver to mate with an appropriate fixture (sold separately) permitting installation on a wide range of tubing diameters and surface mount applications.

VEX™ pods are optimized for use with a high quality subwoofer system to deliver clean, loud output in the most demanding environments.

Designed for Custom-Mounting
For applications with angled pipes, VEX™ enclosures are designed to receive the speaker in virtually any angle of rotation for a clean, finished look.

Machined Mounting Fixtures
Available to fit most tower structures and surface-mount applications (sold separately). See page 109 for more info.

M6-650VEX-Gw-S-GwGw-i

All M6 VEX™ pods include:
- Rear aluminum logo caps
- Rotating clamp receivers
- Ten feet of 6-conductor, multifunction cable

M6-VEX™ Pod Models and Features:

M6-650VEX-Mb-S-GmTi
Matte Black enclosures, with "Sport" grilles in a dual-metallic Gunmetal/Titanium finish (Sold as a pair.)

M6-650VEX-Gw-S-GwGw
Gloss White enclosures, with "Sport" grilles in Gloss White (Sold as a pair.)

- M6-650X, 6.5-inch (165mm), marine-grade coaxial speaker with treated silk dome tweeter
- Continuous RMS Power Handling (per speaker): 75 W
- Recommended RMS Amplifier Power (per speaker): 25 - 150 W
- Nominal Impedance: 4 ohms
- Frequency Response: 100 Hz - 25 kHz, ± 3 dB
- Efficiency: 89.5 dB SPL @ 1W/1m
- Dimensions (not including mounting fixture): 7.03 in. dia. x 6.17 in. (179 mm dia. x 157 mm)
- Required mounting fixtures are sold separately.
- Built in Miramar, Florida, USA

Engineered as a Complete System

- Systems outfitted with our premium M6-650X marine coaxials, for maximum audio performance.
- Sealed enclosures are tuned to provide optimal sound, while keeping the elements out.

Built for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.
- Speakers and enclosures are molded from marine-grade polymer to resist salt and UV exposure.

Flexible mounting options

- A wide variety of precison-machined mounting fixtures to fit most tower structures and flat surfaces.
- Delivers precise aiming and optimum sound quality.

Choose from four great looks!

- Gloss White enclosure, with "Sport" grilles in Gloss White
- Matte Black enclosure, with "Sport" grilles in a dual-metallic Gunmetal/Titanium finish
- Both models available with cutting-edge Transflective™ illumination

Patented Transflective™ LED Technology

- Optional, state-of-the-art RGB LED lighting design, produces stunningly smooth cone illumination, with no "hot spots" or reflections on the cone surface.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

Transflective™ LED Illumination

Optional on most M6/M7 models is JL Audio's Transflective™ LED technology. By emitting light from multiple LEDs through our specially engineered cone material, this patented breakthrough delivers a beautiful cone illumination effect, with no hot spots or reflections on the cone surface.

Choose from seven fixed lighting colors or control the color and intensity of the lighting actively using a lighting controller accessory (sold separately). Separate 12V wiring is required to power the illumination.

JL AUDIO Custom SHOP®

Create your own look with all-new Custom Shop® grille color and finish options. Mix and match individual trim ring and grille insert varieties for a unique combination that fits your style. Available for all M6/M7 Sport Grille speaker models.

Play better.

High-performance

Built to withstand real marine environments

Affordably priced

M3 Marine Subwoofers

M3 subwoofers are the affordable alternative for those who value great bass performance on the open water.

Built alongside our flagship subwoofers at our Miramar, Florida factory, all M3 speakers share the same "DNA" and use the same marine-grade materials to ensure outstanding longevity in real-world boating use. Most importantly, our fanatical approach to sound quality is in full effect, this time optimized for moderate power systems.

The M3-10IB is designed for infinite-baffle operation so that it can be installed in a variety of locations, without the need for a dedicated enclosure.

A variety of grille style and color combinations are available to match your boat's theme. Select models are offered with RGB (multi-color) cone illumination, so you can add some visual highlights to your boat to go along with the great audio performance.

Truly engineered for marine duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.

Outstanding sound quality

- All models are designed to operate in open-air boat environments, delivering powerful, smooth sound that is several steps beyond common marine speakers. These are not car speakers painted white, they are acoustically engineered for boat installations.
- Engineered to operate without a dedicated enclosure.

Versatile power handling

- Suitable for use with standard marine head-unit power
- Designed to benefit from operation with quality amplification, such as the JL Audio marine amplifiers.

Choose from five great looks!

- "Classic" or "Sport" grille styles, both available in Gloss White
- Sport models also available in a sleek, all Gunmetal finish
- Sport models available with RGB LED illumination

Built-in RGB LED Lighting

- Optional on Sport grille models, multi-color LEDs are embedded within each speaker grille to produce vibrant accent lighting
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M3-10IB-S-Gw-i

M3-10IB-S-Gm-i

M3-10IB-C-Gw

M3 Marine Speakers

We know that you expect great performance and top quality when you choose JL Audio for your marine audio system. This is why our more affordable M3 speakers are designed with the same "DNA" as our flagship speakers, and are built alongside them in our U.S. factory.

We also use the same marine-grade materials to ensure outstanding longevity in real-world boating use. Most importantly, our fanatical approach to sound quality is in full effect, this time optimized for moderate power systems.

Optimized for infinite-baffle operation so they can be mounted without needing an enclosure behind them, M3 speakers are offered in 6.5-inch and 7.7-inch sizes, with long excursion woofer designs for solid mid-bass output. All models are outfitted with specially treated, 0.75-inch pure silk dome tweeters for smooth highs and durability to withstand harsh marine environments.

M3-770X-C-Gw

M3-770X-S-Gm-i

Built for real marine duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.

Amazing sound quality

- All models are designed to operate in open-air boat environments, delivering powerful, smooth sound that is several steps beyond common marine speakers. These are not car speakers painted white, they are acoustically engineered for boat installations.
- Long-excursion, high-efficiency woofers and treated silk dome tweeters deliver superior output capability with clear, high frequency detail.
- Integrated 2nd order, high-pass filter on tweeters, with solid-state protection circuit to minimize the possibility of tweeter failure.
- M3-650X features a wide mounting flange design to maximize standard 6.5-inch retrofit compatibility.

Versatile power handling

- Suitable for use with standard marine head-unit power
- Designed to benefit from operation with quality amplification, such as the JL Audio marine amplifiers.

Choose from five great looks!

- "Classic" or "Sport" grille styles, both available in Gloss White
- Sport models also available in a sleek, all Gunmetal finish
- Sport models available with RGB LED illumination

Built-in RGB LED Lighting

- Optional on Sport grille models, multi-color LEDs are embedded within each speaker grille to produce vibrant accent lighting
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M3-650X-S-Gw-i

M3 ETXv3 Enclosed Speaker Systems

M3-ETXv3 speaker systems are designed to deliver clean, loud audio in all kinds of marine and open-air applications. Like all JL Audio marine speakers, these enclosed systems are built to withstand the harshest UV exposure and saltwater marine environments, for years of reliable, great audio.

Housed in these beautiful, injection-molded enclosures are our high-performance, M3 7.7-inch marine coaxial speakers for amazing output and fidelity. The enclosures feature a decorative, aluminum logo cap on the end opposite the speaker, which can be oriented to match any custom mounting application.

M3-770ETXv3 speaker systems are easily attached to most tower structures and surface-mount applications using one of our many precision-machined mounting fixtures and clamps.

Designed for Custom-Mounting
For applications with angled pipes, ETXV3 enclosures are designed to receive the speaker in virtually any angle of rotation for a clean, finished look.

ETXv3-CVR:
Gray neoprene, zippered cover protects ETXv3 systems during storage and trailering. Available for 7.7-inch and 8.8-inch ETXv3 enclosed loudspeakers. Sold as pairs.

JL AUDIO®

Engineered as a Complete System

- Sealed enclosures are tuned to provide optimal sound, while keeping the elements out.
- Acoustically engineered to operate in open air marine environments, delivering powerful, smooth sound that is several steps beyond common weatherproof speakers.

Purpose-Built for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.
- Speakers and enclosures are molded from marine-grade polymer to resist salt and UV exposure.

Flexible mounting options

- A range of precison-machined mounting fixtures designed to fit a variety of installation applications, engineered for precise aiming and optimum sound quality.
- Multiple mounting options are available:
  - Fixed pipe clamp
  - Swiveling pipe clamp
  - Fixed deck-mount
  - Tilting deck-mount
- All mounting hardware is saltwater grade.

Choose from multiple great looks!

- Gloss White enclosure, with "Classic" or "Sport" grilles, both available in Gloss White
- Satin Black enclosure, with "Sport" grilles in Gunmetal
- Sport models available with RGB LED illumination

Built-in RGB LED Lighting

- Optional on Sport grille models, multi-color LEDs are embedded within each speaker grille to produce vibrant accent lighting
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

RGB LED

Enclosed Speaker Systems (sold as pairs):

M3-770ETXv3:
Spectacular looks and performance

7.7-inch enclosed coaxial system for tower or deck-mounting.

70W, 4 ohms

Mounting hardware sold separately. Sold as pairs.

M3 VEX™ Pods

M3-VEX™ pods are ultra-compact speakers, ideal for open-air installations, especially where space is limited.

These weatherproof speaker systems feature our high-performance M3-650X marine coaxial speakers, housed in tough, injection-molded enclosures, perfect for small boats or personal watercraft (PWC).

Available in gloss white or textured matte black finish, each VEX™ pod includes a rotating clamp receiver to mate with an appropriate fixture (sold separately) permitting installation on a wide range of tubing diameters and surface mount applications.

VEX™ pods are optimized for use with a high quality subwoofer system to deliver clean, loud output in the most demanding environments.

Designed for Custom-Mounting

For applications with angled pipes, VEX™ enclosures are designed to receive the speaker in virtually any angle of rotation for a clean, finished look.

All M3 VEX™ pods include:
- Rear Lexan® logo appliqués
- Rotating clamp receivers
- Ten feet of 6-conductor, multifunction cable (LED models) or parallel conductor speaker cable (non-LED models)

Machined Mounting Fixtures

Available to fit most tower structures and surface-mount applications (sold separately). See page 109 for more info.

RGB LED

M3-650VEX-Gw-S-GwGw-i

M3-VEX™ Pod Features and Models:

M3-650VEX-Mb-S-Gm-i
Matte Black enclosures, with "Sport" grilles in a Gunmetal finish (Sold as a pair.)

M3-650VEX-Gw-S-Gw
Gloss White enclosures, with "Sport" grilles in Gloss White (Sold as a pair.)

- M3-650X, 6.5-inch (165mm), marine-grade coaxial speaker with treated silk dome tweeter
- Continuous RMS Power Handling (per speaker): 60 W
- Recommended RMS Amplifier Power (per speaker): 20 - 120 W
- Nominal Impedance: 4 ohms
- Frequency Response: 100 Hz - 25 kHz, ± 3 dB
- Efficiency: 89.5 dB SPL @ 1W/1m
- Dimensions (not including mounting fixture): 7.03 in. dia. x 6.16 in. (179 mm dia. x 156 mm)
- Required mounting fixtures are sold separately.
- Built in Miramar, Florida, USA

Engineered as a Complete System

- Systems outfitted with our M3-650X marine coaxials, for high-performance audio.
- Sealed enclosures are tuned to provide optimal sound, while keeping the elements out.

Built for Real Marine Duty

- To ensure long-term performance, all models are designed and built to exceed industry standards for salt-fog and UV exposure. These are salt-water rated products that you can use with confidence.
- Speakers and enclosures are molded from marine-grade polymer to resist salt and UV exposure.

Flexible mounting options

- A wide variety of precison-machined mounting fixtures to fit most tower structures and flat surfaces.
- Delivers precise aiming and optimum sound quality.

Choose from four great looks!

- Gloss White enclosure, with "Sport" grilles in Gloss White
- Matte Black enclosure, with "Sport" grilles in all Gunmetal finish
- Both models available with RGB LED illumination

Optional, Built-in RGB LED Lighting

- Multi-color LEDs are embedded within each speaker grille to produce vibrant accent lighting.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

M6/M7 Trim-Ring & Grille Options

C-GwGw = Classic Grille **Trim Ring Color:** Gloss White **Grille Color:** Gloss White	**S-GwGw** = Sport Grille **Trim Ring Color:** Gloss White **Grille Color:** Gloss White	**S-GmTi** = Sport Grille **Trim Ring Color:** Gunmetal **Grille Color:** Titanium
		
M6/M7 Subwoofers	M6/M7 Subwoofers	
		
M6 Speakers	M6 Speakers	

M3 Grille Options

C-Gw = Classic Grille **Grille Color:** Gloss White	**S-Gw** = Sport Grille **Grille Color:** Gloss White	**S-Gm** = Sport Grille **Grille Color:** Gunmetal
		
M3 Subwoofers	M3 Subwoofers	
		
M3 Speakers	M3 Speakers	

Your boat... Your style.

Boats are designed in many different styles. This is why M7, M6 and M3 are offered in various looks so you can find one that best complements the theme of your boat.

The following grille designs are available:
"Classic": a simple, slat grille design with the classic JL Audio logo, available only in gloss white.
"Sport": a split-spoke grille design, available in two color schemes: Gloss White and Gunmetal/Titanium metallic finish (M6/M7) or all Gunmetal (M3).
The M6/M7 design lends itself to further customization, with separate trim-ring and grille-insert components.

Optional on all M6/M7 models is JL Audio's Transflective™ LED speaker lighting technology. By shining light from behind and through a specially engineered cone material, this patented breakthrough delivers a smooth, beautiful cone illumination effect, with no hot spots or reflections on the cone surface.

M3 Speakers and Subwoofers with Sport Grilles offer the option of multi-color (RGB) cone illumination.

Illuminated M3 and M6/M7 speakers may be hard wired to achieve seven fixed lighting colors or control the color and intensity of the lighting actively using the MLC-RW RGB Marine Lighting Controller (sold separately).

Mounting Fixtures for VEX™ and ETXv3


M-MCPv3-Fixed mount clamps available for pipe diameter range of 1.315" to 3.000"


M-SWMCPv3-Swivel clamps available for pipe diameter range of 1.315" to 2.500"


M-MCPv3-DM Adjustable yaw surface mount


M-MCPv3-SM Fixed, low-profile surface mount


M-MCPv3-MC MasterCraft® specific mount


M-MCPv3-MC/LP MasterCraft® specific mount


M-MCPv3-NA Nautique® specific mount & deck / surface mount


M-MCPv3-SU-Top Supra® specific tower mount


M-MCPv3-SU-Side Supra® specific tower mount


PS-SWMCP-B-Swivel clamps available for pipe diameter range of 1.000" to 2.375"


PS-SWMCP-B-SM (shown)
PS-SWMCP-C-SM deck/surface mount (swivel) for VeX™ Pods

The Enclosed Speaker Systems easily attach to most tower structures and surface-mount applications using one of our many precision-machined mounting fixtures and clamps.

Speaker Cable

Real Copper Wire
True Specifications
Maximum Performance

Connection Systems

We've used the finest materials and construction techniques to create connection products that excel in the harsh marine environment.

Our marine audio interconnect cables feature brass connector bodies with marine-grade plating and an overmolded design that prevents corrosion. Twisted pair construction minimizes the likelihood of induced noise to keep your music clean.

JL Audio's marine speaker cables and premium power/ground wire also feature tinned OFC copper construction for maximum safety and conductivity.

Y-Adaptors

Audio Interconnects

Panel-Mounting Jacks:
Our weatherproof panel-mounting jacks allow you to create a permanent connection point for a wide variety of portable audio sources.

Two models are available:

XMD-3.5MM-PNL
3.5 mm Mini Audio Jack (stereo)

XMD-USB/3.5MM-PNL
9-pin USB 2.0/3.0 Port, plus 3.5 mm Mini Audio Jack (stereo)

XM-WHTMFC-25
Multifunction Cable
- 25 ft. (7.62 m)

Amplifier Power Connection Systems:
These premium systems include everything you need to make secure, high-integrity power connections to a single amplifier.

Three models are available:

XMD-PCS30A-1-L12
XMD-PCS50A-1-L10
XMD-PCS50A-1-L20

Premium Tinned OFC Copper Power Wire:
Two Color Options:
ABYC Red or Yellow

Two True AWG sizes:
6 AWG or 2 AWG

Connection Products (sold individually):

XB-BTU
Positive (+) or Negative (–) Battery Connector with Three Wire Outputs: 1/0 AWG, 2 AWG, 4 AWG or 8 AWG (in any combination)

XD-BTS
Ultra-compact battery terminal. Fits Pos. (+) or Neg. (–) posts, accepts power ring(s) plus one 8 or 4 AWG wire

XB-SPTM
1 pr. Side-Post to Top-Mount Battery Terminal Adaptors (one positive, one negative)

XD-MFBW-MAXI
Water resistant Master MAXI™ Fuse Block for 8 AWG to 4 AWG Power Wire; Fuse sold separately

XB-MFBU-ANL
Master ANL Fuse Block for 4 AWG to 1/0 AWG Power Wire with 25 Wire Entry / Exit Options;
Fuse sold separately

XD-FDBU-2
MAXI™ Fused Power Distribution Block: 4 AWG to 1/0 AWG input, two fused 4 AWG or 8 AWG outputs; Fuses sold separately

XD-FDBU-4
MAXI™ Fused Power Distribution Block: 4 AWG to 1/0 AWG input, four fused 4 AWG or 8 AWG outputs; Fuses sold separately

XD-PDBU-3X
Unfused, Expandable Power Distribution Block: Three 4 AWG to 1/0 AWG connections, four 4 AWG or 8 AWG connections.

XMD-MCB
Waterproof Thermal Circuit Breaker: ignition protected, manual reset, surface mount design (Available in 80, 60, 50, 40 and 30 Amp values.)

Marine Amplifier Specifications

Model	Description	Continuous Power (RMS Method) (Ratings at 14.4V supply voltage)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
MVi Amplifiers							
MV600/1	Class D, Monoblock Marine Subwoofer Amplifier	400W RMS x 1 @ 4 ohms 500W RMS x 1 @ 3 ohms 600W RMS x 1 @ 2 ohms	<1%	90 dBA referred to rated power	12 Hz - 500 Hz (+0, -1dB)	>125 @ 4 ohms / 50 Hz >125 @ 2 ohms / 50 Hz	2.05 in. x 11.20 in. x 6.93 in. 52 mm x 285 mm x 176 mm
MV1000/1	Class D, Monoblock Marine Subwoofer Amplifier	600W RMS x 1 @ 4 ohms 800W RMS x 1 @ 3 ohms 1000W RMS x 1 @ 2 ohms	<1%	87 dBA referred to rated power	12 Hz - 500 Hz (+0, -1dB)	>400 @ 4 ohms / 50 Hz >300 @ 2 ohms / 50 Hz	2.05 in. x 13.96 in. x 6.93 in. 52 mm x 355 mm x 176 mm
MV400/4i	Class D, 4-Channel Full-Range Marine Amplifier with Integrated DSP	75W RMS x 4 @ 4 ohms 100W RMS x 4 @ 2 ohms Bridged: 200W RMS x 2 @ 4 ohms	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohms per ch. / 50 Hz >50 @ 2 ohms per ch. / 50 Hz	2.05 in. x 11.20 in. x 6.93 in. 52 mm x 285 mm x 176 mm
MV600/2i	Class D, 2-Channel Full-Range Marine Amplifier with Integrated DSP	180W RMS x 2 @ 4 ohms 300W RMS x 2 @ 2 ohms Bridged: 600W RMS x 1 @ 4 ohms	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohms per ch. / 50 Hz >50 @ 2 ohm per ch. / 50 Hz	2.05 in. x 11.20 in. x 6.93 in. 52 mm x 285 mm x 176 mm
MV600/6i	Class D, 6-Channel Full-Range Marine Amplifier with Integrated DSP	75W RMS x 6 @ 4 ohms 100W RMS x 6 @ 2 ohms Bridged: 200W RMS x 3 @ 4 ohms	<1%	99 dBA referred to rated power	12 Hz - 24 kHz (+0, -1dB)	>100 @ 4 ohms per ch. / 50 Hz >50 @ 2 ohms per ch. / 50 Hz	2.05 in. x 13.96 in. x 6.93 in. 52 mm x 355 mm x 176 mm
MV800/8i	Class D, 8-Channel Full-Range Marine Amplifier with Integrated DSP	75W RMS x 8 @ 4 ohms 100W RMS x 8 @ 2 ohms Bridged: 200W RMS x 4 @ 4 ohms	<1%	99 dBA referred to rated power	12 Hz - 21 kHz (+0, -1dB)	>100 @ 4 ohms per ch. / 50 Hz >50 @ 2 ohms per ch. / 50 Hz	2.05 in. x 13.96 in. x 6.93 in. 52 mm x 355 mm x 176 mm
MV700/5i	Class D, 5-Channel Marine System Amplifier with Integrated DSP	**Main Channels, Stereo, all ch. driven:** 75W x 4 @ 4 ohms, 100W x 4 @ 2 ohms **Main Channels, Bridged, all ch. driven:** 200W x 2 @ 4 ohms **Subwoofer Ch., Mono, all ch. driven:** 180W x 1 @ 4 ohms, 240W x 1 @ 3 ohms, 300W x 1 @ 2 ohms	<1%	99 dBA referred to rated power (main channels); 99 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 24 kHz Sub Channel: 12 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >100 @ 4 ohm / 50 Hz >50 @ 2 ohm / 50 Hz	2.05 in. x 13.96 in. x 6.93 in. 52 mm x 355 mm x 176 mm
MV1000/5i	Class D, 5-Channel Marine System Amplifier with Integrated DSP	**Main Channels, Stereo, all ch. driven:** 75W x 4 @ 4 ohms, 100W x 4 @ 2 ohms **Main Channels, Bridged, all ch. driven:** 200W x 2 @ 4 ohms **Subwoofer Ch., Mono, all ch. driven:** 400W x 1 @ 4 ohms, 500W x 1 @ 3 ohms, 600W x 1 @ 2 ohms	<1%	99 dBA referred to rated power (main channels); 99 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 24 kHz Sub Channel: 12 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >100 @ 4 ohm / 50 Hz >50 @ 2 ohm / 50 Hz	2.05 in. x 13.96 in. x 6.93 in. 52 mm x 355 mm x 176 mm
MHD Amplifiers							
MHD600/4	Class D, 4-Channel Full-Range Marine Amplifier	150W x 4 @ 1.5 - 4 ohms Bridged: 300W x 2 @ 3 - 8 ohms (Ratings at 11V–14.5V supply voltage)	<0.03%	>110 dBA referred to rated power	6 Hz - 30 kHz (+0, -1dB)	>300 @ 4 ohm per ch. / 50 Hz >150 @ 2 ohm per ch. / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm
MHD750/1	Class D, Monoblock Wide-Range Marine Amplifier	750W x 1 @ 1.5 - 4 ohms (Rating at 11V–14.5V supply voltage)	<0.03%	>110 dBA referred to rated power	6 Hz - 8 kHz (+0, -1dB)	>500 @ 4 ohm / 50 Hz >250 @ 2 ohm / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm
MHD900/5	Class D, 5-Channel Marine System Amplifier	**Five-Channel Mode:** 100W x 4 + 500W x 1 @ 4 ohms per ch. 75W x 4 + 500W x 1 @ 2 ohms per ch. **Three-Channel Mode:** 150W x 2 + 500W x 1 @ 4 ohms per ch. (Ratings at 11V–14.5V supply voltage)	<0.03%	>108 dBA referred to rated power	12 Hz - 28 kHz (+0, -1dB)	Subwoofer Channel: >800 @ 4 ohm / 50 Hz >400 @ 2 ohm / 50 Hz	1.93 in. x 10.74 in. x 8.29 in. 49 mm x 273 mm x 211 mm

Marine Amplifier Specifications

Model	Description	Continuous Power (RMS Method) (Ratings at 14.4V supply voltage)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
M-Series Amplifiers							
M600/1	Class D, Monoblock Marine Subwoofer Amplifier	400W RMS x 1 @ 4 ohms 600W RMS x 1 @ 2 ohms	<1%	>87 dB referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohms / 50 Hz >500 @ 2 ohms / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 217 mm x 180 mm
M1000/1v2	Class D, Monoblock Marine Subwoofer Amplifier	600W RMS x 1 @ 4 ohms 1000W RMS x 1 @ 2 ohms	<1%	>83 dB referred to rated power	7 Hz - 500 Hz (+0, -1dB)	>1000 @ 4 ohms / 50 Hz >500 @ 2 ohms / 50 Hz	2.05 in. x 14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
M200/2	Class D, Full-Range 2-Channel Marine Amplifier	75W RMS x 2 @ 4 ohms 100W RMS x 2 @ 2 ohms Bridged: 200W RMS x 1 @ 4 ohms	<1%	>104 dB referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch./ 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 6.85 in. x 7.09 in. 52 mm x 174 mm x 180 mm
M400/4	Class D, Full-Range 4-Channel Marine Amplifier	75W RMS x 4 @ 4 ohms 100W RMS x 4 @ 2 ohms Bridged: 150W RMS x 2 @ 8 ohms Bridged: 200W RMS x 2 @ 4 ohms	<1%	>104 dB referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch./ 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 216 mm x 180 mm
M600/6	Class D, Full-Range 6-Channel Marine Amplifier	75W RMS x 6 @ 4 ohms 100W RMS x 6 @ 2 ohms Bridged: 150W RMS x 3 @ 8 ohms Bridged: 200W RMS x 3 @ 4 ohms	<1%	>104 dB referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch./ 50 Hz >75 @ 2 ohm per ch. / 50 Hz	2.05 in. x 10.23 in. x 7.09 in. 52 mm x 260 mm x 180 mm
M800/8v2	Class D, Full-Range 8-Channel Marine Amplifier	75W RMS x 8 @ 4 ohms 100W RMS x 8 @ 2 ohms Bridged: 150W RMS x 4 @ 8 ohms Bridged: 200W RMS x 4 @ 4 ohms	<1%	>104 dBA referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch./ 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
M500/3	Class D, System 3-Channel Marine Amplifier	75W RMS x 2 + 180W RMS x 1 @ 4 ohms per ch. 100W RMS x 2 + 300W RMS x 1 @ 2 ohms per ch.	<1%	>104 dBA referred to rated power (main channels); >103 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 22 kHz; Sub Channel: 10 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >120 @ 4 ohm / 50 Hz >60 @ 2 ohm / 50 Hz	2.05 in. x 8.52 in. x 7.09 in. 52 mm x 217 mm x 180 mm
M700/5	Class D, System 5-Channel Marine Amplifier with 2-Way / 3-Way Crossover	75W RMS x 4 + 180W RMS x 1 @ 4 ohms per ch. 100W RMS x 4 + 300W RMS x 1 @ 2 ohms per ch.	<1%	>104 dB referred to rated power	12 Hz - 22 kHz (+0, -1dB)	>150 @ 4 ohms per ch./ 50 Hz >75 @ 2 ohms per ch. / 50 Hz	2.05 in. x 10.23 in. x 7.09 in. 52 mm x 260 mm x 180 mm
M1000/5v2	Class D, System 5-Channel Marine Amplifier with 2-Way / 3-Way Crossover	**Main Channels, Stereo, all ch. driven:** 75W x 4 @ 4 ohms, 100W x 4 @ 2 ohms **Main Channels, Bridged, all ch. driven:** 150W x 2 @ 8 ohms, 200W x 2 @ 4 ohms **Subwoofer Ch., Mono, all ch. driven:** 400W x 1 @ 4 ohms, 500W x 1 @ 3 ohms, 600W x 1 @ 2 ohms	<1%	>104 dBA referred to rated power (main channels); >100 dBA referred to rated power (sub channel)	Main Channels: 12 Hz - 22 kHz Sub Channel: 10 Hz - 1 kHz (+0, -1dB)	Subwoofer Channel: >150 @ 4 ohm / 50 Hz >75 @ 2 ohm / 50 Hz	2.05 in. x 14.73 in. x 7.09 in. 52 mm x 374 mm x 180 mm
MX Amplifiers							
MX300/1	Class D, Monoblock Wide-Range Amplifier	160W x 1 @ 4 ohms 220W x 1 @ 3 ohms 300W x 1 @ 2 ohms	<1%	>85 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>150 @ 4 ohm / 50 Hz >75 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/1	Class D, Monoblock Wide-Range Amplifier	300W x 1 @ 4 ohms 400W x 1 @ 3 ohms 500W x 1 @ 2 ohms	<1%	>97 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>115 @ 4 ohm / 50 Hz >54 @ 2 ohm / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX280/4	Class D, 4-Channel Full-Range Amplifier	50W RMS x 4 @ 4 ohms 70W RMS x 4 @ 2 ohms Bridged: 140W RMS x 2 @ 4 ohms	<1%	>89.5 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>60 @ 4 ohm / 50 Hz >30 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/4	Class D, 4-Channel Full-Range Amplifier	70W x 4 @ 4 ohms per ch. 125W x 2 @ 2 ohms per ch. Bridged: 250W x 2 @ 4 ohms	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX600/3	Class D, 3-Channel System Amplifier	**Main Channels, Stereo, all ch. driven:** 75W x 2 @ 4 ohms, 100W x 2 @ 2 ohms **Main Channels, Bridged, all ch. driven:** 200W x 1 @ 4 ohms **Subwoofer Ch., Mono, all ch. driven:** 250W x 1 @ 4 ohms, 300W x 1 @ 3 ohms, 400W x 1 @ 2 ohms	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm

Marine Subwoofer Specifications

Model	Nominal Diameter	Mounting Depth	Grille Options*	Color Options*	One-Way, Linear Excursion (Xmax)	Nominal Impedance (Znom)	Recommended RMS Amplifier Power**	Continuous Power Handling (Pt)	Recommended Sealed Enclosure Range	Recommended Ported Enclosure Range
Marine Subwoofers										
M6-8IB-	8.0 in. / 200 mm	5.00 in / 127 mm	-C or -S	-Gw or -GmTi	0.53 in. / 14 mm	4 ohm	50W-200W	200W	2.00 cu. ft. / 56.6 liters	1.50 cu. ft. / 42.5 liters
M6-10IB-	10 in. / 250 mm	5.90 in / 150 mm	-C or -S	-Gw or -GmTi	0.52 in. / 13.2 mm	4 ohm	75W-250W	250W	2.00 cu. ft. / 56.6 liters	2.50 cu.ft. / 70.8 liters
M6-10W-	10 in. / 250 mm	5.90 in / 150 mm	-C or -S	-Gw or -GmTi	0.52 in. / 13.2 mm	4 ohm	75W-250W	250W	0.75 cu. ft. / 21.2 liters	1.50 cu.ft. / 42.5 liters
M7-12IB-	12 in. / 300 mm	7.94 in / 202 mm	-C or -S	-Gw or -GmTi	0.73 in. / 18.5 mm	4 ohm	100W-600W	600W	3.00 cu. ft. / 85 liters	5.00 cu.ft. / 141.6 liters
M3-10IB-	10 in. / 250 mm	5.12 in. / 130 mm	-C or -S	-Gw or -Gm	0.42 in. / 11 mm	4 ohm	50W-175W	175W	Minimum: 2.0 cu. ft. / 56.6 liters Optimum: 2.5 cu. ft. / 70.8 liters or larger	N/A

Model	Description	Grille Options*	Color Options*	Left or Right	Recommended RMS Amplifier Power***	System Efficiency	System Nominal Impedance	System Frequency Response
3-Way Enclosed Speaker Systems								
M6-103EWS-	Enclosed 3-Way Weatherproof Subwoofer/Satellite Large format enclosed subwoofer/satellite systems for high-output applications requiring a weatherproof solution. Requires bi-amplification.	-Gw	-Gw	-L or -R	100 Watts 250 Watts	91.0 dB @ 1W/1m	4 ohms	30 Hz - 25 KHz ± 3 dB

Model	Nominal Diameter	Mounting Depth	Grille Options*	Color Options*	One-Way, Linear Excursion (Xmax)	Nominal Impedance (Znom)	Recommended RMS Amplifier Power**	Continuous Power Handling (Pt)	Recommended Sealed Enclosure Range	Recommended Ported Enclosure Range
Marine Enclosed Subwoofers										
M6-10FES-	10 in. / 250 mm	N/A	-C -S	-Mw -Mb	0.52 in. / 13.2 mm	4 ohm	75W-250W	250W	N/A	N/A

***Grille & Color Options:** Styles: Classic Grille (-C) / Sport Grille (-S) • Colors: Gloss White (-Gw) / Gunmetal (-Gm) / Gunmetal-Titanium (-GmTi)
(-Gm) Gunmetal is available on M3 Sport Grille only. • (-GmTi) Gunmetal/Titanium is available on M6/M7 Sport Grille only. Refer to illustrated chart on page 109 to see the grille and color options.

****Recommended RMS Amplifier Power for Subwoofers:** This is the RMS amplifier power recommended by JL Audio for each driver. Choosing a good quality amplifier in this power range will make use of the woofer's low-distortion performance envelope, without undue risk of failure. Use of less than the recommended power range may not damage the woofer, but may result in unsatisfactory performance. Caution must be exercised when using amplifiers that approach or meet the maximum recommended power. Use of an amplifier that exceeds the driver's "Continuous Power Handling (Pt)" specification voids the warranty.

*****Recommended RMS Amplifier Power for Full-Range Speakers (Components and Coaxials):** This is the RMS amplifier power recommended by JL Audio for each speaker system (per channel). A properly set, good quality amplifier in this power range will produce clean, dynamic audio without undue risk of failure when listening to music. Failure to set the amplifier's input sensitivity correctly will compromise reliability. Use of less than the recommended power range will not damage the speakers, but may result in unsatisfactory performance. Use of more power than recommended will compromise reliability with aggressive use and will void the warranty.

Marine Speaker Specifications

Model	Description	Grille Options*	Color Options*	Recommended RMS Amplifier Power***	System Efficiency	System Nominal Impedance	System Frequency Response
Marine Cockpit Speaker Systems							
M6-650X-	6.5-inch / 165 mm Coaxial Speaker System. 0.80-inch / 20 mm silk dome tweeter with neodymium magnet.	-C or -S	-Gw or -GmTi	25 - 150 Watts	89.5 dB @ 1W/1m	4 ohms	55 Hz - 25 KHz ± 3 dB
M6-770X-	7.7-inch / 196 mm Coaxial Speaker System. 1-inch / 25 mm silk dome tweeter with neodymium magnet.	-C or -S	-Gw or -GmTi	40 - 200 Watts	91.0 dB @ 1W/1m	4 ohms	45 Hz - 25 KHz ± 3 dB
M6-880X-	8.8-inch / 224 mm Coaxial Speaker System. 1.25-inch / 32 mm silk dome tweeter with neodymium magnet.	-C or -S	-Gw or -GmTi	50 - 250 Watts	90.5 dB @ 1W/1m	4 ohms	38 Hz - 20 KHz ± 3 dB
M3-650X-	6.5-inch / 165 mm Coaxial Speaker System. 0.75-inch / 19 mm silk dome tweeter with neodymium magnet.	-C or -S	-Gw or -Gm	20 - 125 Watts	89.5 dB @ 1W/1m	4 ohms	55 Hz - 25 KHz ± 3 dB
M3-770X-	7.7-inch / 196 mm Coaxial Speaker System. 0.75-inch / 19 mm silk dome tweeter with neodymium magnet.	-C or -S	-Gw or -Gm	20 - 140 Watts	90.5 dB @ 1W/1m	4 ohms	45 Hz - 25 KHz ± 3 dB
Marine Enclosed Speaker Systems							
M6-770ETXv3-	7.7-inch / 196 mm Enclosed Coaxial Speaker System. Mounting hardware sold separately. See pages 109 and 116 for options.	-C or -S	-Gw or -Sb	40 - 200 Watts	91.0 dB @ 1W/1m	4 ohms	45 Hz - 25 KHz ± 3 dB
M6-880ETXv3-	8.8-inch / 224 mm Enclosed Coaxial Speaker System. Mounting hardware sold separately. See pages 109 and 116 for options.	-C or -S	-Gw or -Sb	50 - 250 Watts	90.5 dB @ 1W/1m	4 ohms	38 Hz - 20 KHz ± 3 dB
M3-770ETXv3-	7.7-inch / 196 mm Enclosed Coaxial Speaker System. Mounting hardware sold separately. See pages 109 and 116 for options.	-C or -S	-Gw or -Sb	25 - 150 Watts	90.5 dB @ 1W/1m	4 ohms	55 Hz - 25 KHz ± 3 dB
M6-650VEX	6.5-inch / 165 mm Enclosed Coaxial Speaker System with Aluminum rear logo cap. Mounting hardware sold separately. See pages 109 and 116 for options.	-S	-Gw or -Mb	25 - 150 Watts	89.5 dB @ 1W/1m	4 ohms	100 Hz - 25 KHz ± 3 dB
M3-650VEX	6.5-inch / 165 mm Enclosed Coaxial Speaker System with Lexan® rear logo appliqué. Mounting hardware sold separately. See pages 109 and 116 for options.	-S	-Gw or -Mb	20 - 120 Watts	89.5 dB @ 1W/1m	4 ohms	100 Hz - 25 KHz ± 3 dB

***Grille & Color Options:** Styles: Classic Grille (-C) / Sport Grille (-S) • Colors: Gloss White (-Gw) / Gunmetal (-Gm) / Gunmetal-Titanium (-GmTi)
(-Gm) Gunmetal is available on M3 Sport Grille only. • (-GmTi) Gunmetal/Titanium is available on M6/M7 Sport Grille only. Refer to illustrated chart on page 109 to see the grille and color options.

****Recommended RMS Amplifier Power for Subwoofers:** This is the RMS amplifier power recommended by JL Audio for each driver. Choosing a good quality amplifier in this power range will make use of the woofer's low-distortion performance envelope, without undue risk of failure. Use of less than the recommended power range may not damage the woofer, but may result in unsatisfactory performance. Caution must be exercised when using amplifiers that approach or meet the maximum recommended power. Use of an amplifier that exceeds the driver's "Continuous Power Handling (Pt)" specification voids the warranty.

*****Recommended RMS Amplifier Power for Full-Range Speakers (Components and Coaxials):** This is the RMS amplifier power recommended by JL Audio for each speaker system (per channel). A properly set, good quality amplifier in this power range will produce clean, dynamic audio without undue risk of failure when listening to music. Failure to set the amplifier's input sensitivity correctly will compromise reliability. Use of less than the recommended power range will not damage the speakers, but may result in unsatisfactory performance. Use of more power than recommended will compromise reliability with aggressive use and will void the warranty.

Mounting Hardware Specifications

Mounting Hardware for ETXv3 Marine Enclosed Speaker Systems (sold in pairs)		
Fixed Mount Model	**Swivel Mount Model**	**Description**
M-MCPv3-1.315	M-SWMCPv3-1.315	Mount for ETXv3 models. Clamp has inner-diameter of 1.315"
M-MCPv3-1.660	M-SWMCPv3-1.660	Mount for ETXv3 models. Clamp has inner-diameter of 1.660"
M-MCPv3-1.900	M-SWMCPv3-1.900	Mount for ETXv3 models. Clamp has inner-diameter of 1.900"
M-MCPv3-2.000	M-SWMCPv3-2.000	Mount for ETXv3 models. Clamp has inner-diameter of 2.000"
M-MCPv3-2.250	M-SWMCPv3-2.250	Mount for ETXv3 models. Clamp has inner-diameter of 2.250"
M-MCPv3-2.375	M-SWMCPv3-2.375	Mount for ETXv3 models. Clamp has inner-diameter of 2.375"
M-MCPv3-2.500	M-SWMCPv3-2.500	Mount for ETXv3 models. Clamp has inner-diameter of 2.500"
M-MCPv3-2.875	N/A	Mount for ETXv3 models. Clamp has inner-diameter of 2.875"
M-MCPv3-3.000	N/A	Mount for ETXv3 models. Clamp has inner-diameter of 3.000"
M-MCPv3-DM	N/A	Deck/Surface Mount for ETXv3 models. Tilt adjustable, surface mounting.
M-MCPv3-MC	N/A	Mount for ETXv3 models. MasterCraft®-specific design.
M-MCPv3-SM	N/A	Mount for ETXv3 models. Surface mount. Four Winns®-specific design.
M-MCPv3-MC/LP	N/A	Mounting Fixtures for ETXv3 Speaker Systems. MasterCraft®-specific design.
M-MCPv3-NA	N/A	Mount for ETXv3 models. Tilt adjustable, surface mounting. Nautique®-specific design.
M-MCPv3-SU-Top	N/A	Mounting Fixtures for ETXv3 Speaker Systems. Top tower mounting. Supra®-specific design.
M-MCPv3-SU-Side	N/A	Mounting Fixtures for ETXv3 Speaker Systems. Side tower mounting. Supra®-specific design.
Mounting Hardware for VeX™ Pods (sold in pairs)		
PS-SWMCP-B-0.750		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 0.750″
PS-SWMCP-B-0.875		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 0.875″
PS-SWMCP-B-1.000		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.000″
PS-SWMCP-B-1.125		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.125″
PS-SWMCP-B-1.250		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.250″
PS-SWMCP-B-1.375		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.375″
PS-SWMCP-B-1.500		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.500″
PS-SWMCP-B-1.625		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.625″
PS-SWMCP-B-1.700		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.700″
PS-SWMCP-B-1.750		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.750″
PS-SWMCP-B-1.850		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.850″
PS-SWMCP-B-1.875		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 1.875″
PS-SWMCP-B-2.000		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.000″
PS-SWMCP-B-2.250		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.250″
PS-SWMCP-B-2.375		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.375″
PS-SWMCP-B-2.500		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.500″
PS-SWMCP-B-2.625		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.625″
PS-SWMCP-B-2.750		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.750″
PS-SWMCP-B-2.875		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 2.875″
PS-SWMCP-B-3.000		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 3.000″
PS-SWMCP-B-3.250		Pipe Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clamps have inner-diameter of 3.250″
PS-SWMCP-B-SM		Deck/Surface Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Black anodized.
PS-SWMCP-C-SM		Deck/Surface Mounting Fixtures (Swivel) for VeX™ Speaker Systems. Clear anodized.

Powersports Audio

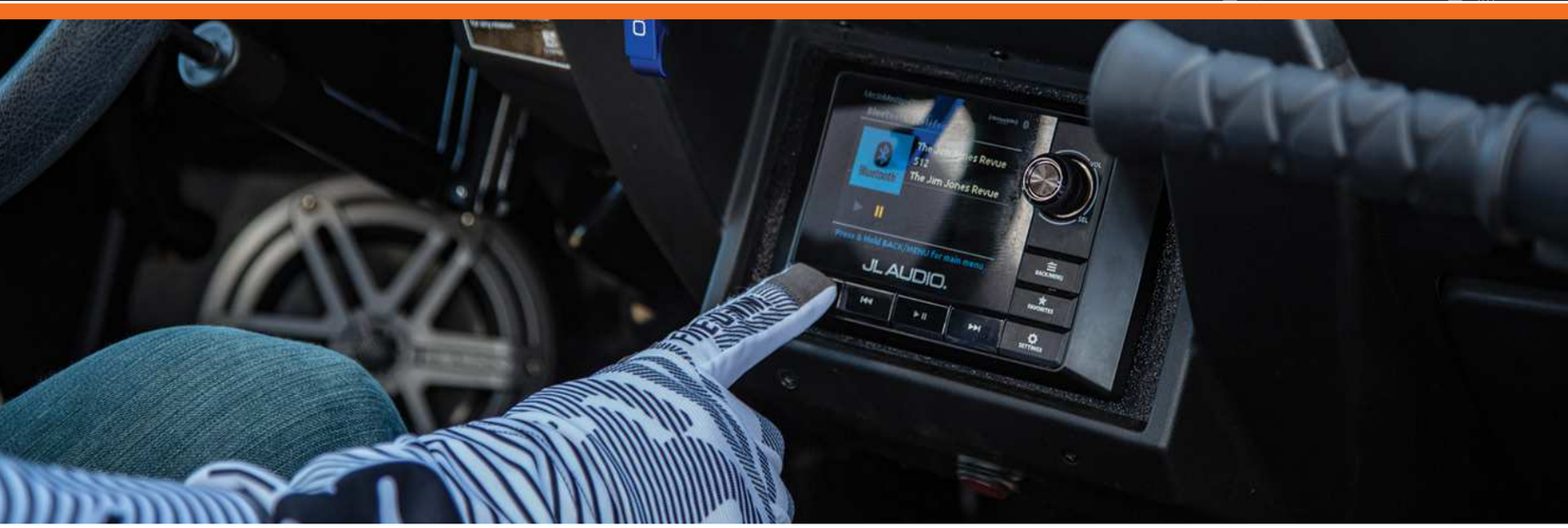
Whether you're hitting the trails, blasting the dunes or splashing through the swamp, JL Audio premium powersports audio products are engineered to deliver an outstanding audio experience. You not only get sound that is loud enough to be heard over the roar of the engine, you also get the clarity and definition to truly enjoy your favorite music.

Specifically engineered for off-road, rugged, dirty duty, **JL Audio**® powersports audio products are built with marine-grade materials and weatherproof construction for tough-as-nails structural integrity.

MediaMaster®

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS



MM100s-BE
Premium Source Unit with Full-Color LCD Display

MM50
Powered Source Unit with Full-Color LCD Display

Great audio begins here.

Achieving amazing sound on the trail has never been easier, thanks to our family of MediaMaster® source units.

Specifically engineered for marine and powersports applications, each model is outfitted with a variety of tuner and connectivity options, plus multi-zone level controls, for maximum listening flexibility and convenience.

Every MediaMaster® source unit features weatherproof contruction (IP66 rated) with oversized controls and customizable, full-color LCD displays. **If top-quality audio is your priority, a MediaMaster® belongs in your vehicle.**

IP66 DUST & WATER RESISTANT

Weatherproof Design:
IP66 rated and built to withstand the elements.

MM100s-BE

The MM100s-BE is a premium source unit built to withstand anything Mother Nature can dish out. A super-bright, customizable, 3.5-inch full-color LCD display, delivers outstanding visibility, even in bright sunlight. When in motion, you'll appreciate a clean user interface with big text and large, backlit controls.

Mechless audio source options include digital AM/FM tuner (with NOAA weatherband capability), SiriusXM-Ready™, Bluetooth® connectivity, USB direct digital connection and an analog AUX input.

Designed to put sound quality first, the MM100s-BE offers audiophile, line-level outputs only, ideal for use with JL Audio amplifiers. Four independent audio zones, each with its own set of configurable control options, make the MM100s-BE adaptable to a wide range of system types.

MM50

The MM50 is a high-performance, single-chassis source unit, engineered to deliver outstanding fidelity and advanced audio features in powersports, utility and outdoor applications.

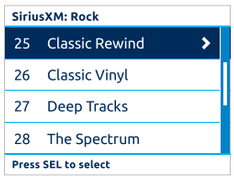
Featuring a weatherproof (IP66 rated) design, the MM50 houses an ultra-bright, 2.8-inch full-color LCD display with separate Day/Night lighting themes. Included audio source options include digital AM/FM tuner, Bluetooth® connectivity, USB direct digital connection and an analog AUX input.

A rock-solid, onboard amplifier generates 100 watts (25W RMS x 4) of breakthrough sound to power your speakers directly. You also have six channels of top-notch, line-level outputs from two independent main zones, plus a dedicated subwoofer zone to feed any outboard amplifiers.

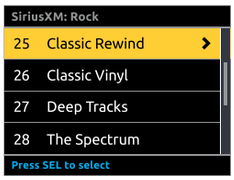

YAMAHA
JL AUDIO

Display Themes

MM100s-BE screens shown with optional SiriusXM



Display Theme 1, optimized for Day Mode



Display Theme 2, optimized for Night Mode

Connect your favorite devices

MM100s-BE screens shown

Play music directly from your connected USB storage device and use the MM100s-BE to control playback.

Enjoy full USB control of your compatible iPhone, with full album art and support of songs, artists, playlists and more.

Stream wirelessly via Bluetooth® and use the MM100s-BE to control track selection and play/pause.

MediaMaster® Dash Mount Kits

MediaMaster® 50
Sold Separately

SBA-POL-RZG2-DK-MM50
Dash Kit for MediaMaster® 50
Fits 2014-Up Polaris® RZR®
(mounts in the factory storage pocket location)*

MediaMaster® 50
Sold Separately

SBA-CAN-MVX3-DK-MM50
Dash Kit for MediaMaster® 50
Fits 2017-Up CanAm® Maverick X3
(mounts in the factory storage pocket location)

* Does not fit 2020 RZR XP Pro Model.

MediaMaster® Accessories:

MMR-40 Wired Network Controller
- NMEA 2000® Network Controller with LCD display for all MediaMaster® source units

MMR-20 Round Wired Remote
- Wired, non-display remote for MM100s-BE and MM50

MMR-5N2K Network Volume Controller
- NMEA 2000® Volume Controller for MM100s-BE and MM50

MMC-6 Remote Cable
- 6-foot cable for MMR-20

MMC-25 Remote Cable
- 25-foot cable for MMR-20

MMC-2Y Remote Cable Y-Splitter
- Y-adaptor cable for MMC-6 and MMC-25 remote cables

MMC-PN2K-6 Powered Network Cable
- 6-foot cable for MMR-40 or MMR-5N2K (simulates an isolated, stand-alone NMEA2000® network)

MMC-PN2K-25 Powered Network Cable
- 25-foot cable for MMR-40 or MMR-5N2K (simulates an isolated, stand-alone NMEA2000® network)

MMP-1-BK Mounting Adaptor Plate
- Adaptor plate for new and retrofit MM100s-BE installations

MMP-2-BK Mounting Adaptor Plate
- Adaptor plate for new and retrofit MM50 and MMR-40 installations

MMR-20-BE Wired Remote

MMR-5N2K
NMEA 2000® Volume Controller

MBT

Unwired.

IPX6 WATER RESISTANT

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

Models:

MBT-RX
Marine Bluetooth® Receiver

- **Bluetooth® Profile:** A2DP (High-Quality, Stereo Audio)
- **Bluetooth® Core Specification:** Version 4.0 with aptX®
- **Frequency Response:** 20 Hz - 18 kHz (±1dB)
- **Outputs:** One Stereo Pair, Low-Level RCA (2V RMS)
- **Connection Range:** Up to 35 ft / 11 m

MBT-CRXv2
Marine Bluetooth® Controller & Receiver

- **Bluetooth® Profile:** A2DP (High-Quality, Stereo Audio)
- **Bluetooth® Core Specification:** Version 4.0 with aptX®
- **Frequency Response:** 20 Hz - 18 kHz (±1dB)
- **Outputs:** One Stereo Pair, Line-Level RCA (2V RMS), +12VDC Amplifier Remote Turn-On
- **Connection Range:** Up to 35 ft / 11 m

MBT: Bluetooth® Receivers and Controllers

Engineered for powersports and marine applications, JL Audio's MBT Bluetooth® products are in their element, whether cruising the highways or climbing the hills. Both models are water-resistant, with a minimum IPX6 rating.

Outfitted with Bluetooth® v4.0 and the aptX® codec for outstanding audio fidelity, each can receive audio wirelessly from your compatible streaming device, up to 35 ft. (11 m) away. A stereo pair of RCA outputs connects to any source unit with line-level/auxiliary inputs. You may also connect either model directly to an amplifier as a stand-alone source unit/receiver, where their 2V RMS output signals (twice that of conventional Bluetooth® receivers) really make a difference.

The super-tiny MBT-RX Bluetooth® Audio Receiver can be hidden in almost any installation location, allowing you to conveniently control your tunes from your device in-hand.

The MBT-CRXv2 Bluetooth® Controller/Receiver adds the convenience of backlit, push-button audio controls, so that your streaming device can remain safely tucked away. A small footprint and a clever, one-hole design makes installation a simple affair, requiring only a single hole for panel mounting. A square, front-mount adaptor plate is also included.

With JL Audio's MBT Bluetooth® receivers, it's easy to enjoy your favorite music wirelessly.

MBT-CRXv2
(Shown with included mounting adaptor plate.)

IP67 DUST & WATER RESISTANT

IPX6 WATER RESISTANT

MBT-RX

Bluetooth® Qualcomm® aptX™

VEX™

M6/M3 VEX™ Pods

VEX™ pods are ultra-compact, weatherproof speaker systems, suitable for most open-air installations, whether on or off-road. Optimized for use with a high-quality subwoofer system, VEX™ Pods deliver clear, loud mid and high-frequency output in the most demanding applications.

Available in gloss white or textured matte black finishes, with or without RGB illumination, each VEX™ pod houses a 6.5-inch high-performance marine coaxial speaker in a rugged, injection-molded enclosure.

A rotating clamp receiver is included to mate with an appropriate fixture (sold separately) permitting installation on a wide range of roll cage diameters and surface mount applications.

No matter what paths your adventures take, VEX™ pods are built to deliver years of audio excitement.

Wire Harness
(each pod includes 10 ft. of cable)

Designed for Custom-Mounting
For applications with angled pipes, VEX™ enclosures are designed to receive the speaker in virtually any angle of rotation for a clean, finished look.

Machined Mounting Fixtures
Available to fit roll cage diameters and surface-mount applications (sold separately). See page 109 for more info.

M6-650VEX-Mb-S-GmTi-i

Aluminum Rear Cap
(with M6-VEX™)

Lexan® Logo Appliqué
(with M3-VEX™)

M3-650VEX-Gs-S-GW-i

VEX™ Pod Models and Features:

M6-650VEX: 6.5-inch (165mm) Speaker System
- 6.5-inch (165mm), marine-grade coaxial speaker with treated silk dome tweeter
- Continuous RMS Power Handling (per speaker): 75 W
- Recommended RMS Amplifier Power (per speaker): 25 - 150 W
- Nominal Impedance: 4 ohms
- Required mounting fixtures are sold separately.
- Built in Miramar, Florida, USA / Sold as a pair.

M3-650VEX: 6.5-inch (165mm) Speaker System
- 6.5-inch (165mm), marine-grade coaxial speaker with treated silk dome tweeter
- Continuous RMS Power Handling (per speaker): 60 W
- Recommended RMS Amplifier Power (per speaker): 20 - 120 W
- Nominal Impedance: 4 ohms
- Required mounting fixtures are sold separately.
- Built in Miramar, Florida, USA / Sold as a pair.

Engineered as a Complete System

- Sealed enclosures are tuned to provide optimal sound, while keeping the elements out.
- Systems available with our flagship M6-650X or high-performance M3-650X marine coaxials.

Built for the Real Outdoors

- All models are designed and built to exceed industry standards for salt-fog and UV exposure.
- Speakers and enclosures are molded from marine-grade polymer to resist UV exposure and corrosion.

Versatile Mounting Options

- A range of precision-machined mounting fixtures are available to fit a wide variety of roll cage / tube diameters and are engineered to permit precise aiming of the VeX™ pods for optimum sound quality.
- Compact size allows VeX™ pods to be installed in tight spaces, without compromising vehicle utility or safety.

Optional LED Illuminated Models

- Illuminated VEX™ models are outfitted with LEDs for brilliant accent lighting effects.

  M6-VEX™: Transflective™ LED Technology
  Patented RGB LED lighting design produces stunningly smooth cone illumination, with no "hot spots" or reflections on the cone surface.

  M3-VEX™: Built-in RGB Lighting
  Multi-color LEDs are embedded within each speaker grille to produce vibrant accent lighting.
- Choose from seven fixed-wiring colors or connect a lighting controller accessory (sold separately) for adjustable control. For optimal performance, we recommend the JL Audio MLC-RW (Marine Lighting Controller).

MX

IPX7
WATER RESISTANT

IDEAL FOR:

- SMALL WATERCRAFT
- MOTORCYCLES
- UTV'S & ATV'S
- GOLF CARTS

Play anywhere.

MX: Compact Powersports Amplifiers

Engineered for powersports and marine applications, MX amplifiers employ our highly-efficient NexD™ Class D technology to produce lots of clean power, without straining charging systems or taking up a lot of space.

Housed in tiny, cast aluminum chassis, MX amplifiers are corrosion resistant and boast an IPX7 water-resistance rating, making them ideal for almost any application, even those where moisture cannot be completely avoided, such as powersports, motorcycle and marine installations.*

All MX amplifiers include flexible crossover filters and accept a wide range of input signals. The 4-channel MX280/4 delivers a clean 50W x 4 and the MX500/4 produces an even stronger 70W x 4 into 4 ohms. Both models are fully bridgeable and can be used as a 3-channel amplifier, or as a 2-channel amplifier producing potent stereo output.

MX280/4

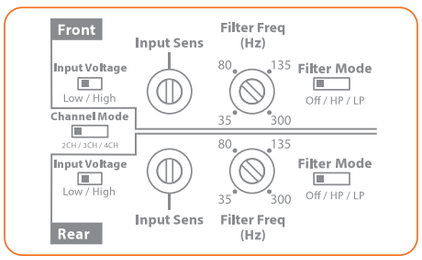
The monoblock MX300/1 generates 300W into 2 ohms, while its big brother, the MX500/1 produces a whopping 500W of rock-solid power into 2 ohms. Onboard controls include a bass boost EQ, output polarity switch and variable infrasonic filter.

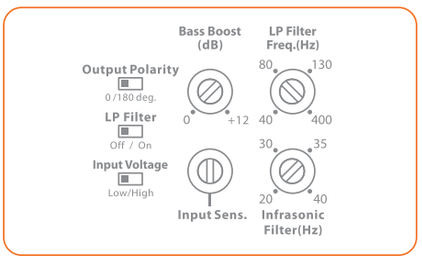
The 3-channel MX600/3 offers an all-in-one, total system power solution, capable of driving one or two pairs of marine speakers, plus a subwoofer, generating up to 600W of total power from a very compact chassis.

No matter where you like to play, MX amplifiers are ready to power your soundtrack!

MX500/1

All controls are protected behind a watertight cover.





MX Models

Ultra-Compact Footprints / Highly Versatile
- **MX280/4 & MX300/1:** 8.66 x 3.09 x 1.77 in. (220 x 78.5 x 45 mm)
- **MX500/4, MX500/1 & MX600/3:** 9.33 x 4.50 x 1.77 in. (237 x 114.5 x 45 mm)

Monoblock Amplifiers

MX300/1: 1 x 160W @ 4 ohms; 300W x 1 @ 2ohms
MX500/1: 1 x 300W @ 4 ohms; 500W x 1 @ 2 ohms
- Wide-Range, NexD™ switching technology
- Adjustable Low-Pass Filter (40-400 Hz, 24 dB/octave, defeatable)
- Output polarity switch
- Adjustable infrasonic filter (20-40 Hz)
- Variable bass boost (0 to +12dB at 43Hz)
- Port for M-RBC-1 sub level control (sold separately)

Four-Channel Amplifiers

MX280/4: 4 x 50W @ 4 ohms; 4 x 70W @ 2 ohms
MX500/4: 4 x 70W @ 4 ohms; 4 x 125W @ 2 ohms
- Full-Range, NexD™ switching technology
- Adjustable High-Pass / Low-Pass Filter (35-300 Hz, 12 dB/octave, defeatable)
- 2CH/3CH/4CH input switch

System Amplifiers

MX600/3: 2 x 75W + 150W @ 4 ohms; 2 x 100W + 400W @ 2 ohms
- Wide-Range, NexD™ switching technology
- Adjustable Low-Pass Filter (40-400 Hz, 24 dB/octave)
- Adjustable High-Pass Filter (35-300 Hz, 12 dB/octave)
- Output polarity switch for subwoofer ch.
- Adjustable infrasonic filter (20-40 Hz) for subwoofer ch.
- Variable bass boost (0 to +12dB at 43Hz)
- Port for M-RBC-1 sub level control (sold separately)

Power ratings for MX amplifiers are based on the "industry standard" rating method (14.4V supply voltage w/less than 1% THD+N, all channels driven, RMS method).

* IPX7: Product is protected against streams of water and heavy moisture. The product is not designed or rated to be submersible. Product images on this page are shown with wiring removed. Actual product has non-removable wiring.

Water-Resistant Remote Level Control (M-RBC-1)
With the addition of the optional M-RBC-1 (sold separately), you can remotely control the level of a subwoofer connected to the MX300/1, MX500/1 or the MX600/3.

MediaMaster® / VEX™ / MX Amplifier Specifications

Model	Description	Display Size / Type	Display Resolution	Input Operating Voltage	Standby Current Draw	Operating Current Draw	Interface	Connection Range	Dimensions H x W x D
Source Units									
MM100s-BE	Full-feature, weatherproof source unit with full color LCD display	3.5-inch / TFT LCD	320 x 240	10 - 16 VDC	120 mA	1.5 A	USB 2.0	Up to 35 ft / 11 m	3.90 in. x 5.94 in. x 1.78 in. 99 mm x 151 mm x 45.2 mm
MM50	Weatherproof source unit with full color LCD display	2.8-inch / TFT LCD	320 x 240	10 - 16 VDC	100 mA	15 A	USB 2.0	Up to 35 ft / 11 m	3.74 in. x 4.65 in. x 2.36 in. 95 mm x 118 mm x 60 mm
MMR-40	Full-function, NMEA 2000® network wired remote controller with full color LCD display	2.8-inch / TFT LCD	320 x 240	N/A	N/A	N/A	N/A	N/A	3.74 in. x 4.65 in. x 0.55 in. 95 mm x 118 mm x 14 mm

Model	Description	Grille Options*	Color Options*	Recommended RMS Amplifier Power***	System Efficiency	System Nominal Impedance	System Frequency Response
VEX™ Enclosed Speaker Systems							
M6-650VEX	6.5-inch / 165 mm Enclosed Coaxial Speaker System with Aluminum rear logo cap. Mounting hardware sold separately. See pages 109 and 116 for options.	-S	-Gw or -Mb	25 - 150 Watts	89.5 dB @ 1W/1m	4 ohms	100 Hz - 25 KHz ± 3 dB
M3-650VEX	6.5-inch / 165 mm Enclosed Coaxial Speaker System with Lexan® rear logo appliqué. Mounting hardware sold separately. See pages 109 and 116 for options.	-S	-Gw or -Mb	20 - 120 Watts	89.5 dB @ 1W/1m	4 ohms	100 Hz - 25 KHz ± 3 dB

Model	Description	Continuous Power (RMS Method) (Ratings at 14.4V supply voltage)	THD+N at Rated Power	S/N Ratio	Frequency Response	Damping Factor	Dimensions H x W x D
MX Amplifiers							
MX300/1	Class D, Monoblock Wide-Range Amplifier	160W x 1 @ 4 ohms 220W x 1 @ 3 ohms 300W x 1 @ 2 ohms	<1%	>85 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>150 @ 4 ohm / 50 Hz >75 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/1	Class D, Monoblock Wide-Range Amplifier	300W x 1 @ 4 ohms 400W x 1 @ 3 ohms 500W x 1 @ 2 ohms	<1%	>97 dBA referred to rated power	20 Hz - 12 kHz (+0, -1dB)	>115 @ 4 ohm / 50 Hz >54 @ 2 ohm / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX280/4	Class D, 4-Channel Full-Range Amplifier	50W RMS x 4 @ 4 ohms 70W RMS x 4 @ 2 ohms Bridged: 140W RMS x 2 @ 4 ohms	<1%	>89.5 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>60 @ 4 ohm / 50 Hz >30 @ 2 ohm / 50 Hz	1.77 in. x 8.66 in. x 3.09 in. 45 mm x 220 mm x 78.5 mm
MX500/4	Class D, 4-Channel Full-Range Amplifier	70W x 4 @ 4 ohms per ch. 125W x 2 @ 2 ohms per ch. Bridged: 250W x 2 @ 4 ohms	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm
MX600/3	Class D, 3-Channel System Amplifier	**Main Channels, Stereo, all ch. driven:** 75W x 2 @ 4 ohms, 100W x 2 @ 2 ohms **Main Channels, Bridged, all ch. driven:** 200W x 1 @ 4 ohms **Subwoofer Ch., Mono, all ch. driven:** 250W x 1 @ 4 ohms, 300W x 1 @ 3 ohms, 400W x 1 @ 2 ohms	<1%	>88 dBA referred to rated power	20 Hz - 20 kHz (+0, -1dB)	>92 @ 4 ohm per ch. / 50 Hz >43 @ 2 ohm per ch. / 50 Hz	1.77 in. x 9.33 in. x 4.50 in. 45 mm x 237 mm x 115 mm