



# MARINE

How we play.®



## Engineering & Manufacturing: a commitment to great audio.

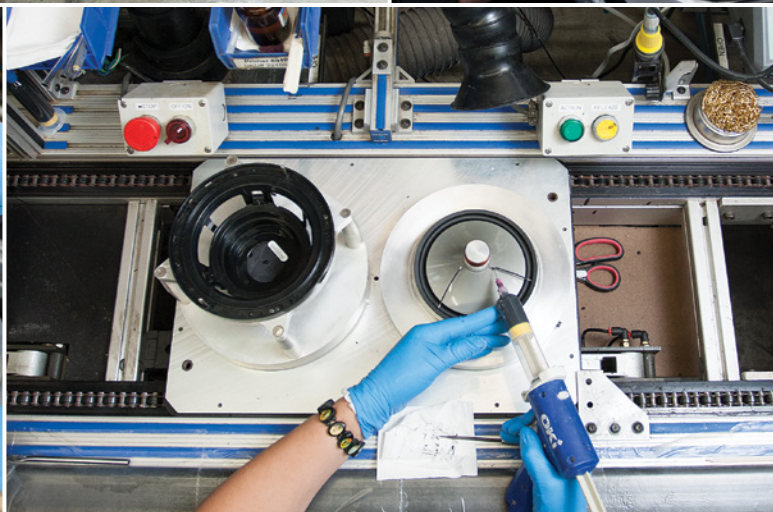
JL Audio's commitment to U.S. loudspeaker production is unique in the marine audio industry and is central to the quality, durability and consistency of our marine loudspeakers.

Materials and components from our global network of suppliers feed JL Audio's state-of-the-art loudspeaker production facility in Miramar, Florida. This is where our design engineers, production engineers and production teams work together in one place to deliver a level of quality and performance that separates our products from the rest.

I am very confident you will hear our commitment to great audio every time you listen to our marine audio products.

On behalf of everyone at JL Audio, I thank you for the opportunity to earn your business!

**Lucio Proni - CEO and Chief Engineer**





## MediaMaster®: Your source for great audio.



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



MM50  
Marine Source Unit with  
Full-Color LCD Display



\* Refer to MFD manufacturer  
for compatibility info.

Enjoy great audio wherever your adventures take you with our lineup of MediaMaster® Marine 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).

Both MM100s-BE and MM50 models feature weatherproof construction (IP66 rated) with oversized controls and customizable, full-color LCD displays. The MM80-HR Hidden Receiver is built to deliver outstanding JL Audio sound, while remaining tucked away within your vessel.

Enjoying great sound on the water has never been easier or sounder better, thanks to our family of MediaMaster® source units.



MM80-HR  
Hidden Receiver

### MediaMaster® Remotes



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



MMR-20-BE  
Wired Remote Controller



MMR-10W Wireless  
Remote Controller System

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



USB

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.



Connect your favorite devices:  
MM100s-BE screens shown





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



ALSO IDEAL FOR:



MBT-RX



Bluetooth® Qualcomm® aptX

## Bluetooth® Receivers and Controllers

Designed for all your outdoor adventures, JL Audio's MBT Bluetooth® products are in their element, whether on the seas or deep in the back trails. Both models are water-resistant, with an IPX6 rating or better.

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.

Use the versatile MBT-CRXv2 Bluetooth® Controller/Receiver to add Bluetooth connectivity to any source unit with an auxiliary input or connect directly to an amplifier and use it as a stand-alone source unit/receiver.





## MHD, M-Series & MX-Series: Amplifiers



### MHD Amplifiers

Maximum marine audio performance requires ample clean power, and our MHD amplifiers are built to deliver it.

The MHD's central technology, Single-Cycle Control™, allows us to pack a huge amount of clean power into the compact MHD chassis, while delivering stellar installation flexibility. But, that is only half the story: Single Cycle Control™ and our famous R.I.P.S. power supply technology enable world-class sonic performance that equals the finest amplifiers, of any size, while operating reliably in the tough marine environment. These are unique JL Audio technologies that cannot be found on any other marine amplifier.

When only the best will do, MHD is your amplifier.

#### Models:

- **MHD750/1:**  
Monoblock Class D Marine Wide-Range Amplifier, 750 W x 1 @ 1.5-4 Ω
- **MHD600/4:**  
4-Ch. Class D Marine Full-Range Amplifier, 150 W x 4 @ 1.5-4 Ω
- **MHD900/5:**  
5-Ch. Class D Marine System Amplifier, 100 W x 4 + 500 W x 1

### M-Series Amplifiers

M-Series amplifiers are engineered to deliver stunning power output with incredible efficiency.

At the heart of each M-Series amp is JL Audio's exclusive NexD™ switching technology, designed to achieve total amplifier efficiencies exceeding 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.

Some might just see a small amplifier... But, for those who appreciate great audio, M-Series amplifiers reveal something huge.

#### Models:

- **M600/1:** Monoblock Class D Marine Subwoofer Amplifier, 600 W
- **M1000/1v2:** Monoblock Class D Marine Subwoofer Amplifier, 1000 W
- **M200/2:** 2 Ch. Class D Full-Range Marine Amplifier, 200 W
- **M400/4:** 4 Ch. Class D Full-Range Marine Amplifier, 400 W
- **M600/6:** 6 Ch. Class D Full-Range Marine Amplifier, 600 W
- **M800/8v2:** 8 Ch. Class D Full-Range Marine Amplifier, 800 W
- **M500/3:** 3 Ch. Class D Full-Range Marine System Amplifier, 500 W
- **M700/5:** 5 Ch. Class D Marine System Amplifier, 700 W
- **M1000/5v2:** 5 Ch. Class D Marine System Amplifier, 1000 W

### MX Amplifiers

Employing JL Audio's highly-efficient NexD™ technology, MX amplifiers are built to generate loads of clean power, without straining small charging systems.

Developed specifically for marine and powersports applications, MX amps are encased in tiny, cast aluminum chassis, with an IPX7 water resistance rating, making them great for installations in boats and small watercraft. Onboard filters and signal processing allow easy set-up and system flexibility.

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

#### Models:

- **MX300/1:** Monoblock Class D Wide-Range Amplifier, 300 W
- **MX500/1:** Monoblock Class D Wide-Range Amplifier, 500 W
- **MX280/4:** 4 Ch. Class D Full-Range Amplifier, 280 W
- **MX500/4:** 4 Ch. Class D Full-Range Amplifier, 500 W
- **MX600/3:** 3 Ch. Class D System Amplifier, 600 W

Also ideal for:









## M-Series: Subwoofers and Loudspeakers



### M-Series Subwoofer Drivers

Engineered as the reference standard in marine subwoofer performance, M-Series subwoofers are built with rugged suspension systems and long excursion capabilities to deliver deep, powerful bass to transform any boat's audio system.

The powerful M8W5 and M10W5 are optimized to operate in compact sealed enclosures. The M8IB5, M10IB5 and M12IB6 are designed for high-power, infinite-baffle operation and can be installed without the need for a dedicated enclosure behind it.

#### Models:

- 8-inch Marine Subwoofer Driver, 200 W, 4  $\Omega$
- 10-inch Marine Subwoofer Driver, 250 W, 4  $\Omega$
- 12-inch Marine Subwoofer Driver, 600 W, 4  $\Omega$

### M880 Coaxials

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

### M770 Components & Coaxials

For an extra sonic edge, consider our oversized, 7.7-inch diameter coaxial or component speaker systems that deliver more bass, higher output and better clarity at high volume levels than 6.5-inch speakers, thanks to 20% more sound radiating area.

### M650 Coaxials

For tighter spaces, our compact M650-CCX is available in a true 6.5-inch, narrow-flange format that will fit where conventional marine 6.5-inch speakers will not.

#### Models:

- 8.8-inch Marine Coaxials, 125 W, 4  $\Omega$
- 7.7-inch Marine Component System, 100 W, 4  $\Omega$
- 7.7-inch Marine Coaxials, 100 W, 4  $\Omega$
- 7.7-inch Marine Component System, 100 W, 4  $\Omega$
- 6.5-inch Narrow Flange Marine Coaxials, 75 W, 4  $\Omega$



### FS Enclosed Subwoofer Systems

- Sealed enclosure, precisely tuned for M8W5 and M10W5 subwoofers, delivers outstanding impact in open air applications.
- 100% Fiberglass construction for years of performance



## MAXIMUM PERFORMANCE

See chart on page 15 for color, grille and LED options







## MX-Series: Subwoofers and Loudspeakers



### MX10IB3

- JL Audio® marine subwoofer performance at a really nice price!
- 10-inch subwoofer driver  
175W, 4 ohms
- Designed for infinite-baffle operation (no enclosure needed).
- Sold individually



### MX770-CCX

- Super-sized for more output, deeper bass response and superior sound quality!
- 7.7-inch cockpit coaxial speaker, 70W, 4 ohms
- Designed for infinite-baffle operation (no enclosure needed). Sold as pairs.



### MX650-CCX

- The ideal replacement for standard-sized marine 6.5-inch speakers!
- 6.5-inch cockpit coaxial speaker, 60W, 4 ohms
- Designed for infinite-baffle operation (no enclosure needed). Sold as pairs.

## AVAILABLE WITH BUILT-IN BLUE LED LIGHTING

See chart on page 15 for color, grille and LED options

## HIGH PERFORMANCE

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 MX speakers are designed with the same "DNA" as our flagship speakers and are built alongside them. 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.

MX speaker systems are available in a wide range of beautiful looks for surface-mounting, or as enclosed systems (shown on page 12) that are ideal for wakeboard towers, deck mounting and many other self-contained applications.



MX770-CCX-SG-CLD-B







## M-Series & MX-Series: Enclosed Speakers



### M-Series ETXv3

The 7.7-inch models feature enhanced bass performance, thanks to specialized 7.7-inch tower coaxials designed to deliver clean, loud audio that can be heard well beyond the boat.

For those looking for even more performance, we offer a larger model that employs our massive 8.8-inch M-Series coaxial. This is the ultimate tower speaker system, delivering superb sound quality, amazing bass and remarkable output.

Models:

- 7.7-inch (196 mm) Enclosed Tower Coaxial System, 100W, 4 ohms
- 8.8-inch (224 mm) Enclosed Tower Coaxial System, 125W, 4 ohms



### 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.

### Designed for Custom-Mounting

For applications with angled pipes, the enclosure is designed to receive the loudspeaker in virtually any angle of rotation for a clean, finished look.



### MX-Series ETXv3

Our MX770-ETXv3 speaker systems are purpose-built to generate clean, loud audio that can be heard well beyond the boat. Designed to be installed up high, these enclosed systems utilize an oversized 7.7-inch coaxial to deliver fuller sound with plenty of deep mid-bass output.

Models:

- 7.7-inch (196 mm) Enclosed Tower Coaxial System, 70W, 4 ohms



### LED

Blue LED illumination is optional on MX-Series ETXv3 and VeX™ Pod Systems. See chart on page 15 for color, grille and LED options



### M770-ETXv3-CG-WH

7.7-inch coaxial system shown with deck-mount hardware (M-MCPv3-DM) attached. Sold as pairs.



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.







# Built for true marine duty.

## Ingress Protection / Durability

Established by the International Electrotechnical Commission (IEC), the IP (or "Ingress Protection") Code, defines (IEC standard 60529) 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 and 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 Test Standards



### B117 - Salt/Fog Test Standard

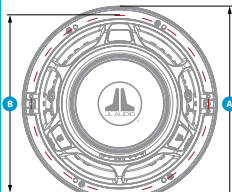
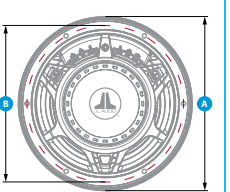
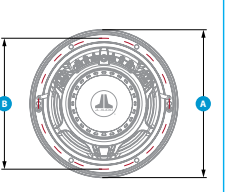
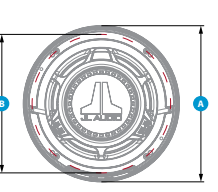
The salt/fog test standard provides accelerated aging in a controlled corrosive environment to produce relative corrosion resistance information for specimens of metals and coated metals. (all speakers and subwoofers)

### 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. (all speakers and subwoofers)



# Which speaker size is right for your boat?

M880 Series 8.8-inch (224 mm) Speakers	M770 / MX770 Series 7.7-inch (196 mm) Speakers	M650 Series Narrow-Flange 6.5-inch (166 mm) Speakers	MX650 Series Standard Flange "6.5-inch" (175 mm) Speakers
			
<b>Woofer Frame Outer Diameter (A):</b> 8.80 in / 224 mm <b>Bolt Hole Circle (B):</b> 7.97 in / 202 mm <b>Woofer Mounting Hole Diameter:</b> 7.375 in / 187 mm <b>Woofer Mounting Depth:</b> 5.18 in / 132 mm Oversize design results in more cone area, higher output and better bass response than 6.5-inch or 7.7-inch marine speakers.	<b>Woofer Frame Outer Diameter (A):</b> 7.70 in / 196 mm <b>Bolt Hole Circle (B):</b> 6.92 in / 176 mm <b>Woofer Mounting Hole Diameter:</b> 6.25 in / 159 mm <b>Woofer Mounting Depth:</b> 3.15 in / 80 mm Oversize design results in more cone area, higher output and better bass response than 6.5-inch marine speakers.	<b>Woofer Frame Outer Diameter (A):</b> 6.55 in / 166 mm <b>Bolt Hole Circle (B):</b> 5.79 in / 147 mm <b>Woofer Mounting Hole Diameter:</b> 5.00-5.25 in / 127-133 mm <b>Woofer Mounting Depth:</b> 2.95 in / 75 mm To allow fitment in tighter spaces, this speaker has a narrower flange and a smaller bolt hole circle than a standard "marine 6.5-inch" speaker.	<b>Woofer Frame Outer Diameter (A):</b> 6.90 in / 175 mm <b>Bolt Hole Circle (B):</b> 6.125 in / 155.5 mm <b>Woofer Mounting Hole Diameter:</b> 5.00-5.25 in / 127-133 mm <b>Woofer Mounting Depth:</b> 2.74 in / 69.5 mm This speaker uses a standard, wide-flange "marine 6.5-inch" frame (which is actually 6.9-inches in diameter) and is a direct replacement for most marine "6.5-inch" speakers.

## Color / Grille Options

	White (WH)	Titanium (TB)		White (WH)	Titanium (TB)	Chrome (CR)
						
	M-Series Subwoofer Drivers			M-Series Subwoofer Drivers		
Classic Grille (CG)						
	M-Series Speakers			M-Series Speakers		
						
	MX-Series Subwoofer Drivers			MX-Series Subwoofer Drivers		
						
	MX-Series Speakers			MX-Series Speakers		

\* Also available with integrated blue LED illumination

### Interchangeable Sport Grille badges :

White speakers with Sport Grilles include white, black and red interchangeable logo badges to customize your installation.



Titanium speakers with Sport Grilles include titanium, black and red interchangeable logo badges to customize your installation.

Chrome speakers with Sport Grilles include black, blue and red interchangeable logo badges to customize your installation.





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