



MX-Series: High-Performance 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.

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 19) that are ideal for wakeboard towers, deck mounting and many other self-contained applications.

MX-Series Features

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 saltwater-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.

Moderate power handling

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

Up to eight great looks to choose from!

- MX-Series models are available with Classic or Sport Grille designs, in all-white or black/titanium color schemes.
- Sport grille models also available in a Chrome finish.
- All sport grille models available with integrated blue LED illumination.



MX770-CCX-SG-CLB-B

Model	Description						Grille Options*	Color Options*	Available Blue LED Option for Sport Grilles	Recommended RMS Amplifier Power***	System Efficiency	System Frequency Response	
Marine Cockpit Speaker Systems													
MX650-CCX-	4 ohm, 6.5 in. / 165 mm woofers with grille-mounted 0.75 in. / 19 mm silk dome tweeters. IMPORTANT: These speakers are direct, drop-in replacements for most "marine 6.5-inch" speakers						-CG or -SG	-WH, -TB or -CR	Yes	15 - 100 Watts	89 dB @ 1W/1m	55 Hz - 25 KHz ± 3 dB	
MX770-CCX-	4 ohm, 7.7 in. / 196 mm woofers with grille-mounted 0.75 in. / 19 mm silk dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers.						-CG or -SG	-WH, -TB or -CR	Yes	25 - 150 Watts	90.5 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB	
M650-CCX-	4 ohm, 6.5 in. / 165 mm woofers with grille-mounted 1.0 in. / 25 mm dome tweeters. IMPORTANT: These speakers have a narrower flange and a smaller bolt hole circle than a standard "marine 6.5-inch" speakers.						-CG or -SG	-WH or -TB	No	25 - 150 Watts	89.5 dB @ 1W/1m	55 Hz - 25 KHz ± 3 dB	
M770-CCX-	4 ohm, 7.7 in. / 196 mm woofers with grille-mounted 1.0 in. / 25 mm dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers.						-CG or -SG	-WH or -TB	No	40 - 175 Watts	91.0 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB	
M770-CCS-	4 ohm, 7.7 in. / 196 mm woofers with separate 1.0 in. / 25 mm dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers.						-CG or -SG	-WH or -TB	No	40 - 175 Watts	91.0 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB	
M880-CCX-	4 ohm, 8.8 in. / 224 mm woofers with grille-mounted 1.2 in. / 30 mm dome tweeters. Twice the cone area of a conventional 6.5 in speaker!						-CG or -SG	-WH or -TB	Yes	50 - 250 Watts	90.5 dB @ 1W/1m	38 Hz - 20 KHz ± 3 dB	
Marine Tower Speaker Systems													
M770-TCX-	4 ohm, 7.7 in. / 196 mm woofers with grille-mounted 1.0 in. / 25 mm dome tweeters Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers.						-CG or -SG	-WH or -TB	No	40 - 175 Watts	91.0 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB Measured in 0.5 cu. ft. / 14.2 liters net enclosure	
M770-TCS-	4 ohm, 7.7 in. / 196 mm woofers with separate 1.0 in. / 25 mm dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers.						-CG or -SG	-WH or -TB	No	40 - 175 Watts	91.0 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB Measured in 0.5 cu. ft. / 14.2 liters net enclosure	
Marine Enclosed Speaker Systems													
PS650-VeX-SG-	4 ohm, 6.5 in. / 165 mm woofers with grille-mounted 0.75 in. / 19 mm silk dome tweeters. Mounting hardware sold separately. See chart on pg 30 for options.						-SG	-WGW or -TMB	Yes	60 - 100 Watts	89.5 dB @ 1W/1m	100 Hz - 25 KHz ± 3 dB Measured in its enclosure	
MX770-ETXv3-	4 ohm, 7.7 in. / 196 mm woofers with grille-mounted 0.75 in. / 19 mm silk dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers. Mounting hardware sold separately. See chart on pg 30 for options.						-CG or -SG	-WH or -TB	Yes	25 - 150 Watts	90.5 dB @ 1W/1m	55 Hz - 25 KHz ± 3 dB Measured in its enclosure	
M770-ETXv3-	4 ohm, 7.7 in. / 196 mm woofers with separate 1.0 in. / 25 mm dome tweeters. Oversize 7.7-inch design delivers higher output and better bass response than 6.5-inch marine speakers. Mounting hardware sold separately. See chart on pg 30 for options.						-CG or -SG	-WH or -TB	No	40 - 175 Watts	91.0 dB @ 1W/1m	45 Hz - 25 KHz ± 3 dB Measured in its enclosure	
M880-ETXv3-	4 ohm, 8.8 in. / 224 mm woofers with grille-mounted 1.2 in. / 30 mm dome tweeters. Mounting hardware sold separately. See chart on pg 30 for options.						-CG or -SG	-WH or -TB	Yes	125 - 250 Watts	90.5 dB @ 1W/1m	38 Hz - 20 KHz ± 3 dB Measured in its enclosure	
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													
MX10IB3-	10 in. / 250 mm	5.02 in. / 128 mm	-CG or -SG	-WH, -TB or -CR	0.41 in. / 10.4 mm	4 ohm	55W-175W	175W	Minimum: 1.25 cu. ft. / 35.4 liters Optimum: 2.00 cu. ft. / 56.6 liters or larger		N/A		
M8IB5-	8.0 in. / 200 mm	5.18 in. / 132 mm	-CG or -SG	-WH or -TB	0.53 in. / 13.5 mm	4 ohm	50W-200W	200W	1.50 cu. ft. / 42.5 liters		1.50 cu. ft. / 42.5 liters		
M10W5-	10 in. / 250 mm	5.93 in. / 151 mm	-CG or -SG	-WH or -TB	0.47 in. / 11.9 mm	4 ohm	75W-250W	250W	0.50-1.00 cu. ft. / 14.2-28.3 liters		0.90-1.40 cu. ft. / 25.5-40.0 liters		
M10IB5-	10 in. / 250 mm	5.93 in. / 151 mm	-CG or -SG	-WH or -TB	0.52 in. / 13.2 mm	4 ohm	75W-250W	250W	Minimum: 1.25 cu. ft. / 35.4 liters Optimum: 2.00 cu. ft. / 56.6 liters or larger		N/A		
M12IB6-	12 in. / 300 mm	8.05 in. / 204 mm	-CG or -SG	-WH or -TB	0.73 in. / 18.5 mm	4 ohm	200W-600W	600W	Minimum: 2.0 cu ft / 56.6 liters or larger Optimum: 3.0 cu ft / 70.8 liters		N/A		
Marine Enclosed Subwoofer													
FS110-W5-	10 in. / 250 mm	N/A	-CG -SG	-WH -TB	0.47 in. / 11.9 mm	4 ohm	75W-250W	250W	N/A		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													
M103EWS-	Enclosed 3-Way Weatherproof Subwoofer/Satellite Large format enclosed subwoofer/satellite systems for high-output applications requiring a weatherproof solution. Requires bi-amplification.						-CG	-WH	-L or -R	100 Watts 250 Watts	91.0 dB @ 1W/1m	4 ohms	30 Hz - 25 KHz ± 3 dB

* **Grille & Color Options:** Styles: Classic Grille (-CG) / Sport Grille (-SG) - Colors: White (-WH) / Titanium combination (-TB) - (-CR) **Chrome is available on Sport Grille for MX-Series only.** - VeX™ Colors: White/Gloss White (-WGW); Titanium/Matte Black (-TMB). Refer to illustrated chart on page 29 to see the grille and color options.

** **Recommended RMS Amplifier Power for Subwoofer Drivers:** 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.