JL AUDIO®

Thank you for choosing JL Audio Marine Enclosed Speaker Systems. With proper installation, your new speakers will deliver years of listening pleasure.

We strongly recommend that you have your Enclosed Speaker Systems installed by your authorized JL Audio dealer. The installation professionals employed by your dealer have the necessary tools and experience to properly install this product. If you prefer to perform your own installation, please read this and the instructions included with your Mounting Fixtures (sold separately) completely before beginning the process.

‼ WARNING

Installation of this product requires use of JL Audio® Mounting Fixtures (sold separately). No other method of installation should be attempted. To avoid injury, installation instructions included with the JL Audio®. Mounting Fixtures MUST be followed precisely.

Do not attempt to remove the LEDs from from the speakers. The LEDs are permanently fixed and attempting to remove them will cause damage and this damage will not be covered under warranty.
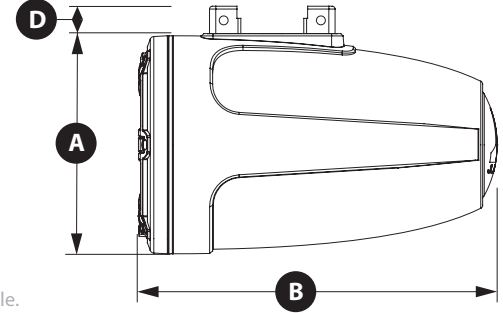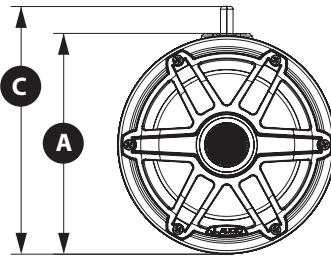
LED EQUIPPED MODELS

Illuminated speaker models are outfitted with multi-color RGB LEDs to produce vibrant accent lighting. Refer to the **Wiring Harness Info** table for individual RGB wire connection info.
Note: Wiring connections at each speaker location are required for LED functionality.

Adjustable control of RGB lighting may be achieved with the use of an RGB lighting controller (sold separately). **Note: When selecting an RGB lighting controller, make sure that the total amperage demands of all LED circuits does not exceed the output capacity of the controller. Refer to the RGB LED Specifications table for the individual current draw amounts and sum (add) the total.** For optimal performance, we recommend using the JL Audio marine lighting controller (MLC-RW).

DIRECT LED WIRING

Alternatively, you may hard wire individual leads or a combination of leads to achieve up to seven different LED color assortments. Refer to the **Direct LED Wiring Info** table for the wire colors used to achieve specific LED colors.

NOTE: Illustration may not be to scale.
M6 Sport Grille Shown.

Physical Specifications	M3-770ETXv3	M6-770ETXv3	M6-880ETXv3
Enclosure Diameter (A)	7.70 in / 196 mm	7.70 in / 196 mm	8.80 in / 224 mm
Enclosure Depth-Classic (B)	12.62 in / 321 mm	12.62 in / 321 mm	14.73 in / 374 mm
Enclosure Depth-Sport (B)	12.69 in / 323 mm	12.67 in / 322 mm	14.80 in / 376 mm
Height including Mounting Fixture Receiver* (C)	8.74 in / 222 mm	8.74 in / 222 mm	9.67 in / 246 mm
Mounting Fixture Receiver / Enclosure Offset (D)	1.04 in / 26 mm	1.04 in / 26 mm	0.87 in / 22 mm

*Mounting Fixtures Required (sold separately)

General Specifications	M3-770ETXv3	M6-770ETXv3	M6-880ETXv3
System Nominal Impedance	4 Ω	4 Ω	4 Ω
System Frequency Response	45 Hz - 25 KHz ± 3 dB	45 Hz - 25 KHz ± 3 dB	38 Hz - 20 KHz ± 3 dB
System Efficiency	90.5 dB @ 1 W / 1 m	91.0 dB @ 1 W / 1 m	90.5 dB @ 1 W / 1 m
Continuous Power Handling (RMS)	70 W	100 W	125 W
Peak Music Power	140 W	200 W	250 W
Recommended RMS Amplifier Power (per Ch.)	20 - 140 W	40 - 200 W	50 - 250 W

Wiring Harness Info

Wire Size	Wire Color	Use
16 AWG	Red/Stripe	Speaker Positive (+)
	Black/Stripe	Speaker Negative (–)
20 AWG	Red	Red RGB LED Negative (–)
	Green	Green RGB LED Negative (–)
	Blue	Blue RGB LED Negative (–)
	Yellow	Main RGB LED Positive (+12V)

Note: Not all wires may be used in normal applications. Refer to the instructions of your RGB lighting controller for specific connection info.

Direct LED Wiring Info

LED Color	Wire Color(s)	Connection
Red	Red	Combine selected wires from all speakers and connect to negative ground or to the negative (–) battery post.
Green	Green	
Blue	Blue	
Yellow	Red and Green	
Pink	Red and Blue	
Aqua	Green and Blue	
White	Red, Green and Blue	

Combine all YELLOW (+12V) leads together (parallel) and connect to a switched +12V supply. See below for additional info.

RGB LED Specifications

Specification	M3-770ETXv3	M6-770ETXv3	M6-880ETXv3
LED Current Draw at 12V DC	108 mA	324 mA	486 mA
Recommended Fuse Value	150 mA	500 mA	750 mA
LED Voltage Range	10 - 14.4V DC		

LED WIRING CONSIDERATIONS

• Do not connect to 24V electrical systems.

• Do not connect the speakers' LED lights to the vessel's navigational lighting circuits.

• For short-circuit protection, we recommend installing a fuse (not included) at EACH speaker's YELLOW (+12V) LED power connection lead. Refer to the **RGB LED Specifications** table for recommended fuse ratings.

• We recommend a minimum of 16AWG wire size for each speaker's LED connection circuits.

• In addition to the above, we recommend activating the speakers' LEDs thru a cabin/interior lighting circuit that supplies +12V via an existing switch. If an existing switched circuit is not available, you may install a dedicated toggle/rocker style switch that will supply positive (+12V) power. Fuse this main +12V connection according to the total amperage demands of all LED circuits. Refer to the **RGB LED Specifications** table for individual current draw amounts and recommended fuse ratings.

INCLUDED PARTS

• Two Aluminum Logo Caps
• One Tube of Silicone Adhesive
• Eight Red Butt Splice Connectors (#22-18 AWG)
• Four Blue Butt Splice Connectors (#16-14 AWG)