

OWNER'S MANUAL

M3-101B

Marine Subwoofer with
Built-In RGB LED Lighting (optional)

*Thank you for choosing a JL Audio Marine Subwoofer.
With proper installation, your new speaker will deliver
years of listening pleasure.*

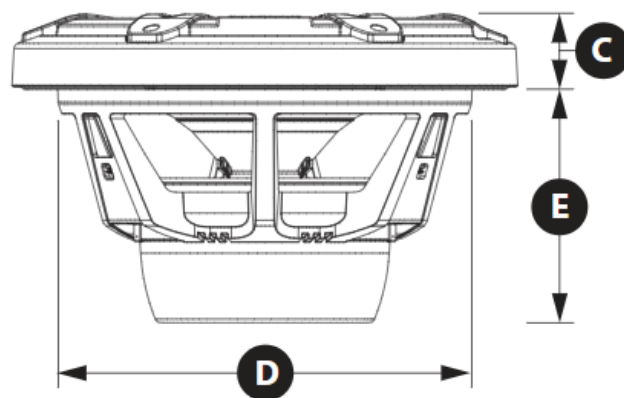
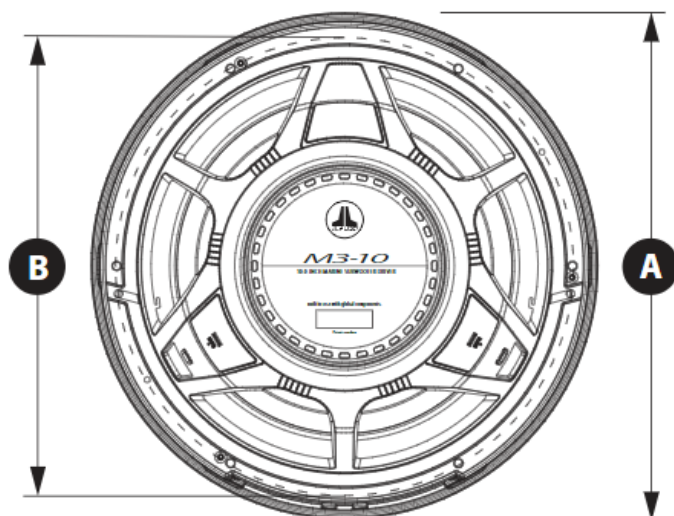
*We strongly recommend that you have your subwoofer
installed by your authorized JL Audio dealer.*

*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 instruction manual completely before
beginning the process.*



PHYSICAL SPECIFICATIONS



Subwoofer Physical Specifications	
Nominal Diameter	10 in / 250 mm
Outer Diameter (A)	10.75 in / 273 mm
Bolt Hole Circle (B)	9.71 in / 247 mm
Frontal Grille Protrusion-Classic* (C)	1.50 in / 38 mm
Frontal Grille Protrusion-Sport* (C)	1.58 in / 40 mm
Mounting Hole Diameter (D)	8.875 in / 225 mm
Mounting Depth (E)	5.00 in / 127 mm
Net Weight	12.60 lbs / 5.70 kg
Driver Displacement	0.52 ft³ / 1.47 litres

* Frontal grille protrusion measured from mounting surface (Sport Grille Pictured)

INCLUDED PARTS

- One Polymer Subwoofer Grille
- Six #8 x 1 1/2-inch (38 mm) Phillips pan-head stainless-steel screws
- Six #8 stainless-steel washers
- Logo Badges
 - One Pair Black (Gunmetal Sport Models Only)
 - One Pair White (White Sport Models Only)

LED Equipped Models

Built-in, RGB LED lighting delivers beautiful accent illumination. LED functionality requires separate wiring at each speaker location. Adjustable control of RGB lighting requires the use of an RGB lighting controller (sold separately). For optimal performance, we recommend using the JL Audio marine lighting controller (MLC-RW).

Subwoofer Parameters	M3-10IB
Free Air Resonance (Fs):	41.84 Hz
Electrical "Q" (Qes):	0.806
Mechanical "Q" (Qms):	11.751
Total Speaker "Q" (Qts):	0.754
Equivalent Compliance (Vas):	1.29 ft³ / 36.53 litres
One-way, Linear Excursion (Xmax)*:	0.42 in / 10.7 mm
Efficiency (1W/1m)**:	87.23 dB SPL
Effective Piston Area (Sd):	50.68 in² / 0.0327 m²
DC Resistance (Re):	3.957 ohm
Nominal Impedance:	4 ohm
Infinite Baffle Use:	Yes (Preferred)
Enclosure Use:	Yes (Sealed Only)
Power Handling (continuous):	175W

* Xmax specifications are derived via one-way voice coil overhang method with no correction factors applied.

** Efficiency (1W/1m) is not an accurate indicator of a subwoofer's output capability and should not be used as a comparison to other subwoofers to determine which one is "louder"!

We recommend the use of this speaker in a bi-amplified system using high-quality satellite speakers and amplifiers. We do not recommend the use of this subwoofer with a passive crossover (coil), as this type of device will adversely affect performance.