

# JL AUDIO® M200

MARINE SPEAKERS AND SUBWOOFERS



## PRODUCT OVERVIEW

The JL Audio M200 marine speakers and subwoofers bring M-series audio to your boat for less, taking your onboard experience to the next level with high-quality sound. The 50- to 60-watt RMS speakers deliver loud, clean sound with less distortion while the 250-watt RMS subwoofer delivers powerful and deep bass. Optional RGB LED lighting enhances your audio experience with a wide spectrum of colors and you can match the look of your vessel with interchangeable grilles with white or gray color options (each sold separately). Built from marine-grade materials and finishes with corrosion-resistant connections and circuit boards to withstand salt and sun, choose from 6.5" or 7.7" speakers and 10" subwoofers.



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## KEY FEATURES

### INCREDIBLE PERFORMANCE

The coaxial marine speakers deliver loud, clean sound with less distortion and 50- to 60-watt RMS power handling. The subwoofers deliver powerful and deep bass with 250-watt RMS power handling and a long-excursion design.



### SILK DOME TWEETER

A bridge-mounted 1" edge-driven silk dome tweeter with neodymium magnet and ferrofluid cooling delivers a smoother and warmer sound for all your cruises.



### CUSTOMIZABLE GRILLE OPTIONS

Match the look of your vessel with white or gray color options along with interchangeable grilles (sold separately).



### MARINE SUBWOOFERS BUILT TO IMPRESS

This 10" subwoofer features an injection-molded polypropylene cone and rubber surround with a marine-grade synthetic spider to keep the cone under control for tight bass response.



### RGB LED LIGHTING

Enhance your audio experience with a wide spectrum of colors. Pair with the Garmin Spectra™ control module (sold separately) for advanced lighting control from your compatible chartplotter or the ActiveCaptain® app.



### SALT AND SUN PROTECTED

Sail to your heart's content knowing that your speakers and subwoofers are built from marine-grade materials and finishes with corrosion-resistant connections and circuit boards to withstand salt and sun.



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## PHYSICAL SPECIFICATIONS

| General Specifications      | SPEAKERS                                                                    |                                                                                                    | SUBWOOFERS |                                                                |
|-----------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------|----------------------------------------------------------------|
|                             | Sizes                                                                       | 6.5" or 7.7"                                                                                       | 10"        |                                                                |
|                             | Color                                                                       | White sport or gray sport                                                                          |            | White sport or gray sport                                      |
|                             | Physical dimensions (diameter x depth)                                      | 6.5" speaker: 6.90" x 4.19" (175 x 106 mm)<br>7.7" speaker: 7.72" x 4.61" (196 x 117 mm)           |            | 10" subwoofer: 10.57" x 5.16" (269 x 131 mm)                   |
|                             | Water and dust rating                                                       | IPX6                                                                                               |            | IPX6                                                           |
|                             | Speaker type                                                                | Coaxial                                                                                            |            | Infinite baffle subwoofer                                      |
|                             | Continuous power handling (RMS)                                             | 6.5" speaker: 50 watts<br>7.7" speaker: 60 watts                                                   |            | 10" subwoofer: 250 watts                                       |
|                             | Sensitivity (SPL @ 1 watt/1 meter)                                          | 6.5" speaker: 87 dB<br>7.7" speaker: 88 dB                                                         |            | 86 dB                                                          |
|                             | Frequency response (+/- 3dB)                                                | 6.5" speaker: 55 Hz–20 kHz<br>7.7" speaker: 45 Hz–20 kHz                                           |            | -                                                              |
|                             | Nominal impedance                                                           | 4 ohms                                                                                             |            | 4 ohms                                                         |
|                             | Recommended amplifier power (RMS)                                           | 6.5" speaker: 30–100 watts per channel<br>7.7" speaker: 40–120 watts per channel                   |            | 10" subwoofer: 250 watts                                       |
|                             | LED lighting                                                                | Yes: RGB (Select Sport models only)                                                                |            | Yes: RGB                                                       |
|                             | LED supply voltage                                                          | 10–14.4 VDC                                                                                        |            | 10–14.4 VDC                                                    |
|                             | LED load current at 14.4 VDC (max.)                                         | 6.5" speaker: 140 mA (Select Sport models only)<br>7.7" speaker: 140 mA                            |            | 10" subwoofer: 220 mA                                          |
|                             | LED load current at 14.4 VDC when using Garmin Spectra™ LED control module* | 6.5" speaker: 0.28 A maximum per speaker<br>7.7" speaker: 0.31 A maximum per speaker               |            | 10" subwoofer: 0.40 A maximum                                  |
|                             | Cone material                                                               | Injection-molded, mica-filled polypropylene                                                        |            | Injection-molded, polypropylene                                |
|                             | Tweeter type                                                                | 1" (25 mm) silk dome                                                                               |            | -                                                              |
|                             | Compass-safe distance                                                       | 6.5" speaker: 73" (185 cm)<br>7.7" speaker: 81" (205 cm)                                           |            | 10" subwoofer: 116" (295 cm)                                   |
|                             | Speaker connection                                                          | Spade connectors<br>Flying lead with waterproof connector 18 AWG wire (Selected sport models only) |            | Spade connectors                                               |
|                             | LED connection                                                              | Flying lead with waterproof connector, 4-Conductor 20 AWG wire (Selected sport models only)        |            | Flying lead with waterproof connector, 4-Conductor 20 AWG wire |
|                             | Warranty                                                                    | 3 years                                                                                            |            | 3 years                                                        |
| Mounting Dimension (cutout) | Mounting hole                                                               | 6.5" speaker: 5.00" - 5.25" (127-133 mm)<br>7.7" speaker: 6.25" (159 mm)                           |            | 10" subwoofer: 8.75" (222 mm)                                  |
|                             | Bolt hole circle                                                            | 6.5" speaker: 6.14" (156 mm)<br>7.7" speaker: 6.92" (176 mm)                                       |            | 10" subwoofer: 9.72" (247 mm)                                  |