

# HMX 8-LD

MARINE COAX RGB LED - **NEW**

# HMX 8-LD-C

MARINE COAX RGB LED BLACK - **NEW**

200 W



HM RGB 1 BK - Optional

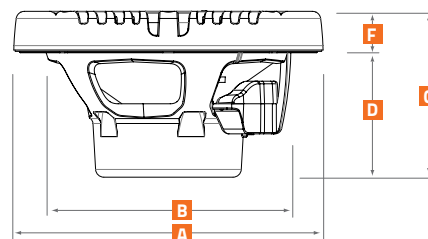
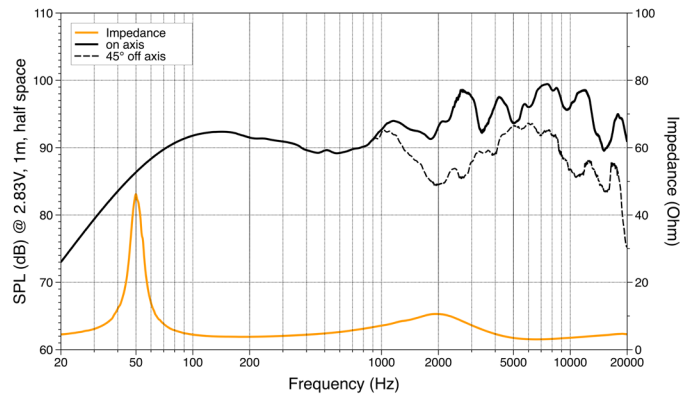
### TECHNICAL SPECIFICATIONS

|                                     |                                  |                                   |
|-------------------------------------|----------------------------------|-----------------------------------|
| <b>Component</b>                    | Two way coaxial                  |                                   |
| <b>Size</b>                         |                                  |                                   |
| Woofer                              | mm (in.)                         | 200 (8)                           |
| Tweeter diaphragm                   | mm (in.)                         | 36 (1.4)                          |
| <b>Voice Coil Ø</b>                 |                                  |                                   |
| Woofer                              | mm (in.)                         | 32 (1.26)                         |
| Tweeter                             | mm (in.)                         | 20 (0.8)                          |
| <b>Power Handling</b>               |                                  |                                   |
|                                     | W peak                           | 200                               |
|                                     | W continuous                     | 100                               |
| <b>Impedance</b>                    | Ω                                | 4                                 |
| <b>Frequency Response</b>           | Hz                               | 45 ÷ 25k                          |
| <b>Woofer Magnet size D x d x h</b> | mm (in.)                         | 90 x 40 x 20 (3.54 x 1.57 x 0.79) |
| <b>Tweeter Magnet size D x h</b>    | mm (in.)                         | 19,7 x 3 (0.78 x 0.12)            |
| <b>Weight of one speaker</b>        | kg (lb.)                         | 1,66 (3.66)                       |
| <b>Woofer Magnet</b>                | High density flux ferrite        |                                   |
| <b>Tweeter Magnet</b>               | Neodymium                        |                                   |
| <b>Cone</b>                         | Polypropylene with UV inhibitors |                                   |
| <b>Dome</b>                         | PEI                              |                                   |
| <b>Xmech</b>                        | mm (in.)                         | ±8,5 (0.33)                       |

### ELECTRO-ACOUSTIC PARAMETERS

|             |      |       |
|-------------|------|-------|
| <b>D</b>    | mm   | 174   |
| <b>Xmax</b> | mm   | 4,5   |
| <b>Re</b>   | Ω    | 3,1   |
| <b>Fs</b>   | Hz   | 50    |
| <b>Le</b>   | mH   | 0,52  |
| <b>Vas</b>  | l    | 29,46 |
| <b>Mms</b>  | g    | 27,3  |
| <b>Cms</b>  | mm/N | 0,37  |
| <b>BL</b>   | T·m  | 6,6   |
| <b>Qts</b>  |      | 0,58  |
| <b>Qes</b>  |      | 0,61  |
| <b>Qms</b>  |      | 11    |
| <b>Spl</b>  | dB   | 91    |

1. Engineered and tested for the real environment of application (UV, salt-fog, vibrations, water spray, thermal shock, dust).
2. 1.4" Neodymium magnet tweeter featuring a PEI material dome combined with faceplate and acoustic lens optimized for best off-axis dispersion and highest SPL.
3. Sound-transparent stainless steel tweeter mesh grille providing efficient high-frequency transfer, attractive look and a rock-solid protection.
4. Long-throw 32 mm (1.26") voice coil woofer fine-tuned for infinite baffle application featuring polypropylene cone injected with UV inhibitors and co-molded Santoprene surround.
5. Aramid fiber spider with silicone-insulated lead wires ensuring durability and constant performance over time.
6. FEM optimized high-excursion mobile equipment driven by a massive magnetic group encapsulated into a marine-grade polymer injected basket.
7. Sealed built-in crossover with resettable solid-state tweeter protection circuit.
8. Gold-plated corrosion resistant terminals.



|          |        |          |
|----------|--------|----------|
| <b>A</b> | 255 mm | 8.86 in. |
| <b>B</b> | 180 mm | 7.09 in. |
| <b>C</b> | 123 mm | 4.84 in. |
| <b>D</b> | 91 mm  | 3.58 in. |
| <b>F</b> | 32 mm  | 1.26 in. |

