

Pioneer

TS-ME650FS 6-1/2" Marine 2 Way Speaker with 250 Watts Max and Sports Grille Design



- 75 Watts Nominal Power
- IPX7 Rated
- Rated ASTM D4329 for UV Exposure
- Mica reinforced IMPP Monocoque Cone
- Detachable Tweeter Allowing for Interchangeable Grilles (White and Black Grilles Included)

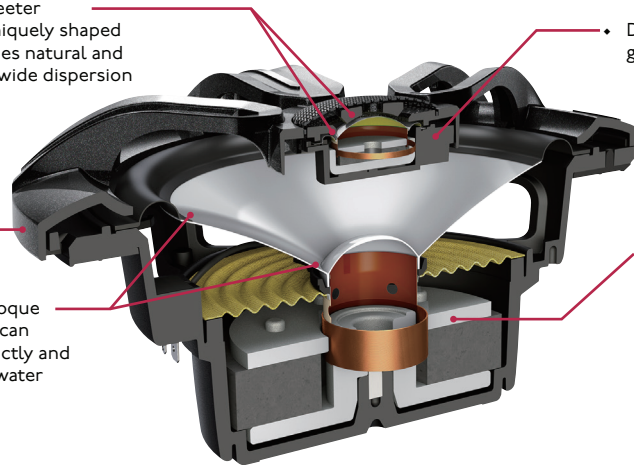


ME-Series Speakers

Pioneer ME-series speakers are protected from the effects of sun and water exposure, meeting both IPX7 and ASTM D4329 certification to achieve all-weather reliability. Mica Reinforced IMPP monocoque cone with butyl rubber surround, constructed using an advanced in-mold bonding technique for superior water resistance while maintaining high quality, powerful sound. The symmetrical motor design with high strength suspension is optimized to provide stability, linearity and clear, low distortion sound reproduction. Lightweight polyimide (PI) tweeter diaphragm and uniquely shaped wave guide provides natural and clear vocals with wide dispersion. The TS-ME650FS comes with two sleek modern grilles, one in black and the other in a white finish that cosmetically integrate seamlessly into marine interiors and cabin designs.

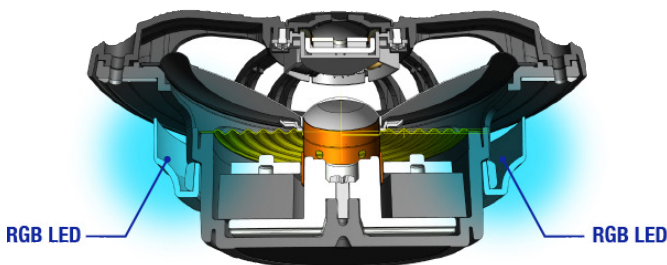
- Lightweight PI tweeter diaphragm and uniquely shaped wave guide provides natural and clear vocals with wide dispersion
- Detachable tweeter allows to interchange grille (White or Black).

- Shallow grille design
- Mica reinforced IMPP monocoque cone is a seamless cone that can transmit sound vibration directly and completely protects against water
- Optimized symmetrical motor design provides linearity and clear, low distortion sound reproduction



Optional UD-ME650LED RGB LED Light Kit

Add illumination to the woofer cone for an enhanced personalization and cosmetic integration with the IPX7-rated UD-ME650LED RGB LED light kit (Sold Separately).



RGB LED KIT

ME-Series Speakers

The Pioneer Marine series now has a variety of choices to meet the open water starting with Pioneer digital receivers, speakers, subwoofers, amplifiers and accessory kits. Visit www.pioneerelectronics.com for more information about our other products we offer to make your water experience delightful.



Pioneer Marine Series Speaker Systems	TS-ME650FC	TS-ME650FS	TS-ME770TC	TS-ME770SB	TS-ME770SW
System Type	2-way Coaxial	2-way Coaxial	Tower speaker with Offset Driver System	Tower speaker with Offset Driver System	Tower speaker with Offset Driver System
Sound Pressure Level (Sensitivity)	88 dB	88 dB	90dB (±1.5dB 1m/1W)	90dB (±1.5dB 1m/1W)	90dB (±1.5dB 1m/1W)
Frequency Range	34 Hz to 23 kHz	34 Hz to 23 kHz	42 Hz to 23 kHz	42 Hz to 23 kHz	42 Hz to 23 kHz
Continuous Power Handling (RMS)	75 Watts	75 Watts	100 Watts	100 Watts	100 Watts
Maximum Peak Power Handling	250 Watts	250 Watts	250 Watts	250 Watts	250 Watts
Nominal Impedance	4Ω	4Ω	4Ω	4Ω	4Ω
Speaker Grille	White Classic Grille	Black Sports Grille, White Sports Grille	White Classic Grille	Sports Black	White Sports
Woofer Cone Diameter	6.5"	6.5"	7.7"	7.7"	7.7"
Woofer Cone Material	Mica reinforced IMPP Monocoque Cone	Mica reinforced IMPP Monocoque Cone	Mica reinforced IMPP Monocoque Cone	Mica reinforced IMPP Monocoque Cone	Mica reinforced IMPP Monocoque Cone
Surround Material	Rubber	Rubber	Rubber	Rubber	Rubber
Woofer Magnet Material	Ferrite	Ferrite	Ferrite	Ferrite	Ferrite
Woofer Magnet Weight	11.28 oz	11.28 oz	17.28 oz	17.28 oz	17.28 oz
Mounting Depth	2-3/8"	2-3/8"	N/A	N/A	N/A
Tweeter / Midrange Type	Dome	Dome	Dome, Horn	Dome	Dome
Woofer / Midrange Crossover Frequency	3.5 kHz	3.5 kHz	25 kHz	25 kHz	25 kHz
CTA-2031 Compliant	Yes	Yes	Yes	Yes	Yes
ASTM D4329	Yes	Yes	Yes	Yes	Yes
Ingress Protection	IPX7	IPX7	IPX7	IPX7	IPX7
RGB LED Lighting	Optional (UD-ME650LED)	Optional (UD-ME650LED)	Built-in	Built-in	Built-in
Optional Mounting Clamps	N/A	N/A	UD-ME30CP (Sold Separately)	UD-ME30CP (Sold Separately)	UD-ME30CP (Sold Separately)
Warranty	1 Year	1 Year	1 Year	1 Year	1 Year

For full specifications and other Pioneer products, visit www.pioneerelectronics.com

⚠ WARNING: Over time, your hearing "comfort level" adapts to higher volumes of sound, so that what sounds "normal" can actually be doing harm. To protect against hearing loss, set your equipment's volume at a low setting, slowly increase it until you can hear it comfortably and clearly, and leave it there. Do not turn up the volume so high that you can't hear what's around you.

This device is rated IPX7 using the Ingress Protection rating system. The device has been tested in a controlled environment and shown to be water resistant in certain circumstances and meets the requirements of the classification IPX7 as described by the international standard IEC 60529 - Degrees of Protection provided by Enclosures [IP Code]. Despite this classification, the device is not resistant to water damage in every situation.

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Note: Specifications, designs, and user interfaces are subject to modification without notice. Product colors and illumination may differ in photographs from actual appearance due to effects of printing and photography.

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