

Portable Speakers

MADRID TMS152

2 Way 15" Full Range Loudspeaker for
Portable PA and Installation Applications



- 2 way full range loudspeaker for portable PA and installation applications
- 800 Watts continuous, 3,200 Watts peak power
- Ideal for FOH, side and drum fill applications
- Carbon fibre loaded 15" low frequency driver with inside/outside wound coil
- Titanium dome 1.4" neodymium motor compression driver
- Switchable passive/bi-amp operation for flexibility of use
- Low distortion waveguide provides 75° H x 50° V dispersion
- 15 mm (5/8") birch plywood enclosure with hard wearing semi matt black paint finish
- Rugged powder coated perforated steel mesh grille
- Dual angle pole mount for accurate audience coverage
- Durable handles for easy lifting and carrying
- Multiple internal rigging points for installation applications
- Neutrik speakON* NL4 connectors for reliable long life operation
- 3-Year Warranty Program*
- Designed and engineered in England

The 2 way full range TMS152 is a switchable passive/bi-amp 15" 3,200 Watt loudspeaker system designed for a wide range of portable speech and music sound reinforcement applications. The TMS152 is designed to work in conjunction with **TURBOSOUND** loudspeaker management systems, providing optimal performance for FOH, side and drum fill applications, as well as offering considerable flexibility to readily adapt to varying venue requirements.



The TMS152 loudspeaker features a carbon fibre loaded 15" low frequency driver with an inside/outside wound low mass voice coil for improved transient response, and a titanium dome 1.4" neodymium motor compression driver mounted on a 75° horizontal by 50° vertical low distortion waveguide. All drivers are matched with an internal passive crossover network in a reflex-loaded enclosure, and bi-amp mode can be enabled by means of a rear panel switch.

Finished in a highly durable semi matt black paint, the cabinet is constructed from 15 mm (5/8") birch plywood, and includes a rugged powder coated perforated steel mesh grille backed with reticulated foam. The TMS152 includes internal M10 threaded rigging points for permanent installation, a dual-angle pole mount socket for high or low height use with 35 mm poles/speaker stands to optimise audience coverage, and durable handles for easy transport. A rear panel connector plate carries two Neutrik speakON* NL4 connectors for input and link connections to additional enclosures.

*All third-party trademarks are the property of their respective owners. Their use neither constitutes a claim of the trademark nor affiliation of the trademark owners with MUSIC Group. Product names are mentioned solely as a reference for compatibility, effects and/or components. Warranty details can be found at music-group.com.

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You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own **MUSIC Group** factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world.

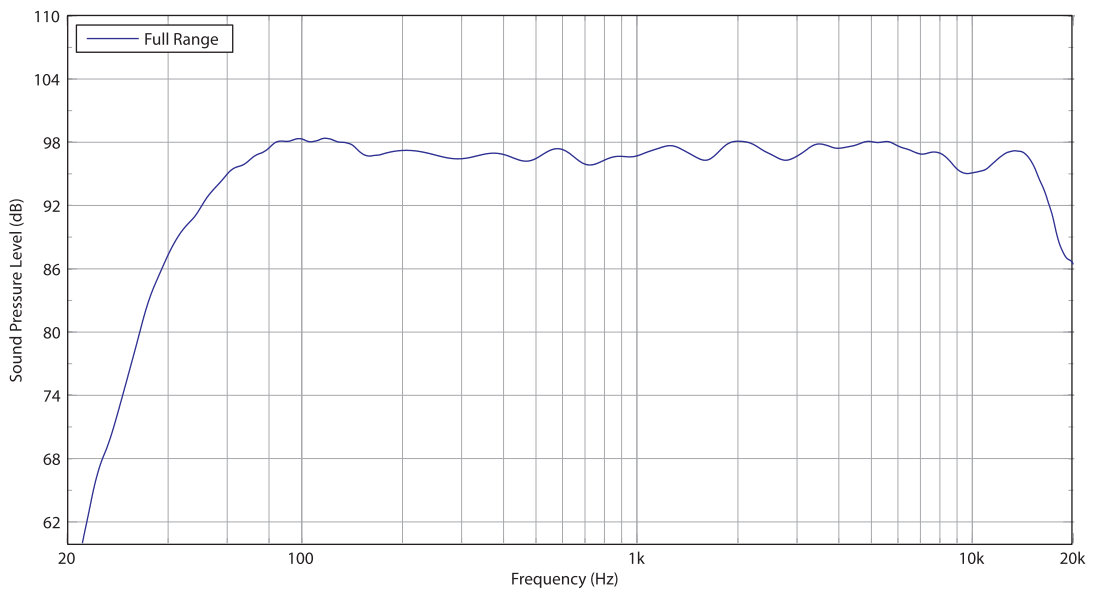
As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous **3-Year Warranty program**.

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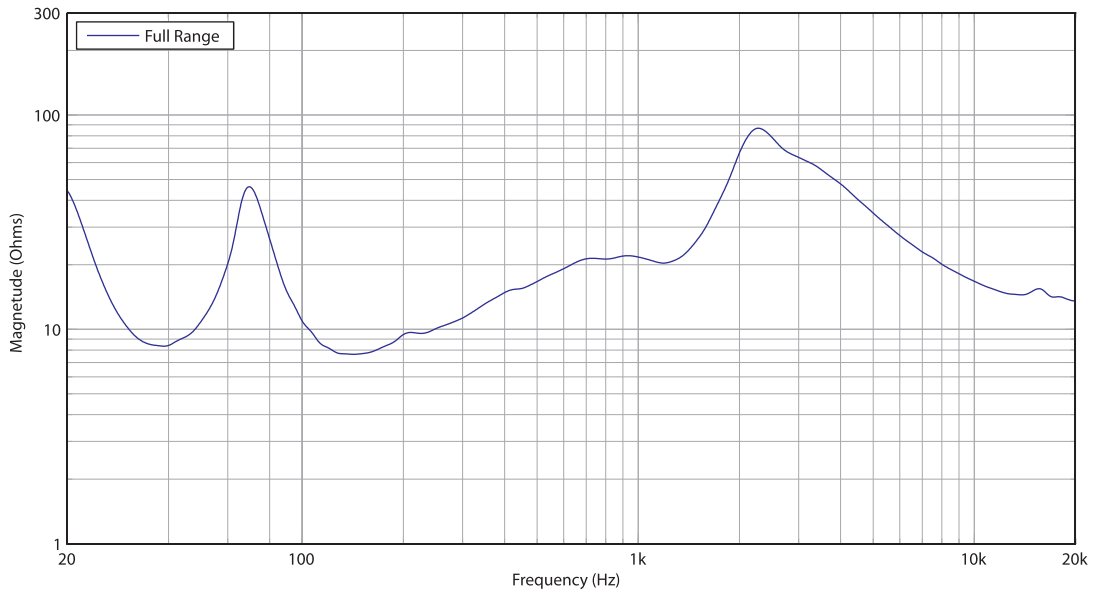
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Frequency Response Sensitivity 1 W / 1 m



Impedance

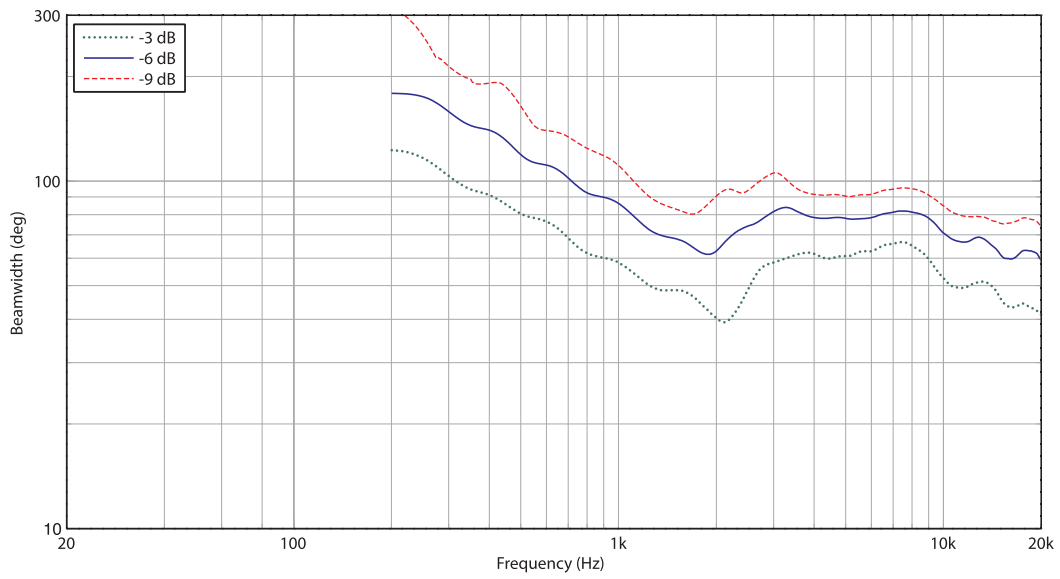


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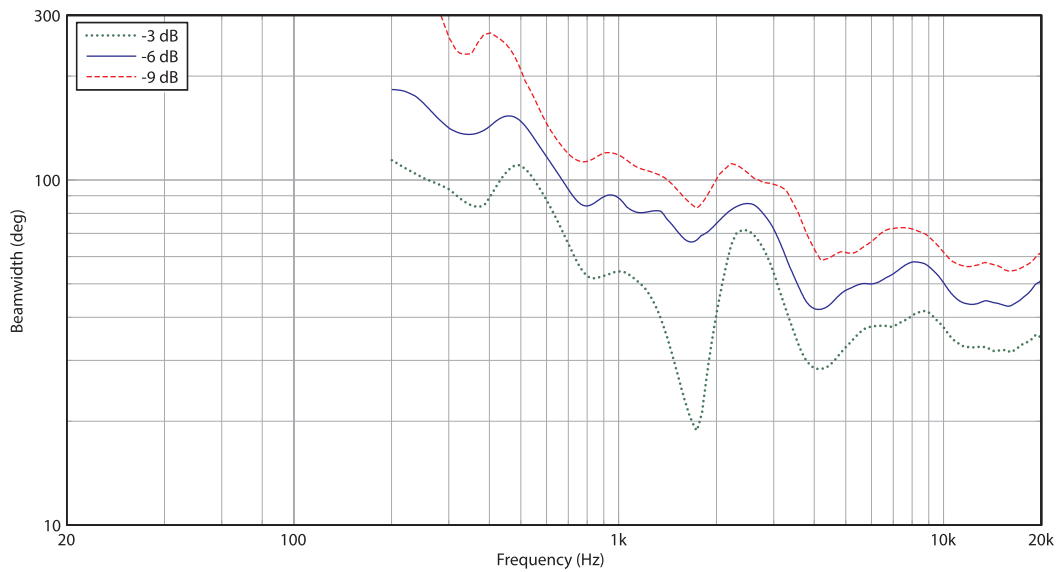
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Horizontal Beamwidth



Vertical Beamwidth

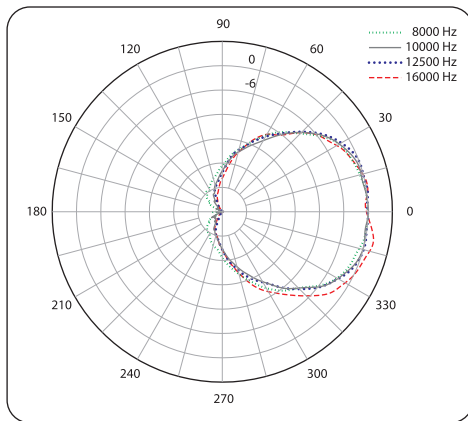
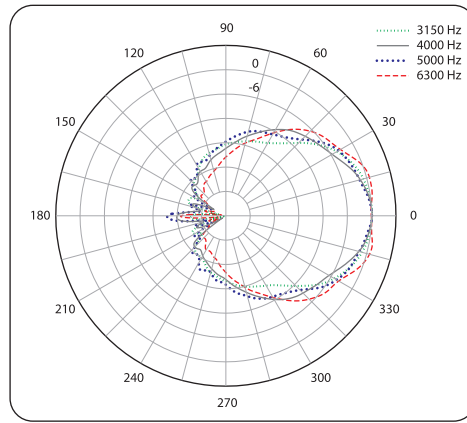
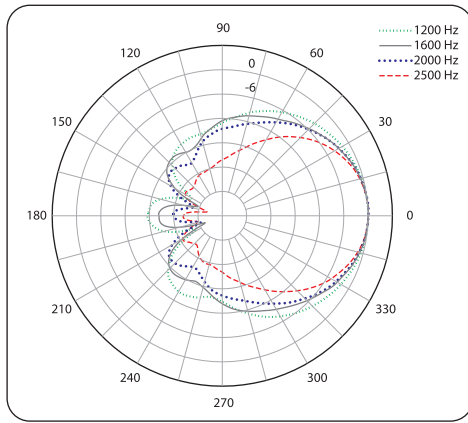
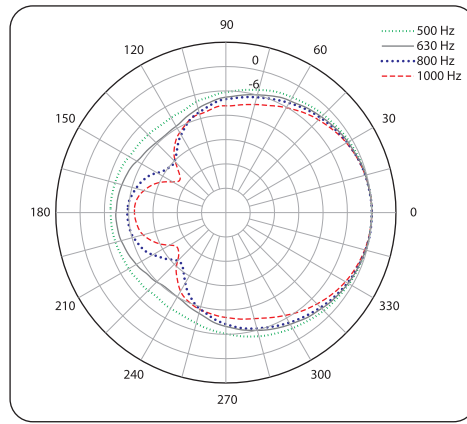
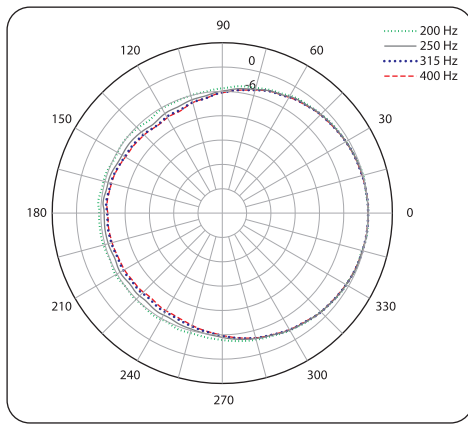


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Horizontal Polar Plots

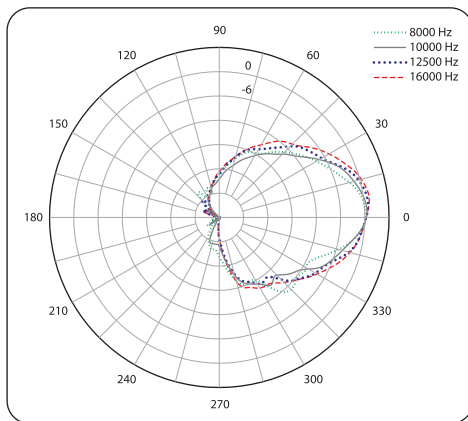
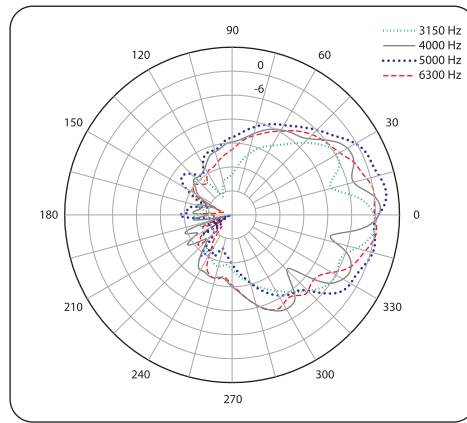
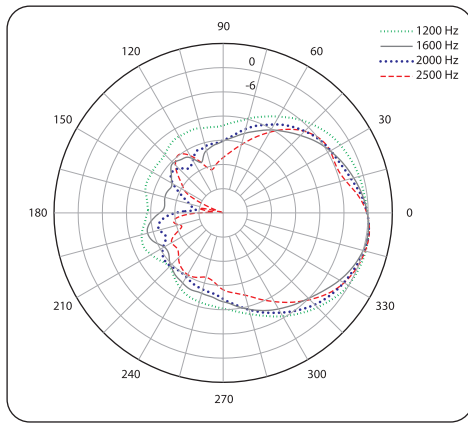
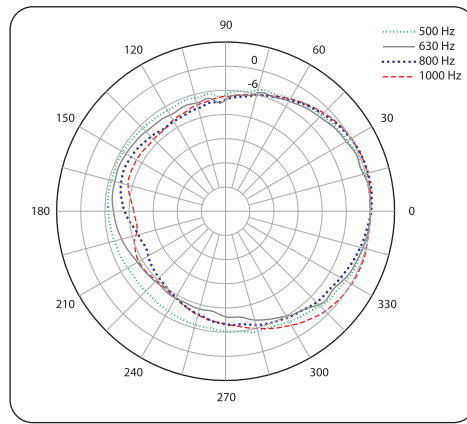
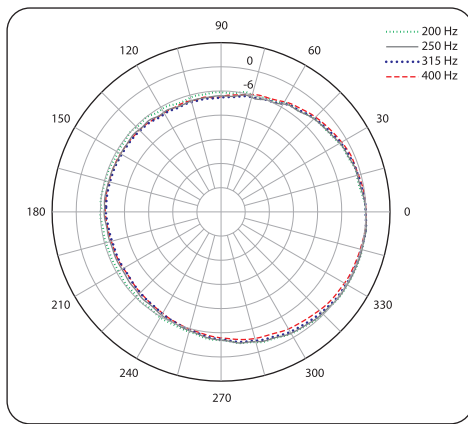


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Vertical Polar Plots

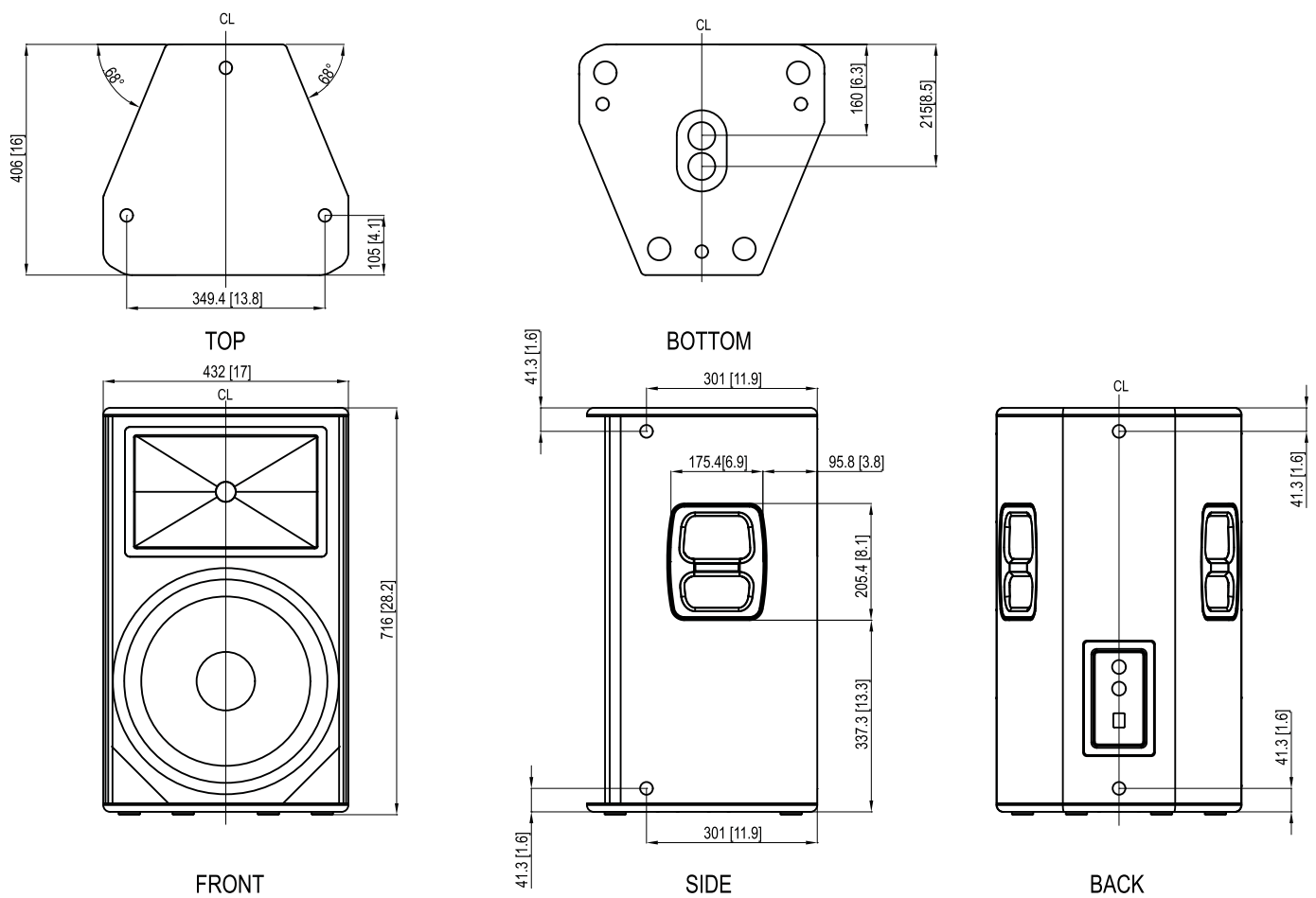


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Dimensions



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Technical Specifications

System

Frequency Response	55 Hz – 20 kHz \pm 3 dB 45 Hz – 20 kHz -10 dB
Nominal Dispersion	75° H X 50° V @ -6 dB Points
Directivity Factor (Q)	12.8
Directivity Index (DI)	11.1
Power Handling (IEC)	
Passive	800 W continuous, 3,200 W peak
Bi-amp	LF: 800 W continuous, 3,200 W peak HF: 75 W continuous, 300 W peak
Sensitivity	97 dB (1 W @ 1 m)
Maximum SPL	
Passive	126 dB continuous, 132 dB peak
Bi-Amp	LF: 126 dB continuous, 132 dB peak HF: 128 dB continuous, 134 dB peak
Impedance	
Passive	8 Ω
Bi-Amp	LF: 8 Ω HF: 6 Ω
Crossover Type	Passive / bi-amp, switchable
Components	1 x 15" (394 mm) LF driver 1 x 1.4" (36 mm) HF compression driver

Enclosure

Connectors	2 x Neutrik speakON* NL4
Wiring	
Passive	Pins 1+ / 1- input, pins 2+ / 2- link
Bi-Amp	Pins 1+ / 1- LF, pins 2+ / 2- HF
Dimensions HWD	716 x 432 x 406 mm (28.2 x 17.0 x 16.0")
Net Weight	27.7 kg (61.0 lbs)
Construction	15 mm (5/8") birch plywood
Finish	Semi matt black paint
Grille	Powder-coated perforated steel
Flying Hardware	M12 x 12 points

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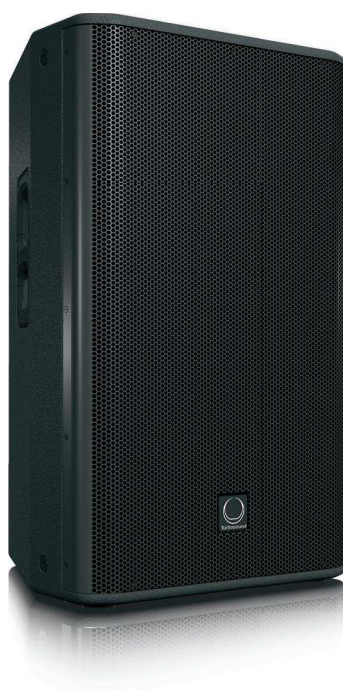
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For service, support or more information contact the TURBOSOUND location nearest you:

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