

### Features

- Neodymium components
- Symmetrical enclosure
- High spec components
- Controlled dispersion
- Pole mount socket
- Speakon connectors

### Applications

- Vocal monitoring
- Horn sections
- Drum fills
- Front of house

## TFM series

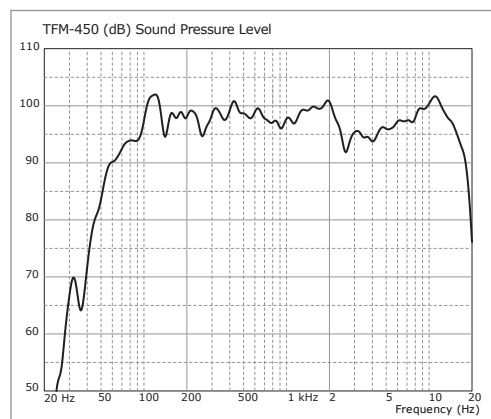
# TFM-450 bi-amped floor monitor



**The TFM-450 is a top of the range professional bi-amped floor monitor consisting of a custom designed 4" voice coil neodymium 15" low frequency driver, and a high power 1.4" diaphragm neodymium HF compression driver on a custom 40° x 60° waveguide in a compact vented enclosure.**

The drive units are mounted side by side on a 37° baffle, producing a small footprint which results in a highly efficient wedge monitor package, ideal for use wherever high SPL and exceptional intelligibility is required. A low box profile is maintained, thereby improving sightlines, by mounting the HF horn alongside, rather than on top of, the low frequency driver. The HF horn pattern is designed to give very even coverage both close to, and standing back from, the monitor while at the same time minimising sound spillage into adjacent microphones. As a result the TFM-450 offers impressive feedback rejection, developing high sound pressure levels without the need for excessive equalisation. The TFM-450 has been designed as a symmetrical mirror-image monitor, allowing multiple units to be used on larger stages with one monitor inverted to form left and right pairs. The included pole mount socket also allows the TFM-420 to be used vertically as a front of house loudspeaker.

Frequency Response

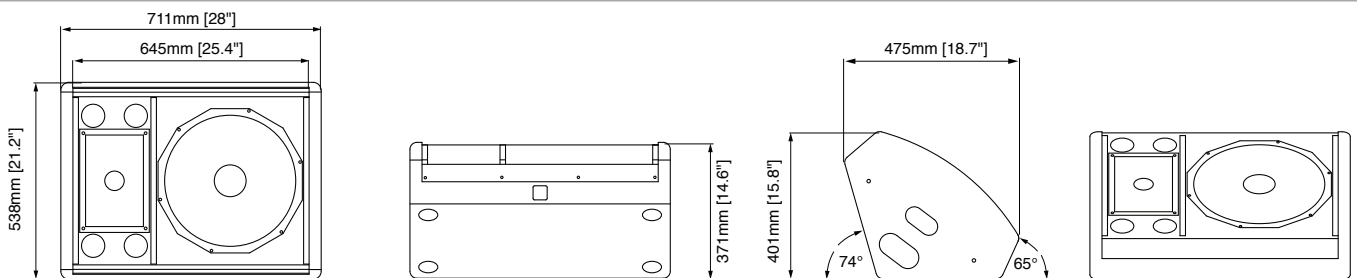


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# TFM-450 bi-amped floor monitor

<b>DIMENSIONS (HxWxD)</b>	401mm x 711mm x 475mm (15.8" x 28" x 18.7")
<b>NET WEIGHT</b>	31.5kg (69.3 lbs)
<b>COMPONENTS</b>	1 x custom 15" (381mm) LF driver, 1 x 1.4" (75mm) diaphragm HF driver on a custom flare
<b>FREQUENCY RESPONSE</b>	60Hz - 16kHz $\pm$ 4dB
<b>NOMINAL DISPERSION</b>	40°H x 60°V @-6db points
<b>POWER HANDLING</b>	LF: 400 watts r.m.s., 800 watts program HF: 100 watts r.m.s., 200 watts program Recommended amplifier power: LF: 800 watts @ 8 ohms; HF: 200 watts @ 8ohms
<b>SENSITIVITY</b>	LF: 99dB; HF: 103dB, 1 watt @ 1 metre
<b>MAXIMUM SPL</b>	130dB continuous, 136dB peak
<b>CROSSOVER</b>	Active only: recommended point 1k3HZ, 24dB/octave slope, Linkwitz Riley
<b>IMPEDANCE</b>	LF: 8 ohms; HF: 8 ohms
<b>CONSTRUCTION</b>	18mm (3/4") birch plywood, rebated, screwed and glued. Finished in black semi-matt textured paint. Two recessed carrying handles
<b>GRILLE</b>	Black powder coated perforated steel
<b>CONNECTORS</b>	(2) Speakon NL4MP wired: pin 1+: LF positive, pin1-: LF negative, pin2+: HF positive, pin 2-: HF negative
<b>SPARES AND ACCESSORIES</b>	LS-1513 15" (381mm) LF loudspeaker RC-1513 Recone kit for LS-1513 CD-214 1.4" (35mm) diaphragm HF compression driver RD-214 Replacement diaphragm MG-450 Replacement grille
<b>MORE INFO</b>	More information can be found on our website: <a href="http://www.turbosound.com">www.turbosound.com</a>



## Limited Warranty

Every Turbosound loudspeaker product is warranted to the original end-user purchaser and all subsequent owners for a period of two (2) years for loudspeaker products, or one (1) year for electronics products, from the original date of purchase. Warranty coverage includes defects in materials and workmanship. It does not include:

- damage caused by accident, misuse, abuse, neglect or modification by any other person other than an authorised Turbosound representative,
- damage caused by overdriving, use with unsuitable amplifiers or amplifier failure,
- damage caused by failure to operate the product in accordance with the instructions contained in the user's manual,
- damage occurring during shipment in transit,
- claims based upon any misrepresentations by the seller,
- products which do not have the original components as specified in the product engineering information,
- products on which the serial number has been removed or defaced.

Should any fault develop with a component of your Turbosound system, please return the product, freight pre-paid, in its original packing carton, along with proof of purchase such as the original bill of sale, and a description of the suspected fault, to your local authorised Turbosound representative. The product serial number must be quoted in all correspondence relating to the claim. Insurance is recommended as Turbosound or its representatives are not liable for loss or damage in transit.