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TCS-1561 3-way loudspeaker



Features

- Rotatable HF pattern
- Double trapezoidal shape
- Multiple rigging points
- Switchable bi-amp/tri-amp
- IP54 weather resistance option
- Custom colour option

Applications

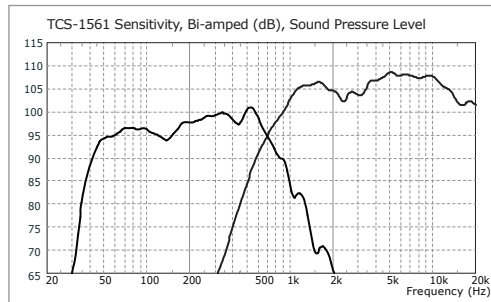
- Pubs, clubs and bars
- Music venues
- Houses of worship
- Stadia and arenas
- Public address
- Voice alarm

The TCS-1561 is a switchable bi-amp/tri-amp three-way loudspeaker consisting of a 15" reflex-loaded low frequency driver, a 6.5" mid-frequency driver and a 1" high frequency compression driver in an optimally tuned enclosure.

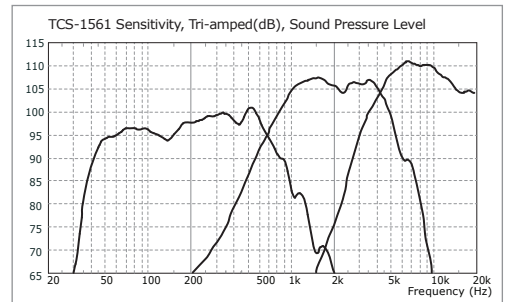
The high frequency and mid frequency components are matched with an internal passive crossover, which can be by-passed for fully tri-amp operation. The mid/high section is rotatable within the enclosure. The cabinet is constructed from 15mm (5/8") birch plywood with a powder-coated perforated steel mesh grille backed with reticulated foam. Its double trapezoidal shape allows it to be arrayed with other TCS series enclosures. Multiple rigging points, supported by internal steel flying strips, are provided on the top, bottom, sides and rear of the cabinet to enable it to be suspended and angled in permanent installations using M10 shoulder eyebolts. Two Speakon NL8 speaker connectors are located on the rear panel, providing input and link connections to additional TCS series cabinets.

TCS series

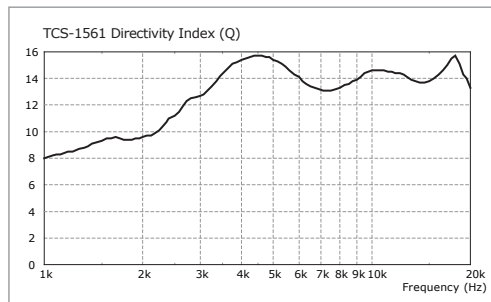
Frequency Response



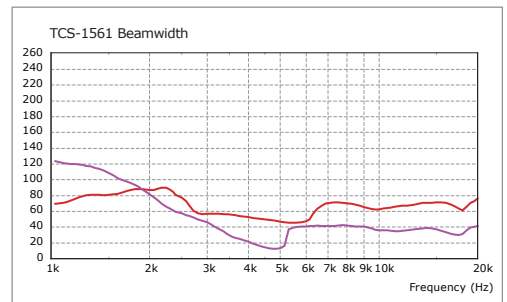
Frequency Response



Directivity



Beamwidth



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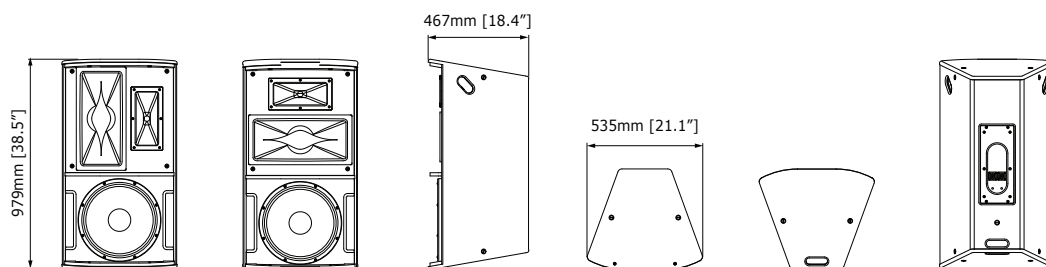
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TCS-1561 3-way loudspeaker

DIMENSIONS (HxWxD)	979mm x 535mm x 467mm (38.5" x 21.1" x 18.4")																
NET WEIGHT	52kg (114.4lbs)																
COMPONENTS	1 x 15" (381mm) LF driver, 1 x 6.5" (165mm) MF driver, 1 x 1" (25mm) driver																
FREQUENCY RESPONSE	50Hz - 20kHz \pm 3dB; 40Hz - 20kHz \pm 10dB																
DISPERSION	70°H x 40°V @ -6dB points																
POWER HANDLING	HF: 50 watts rms, 100 watts program; MF: 100 watts rms, 200 watts program; LF: 500 watts rms, 1000 watts program; Bi-amp HF/MF: 100 watts rms, 200 watts program, LF 500 watts rms, 1000 watts program																
SENSITIVITY	HF: 108dB, MF: 105dB, LF: 97dB 1w @ 1 metre; Bi-amp: MF/HF: 105dB, 1 w @ 1 metre																
MAXIMUM SPL	HF: 125dB cont, 131dB peak; MF: 125dB cont, 131dB peak, LF: 124dB cont, 130dB peak; Bi-amp MF/HF: 128dB cont, 134dB peak; Addition: 130dB cont, 136dB peak																
CROSSOVER	Internal passive network at 5kHz																
NOMINAL IMPEDANCE	HF: 16 ohms, MF: 16 ohms, LF: 8 ohms; Bi-amp MF/HF: 12 ohms																
CONSTRUCTION	15mm (5/8") birch plywood, finished in black semi-matt textured paint																
GRILLE	Powder-coated perforated steel with foam backing																
CONNECTORS	(2) Speakon NL8MP, wired pin 1+ and pin 1-: link; pin2+: LF positive, pin2-: LF negative; pin3+: MF positive, pin3-: MF negative (MF/HF passive); HF positive, pin4-: HF negative																
RIGGING	(9) M10 internal rigging points with internal steel strips for M10 eyebolts																
OPTIONS	White and custom colours; IP54 weather resistance; Stainless steel grill; black or white weatherproof paint finish; captive cable with cable gland																
SPARES AND ACCESSORIES	<table border="0"> <tr> <td>LS-1529</td> <td>15" (381mm) LF loudspeaker</td> </tr> <tr> <td>RC-1529</td> <td>Recone kit</td> </tr> <tr> <td>LS-6505</td> <td>6.5" (165mm) MF driver</td> </tr> <tr> <td>RC-6505</td> <td>Recone kit</td> </tr> <tr> <td>CD-115</td> <td>1" (25mm) HF compression driver</td> </tr> <tr> <td>RD-115</td> <td>Replacement diaphragm</td> </tr> <tr> <td>PX-TCS1561</td> <td>Passive crossover</td> </tr> <tr> <td>EB-10/40</td> <td>M10 x 40mm eyebolt</td> </tr> </table>	LS-1529	15" (381mm) LF loudspeaker	RC-1529	Recone kit	LS-6505	6.5" (165mm) MF driver	RC-6505	Recone kit	CD-115	1" (25mm) HF compression driver	RD-115	Replacement diaphragm	PX-TCS1561	Passive crossover	EB-10/40	M10 x 40mm eyebolt
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MORE INFO	More information can be found on our website: www.turbosound.com																



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.