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# TCS-1061/100 modular 3-way line array

## Features

- Line array element
- 100° horizontal dispersion
- Ultra-low distortion
- 135dB max output
- Trapezoidal enclosure
- Bi-amp or tri-amp operation
- Neodymium drive units

## Applications

- House of worship
- Theatre
- Live music venues
- Dance clubs

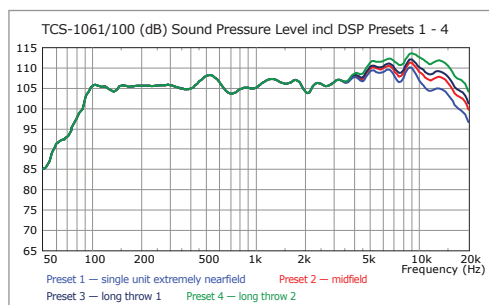


**The TCS-1061/100 is a high performance modular trapezoidal three-way loudspeaker system consisting of a 1" high frequency compression driver on a Dendritic horn, a 6.5" high-mid frequency driver on a patented Polyhorn™ device, and two Turbo-loaded 10" low-mid frequency drivers.**

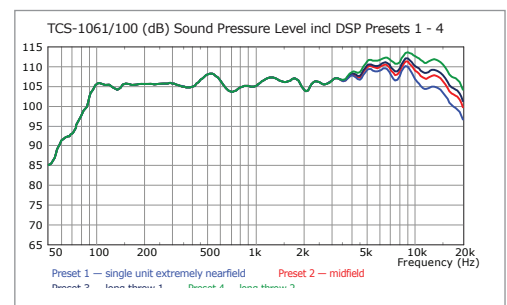
It combines a Dendritic HF device and a midrange Polyhorn™ in a physically aligned, equal path length waveguide with 100° of horizontal dispersion, ensuring a phase-coherent wavefront at the horn mouth. The compact trapezoidal enclosure contains a 1" high frequency compression driver on a Dendritic horn, a 6.5" high-mid frequency driver on a patented Polyhorn™ device, and two Turbo-loaded 10" low-mid frequency drivers. The TCS-1061/100 is a switchable tri-amp / bi-amp enclosure (shipped as standard in tri-amp mode) and includes a passive crossover network between the MF and HF drive units which can be bypassed via an internal jumper located inside the low/mid driver access door. Neodymium drive units are used throughout in order to achieve the cabinet's low net weight. A recessed panel at the rear of the cabinet carries two parallel-linked Speakon NL8 connectors for input and loop-through connections. An external flying system allows the assembly of unobtrusive loudspeaker arrays in fixed installations with a wide range of coverage possibilities. Front and rear flying strips are supplied with each loudspeaker.

## Contracting Line Array

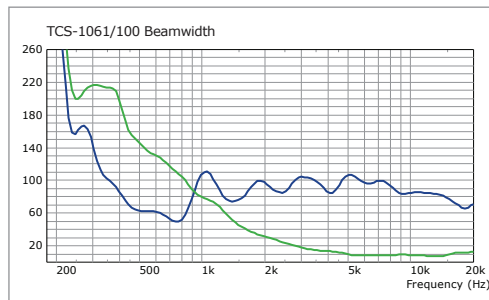
Frequency Response



Directivity



Beamwidth

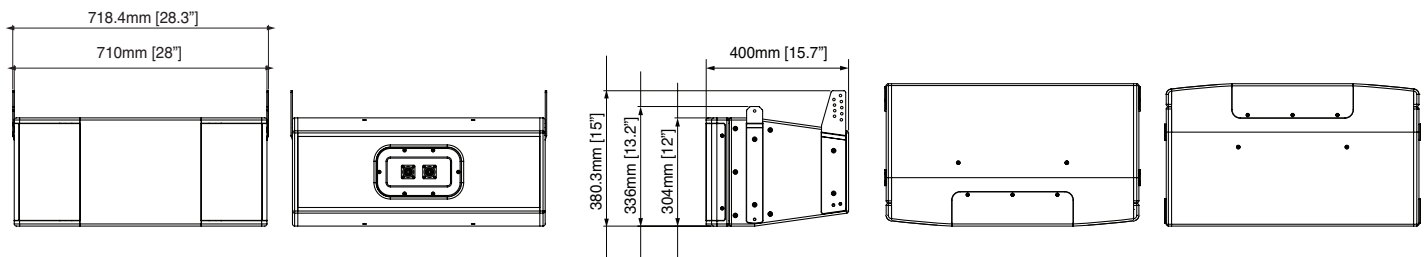


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# TCS-1061/100 modular 3-way line array

<b>DIMENSIONS (HxWxD)</b>	710mm x 304mm x 400mm (28" x 12" x 15.7")
<b>NET WEIGHT</b>	34kg (74.8lbs)
<b>COMPONENTS</b>	2 x custom 10" (254mm) LMF driver, 1 x custom 6.5" (165mm) HMF driver on a midrange Polyhorn™, 1 x custom HF driver on a high frequency Dendritic device
<b>FREQUENCY RESPONSE</b>	90Hz - 18kHz ±3dB, 80Hz - 20kHz ±10dB
<b>NOMINAL DISPERSION</b>	100°H x 16°V @-6db points
<b>POWER HANDLING</b>	LMF: 600 watts r.m.s., 1200 watts program HMF: 120 watts r.m.s., 240 watts program HF: 60 watts r.m.s., 120 watts program
<b>SENSITIVITY</b>	LMF: 96dB; HMF: 107dB; HF: 103dB measured full space
<b>MAXIMUM SPL</b>	129dB continuous (calculated SPL addition), 135dB peak
<b>NOMINAL IMPEDANCE</b>	LMF: 8 ohms; HMF: 8 ohms; HF: 8 ohms; high-mid/high passive: 12 ohms
<b>CROSSOVER POINTS</b>	Tri-amp mode: 90Hz, 600Hz, 6kHz Active; Bi-amp mode: 90Hz, 600Hz Active, 6kHz Passive
<b>CONSTRUCTION</b>	15mm (5/8") birch plywood throughout, finished in black semi-matt textured paint
<b>GRILLE</b>	Powder coated perforated steel with reticulated foam backing
<b>CONNECTORS</b>	(2) Speakon NL8 wired: pin1+ and 1- link to NL4; pin 2+: LF positive; pin2-: LF negative; pin 3+: MF positive, pin 3-: MF negative, pin 4+: HF positive, pin 4- HF negative
<b>OPTIONS</b>	White textured paint
<b>SPARES AND ACCESSORIES</b>	MG-1061 Replacement metal grille LS-1025 10" (254mm) LMF loudspeaker RC-1025 Recone kit LS-6507 6.5" (165mm) HMF loudspeaker CD-117 HF driver RD-117 Replacement diaphragm
<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.