

# DUAL CONCENTRIC™ CONTRACTOR LOUDSPEAKER



Featuring a high power 200mm (8") Dual Concentric™ drive unit with Tannoy's unique point source technology, the Tannoy V8 provides a compact solution for high quality music and speech reproduction. Installation, in even the smallest of venues, is made simpler due to the 90° conical dispersion of the Dual Concentric™ which allows either vertical or horizontal mounting without affecting sound quality.

The Tannoy V8 has a rugged multiple-ply hardwood cabinet in an asymmetric profile allowing installation in a variety of configurations via the Secur-ET mounting hardware. Flying the

Tannoy V8 is made easier with integral M10 inserts and optional eye-bolts, and for free-standing use, an optional stand mount can be fitted after removing a blanking plate in the base.

The Tannoy V8 has been designed for use with the Tannoy TX1 controller, which will equalise the system for optimum performance as well as providing a 2-way crossover function, operating at 100Hz, for use with separate sub-bass systems.



**LOUDSPEAKERS**





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## TECHNICAL SPECIFICATIONS

Frequency Response: (1) (with TX1/TDX2 controller) -10dB point -10dB point (with TX1/TDX2)	85Hz–22kHz (+/-3dB) 65Hz–25kHz (+/-3dB) 51Hz 48Hz
Recommended Amplifier Power:	100 – 260 watt / 8 ohm
Power Handling: (2)	Average: 130 watt Programme: 260 watt Peak (10ms): 520 watt
Sensitivity 2.83v @ 1m: (3)	92dB (Anechoic) 95dB (Half-Space)
Maximum SPL @ 1m:	Anechoic: Average 113 dB – Peak 119dB Half space: Average 116dB – Peak 122dB
Impedance:	Nominal: 8 ohm
Dispersion (-6dB):	90 degrees conical
Driver Complement:	1 x 200mm (8") Constant Directivity Dual Concentric™
Crossover:	Passive: 1.7kHz
Enclosure:	17 litre vented 15mm birch plywood, 15mm MDF Baffle fitted with a perforated black steel grille covered with foam. Finished in textured black paint
Connectors:	2 x Speakon NL4MP, IN / OUT
Rigging/Fittings:	Recessed rear mounted carrying handle, blanking plate allows installation of a 35mm pole mounting socket, 4 x M10 flying mounting inserts, 2 x M10 yoke bracket inserts, 4 x M6 bracket inserts (compatible with Omnimount™ 75 & 30.0)
Dimensions (HxWxD):	388mm x 280mm x 275mm (15 1/4" x 11" x 10 7/8")
Weight:	8.2 kg (18 lbs)

A full range of measurements, performance data, and EASE™ data can be downloaded from [www.tannoy.com](http://www.tannoy.com)

The Tannoy V8 replaces the previous models i8 and T8

- (1) Average over stated bandwidth. Measured at 1m on axis in half space  
(2) Long term power handling capacity as defined in EIA standard RS-426A  
(3) Unweighted pink noise input, measured at 1m

## ARCHITECTURAL SPECIFICATIONS

### V8 – 200mm (8") Dual Concentric™ Transportable/Installation Loudspeaker

90° Conical Dispersion  
Birch Plywood Cabinet  
Integral handle

Available in textured Black or White Paint

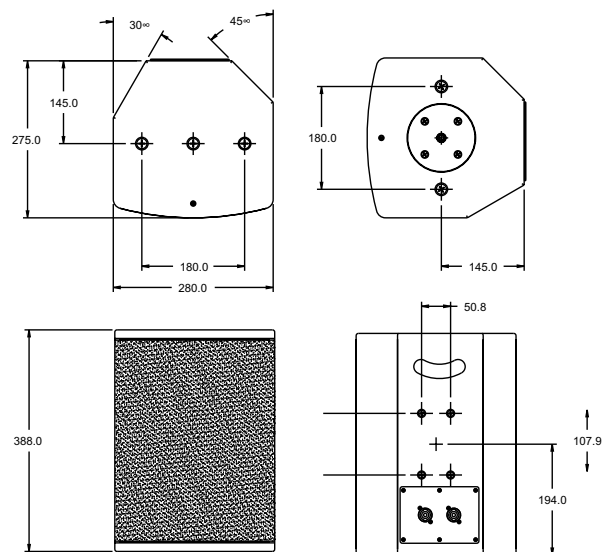
The loudspeaker system shall consist of an 200mm (8") full range, single point source Dual Concentric™ transducer. The low and high frequency elements shall be combined by an internal passive crossover network operating at 1.7kHz, with 4th order high pass, 2nd order low pass with dynamic HF protection.

Performance of the loudspeaker, without any electronic control shall meet or exceed the following criteria: Frequency response measured at 1 metre on axis with swept sine wave shall be 85Hz to 22kHz (±3dB). Sensitivity shall be at least 92dB (Anechoic) for 1 watt at 1 metre, and shall be capable of producing a peak output level of 119dB (Anechoic) on axis at 1 metre

The dispersion of the loudspeaker shall be 90° conical (-6dB). The system shall have a nominal impedance of 8Ω, maximum power handling shall be 260 watts (programme).

The enclosure shall be an optimally tuned (17 litre), vented enclosure of birch plywood construction. The enclosure shall be fitted with an integral carrying handle and integral M10 mounting points for flying hardware. The enclosure shall not exceed the following dimensions: 388mm x 290mm x 275mm or 15 1/4" x 11" x 10 7/8" (HxWxD).

### The loudspeaker system shall be the Tannoy V8



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