

TANNOY®



V SERIES
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V6

The V6 is a premium quality installation loudspeaker featuring a high power handling 150mm (6") version of Tannoy's exclusive point source, constant directivity Dual Concentric™ drive unit technology.

A reinforced paper cone LF, with twin roll cambric surround, and 25mm (1") titanium domed, neodymium magnet system HF ensures high power output with high sensitivity. With the HF mounted in the throat of the LF driver these two sources are coincidentally aligned into a single point source, a configuration exclusive to the Dual, delivering a smooth and uniform frequency response over a wide area. The CAD designed Tulip WaveGuide™ combines 90° conical dispersion and excellent acoustic impedance characteristics.

Providing a compact solution for high quality music and speech reproduction in smaller venues, this versatile loudspeaker also has, due to effective acoustic matching to the other V Series models, a wide range of applications in more space-restricted areas within larger installations. The conical coverage pattern makes the V6 an ideal low profile stage monitor; this by allowing the performer greater freedom of movement than allowed by conventional horn loaded designs.

Speaker placement flexibility is enhanced by the 90° conical dispersion characteristics of the Dual driver; allowing either vertical or horizontal mounting without any compromise to sound quality or acoustic performance. The asymmetric design of the multi layer birch ply cabinet and the custom designed Secur-ET™ mounting hardware, designed specifically for use with the V Series, allow installation in a wide range of configurations.

Although designed to perform without any external controller, the addition of the Tannoy TX1 will further enhance performance by equalising the system to improve bass performance, this as well as providing a 2-way crossover function for use with separate bass systems. Available in black or white, the V6 has a range of colour matched Secur-ET™ hardware options to allow yoke, wall mount, ceiling saddle or cluster bar arrangements of 2, 3 or 4 units.



FRONT DETAIL



CABINET DETAIL



MOUNTING HARDWARE



CONNECTOR PLATE



V SERIES

V6

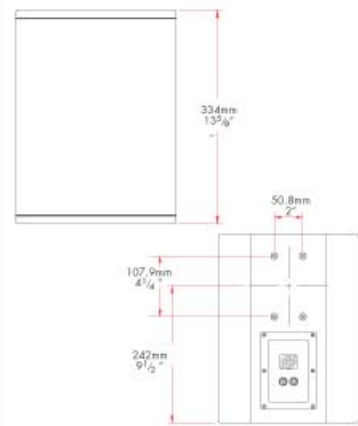
SYSTEM

System Type	Full Range - Vented	
Frequency Response (1)	+/- 3dB -10dB	90Hz - 22kHz 75Hz
Recommended Amplifier Power	100 - 200 Watt / 8Ω	
Power Handling (2)	Average Programme Peak	100 Watt 200 Watt 400 Watt
Sensitivity 2.83 Volts @ 1 metre (3)	Anechoic Half Space	90dB 93dB
Maximum SPL	Average Peak	110dB 116dB
Impedance	8Ω	
Dispersion (-6dB)	See Beamwidth Plot	90° Conical
Driver Complement	1 x 150mm (6") Dual Concentric™	
Crossover	Passive 1.6kHz	

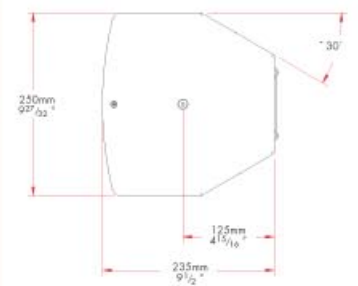
CONSTRUCTION

Enclosure	11.3 litre vented, 12mm (1/2") MDF cabinet with perforated black steel grille covered with foam
Finish	Textured black or white paint
Connectors	1 x Neutrik™ Speakon (NL4MP) 2 x 4mm binding posts
Fittings	4 x M6 bracket inserts 2 x M6 yoke bracket inserts
Dimensions	337 x 252 x 240mm (13 1/4 x 10 x 9 7/16")
Weight (each)	6.5kg (14lbs 4oz)
Shipping	Quantity 2 Weight 14.5kg (32lbs) Pack Dimensions 530 x 300 x 405mm (20 7/8 x 11 13/16 x 15 15/16")

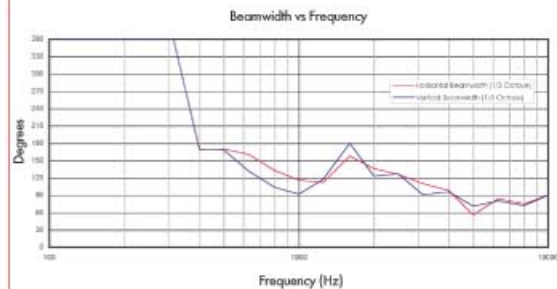
FRONT & REAR ELEVATION



TOP & BOTTOM ELEVATION



BEAMWIDTH PLOT



NOTES: (1) Average over stated bandwidth. Measured at 1 metre on axis. (2) Long term power handling capacity as defined in EIA standard RS - 426A. (3) Unweighted pink noise input, measured at 1 metre in an anechoic chamber.

A full range of measurements, performance data, and Ease™ Data can be downloaded from www.tannoy.com

Tannoy operates a policy of continuous research and development. The introduction of new materials or manufacturing methods will always equal or exceed the published specifications, which Tannoy reserves the right to alter without prior notice. Please verify the latest specifications when dealing with critical applications.

V6

APPLICATIONS

- High quality public address
- Background music in clubs & bars
- Theatre delay/infill
- Theme parks and leisure venues
- Audio visual
- Houses of worship

FEATURES

- 150mm (6") point source Dual Concentric™ driver
- 90° controlled conical dispersion for optimum coverage and forward gain
- Compact, versatile enclosure with convenient aspect ratio
- High power handling
- High efficiency and low distortion
- Secure-ET™ mounting hardware options
- Five year loudspeaker warranty

ARCHITECTURAL SPECIFICATIONS

The loudspeaker shall consist of a 150mm (6") full range, single point source Dual Concentric™ transducer. The low and the high frequency elements shall be combined by an internal passive crossover network operating at 1.6kHz, with 3rd 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 sweep sine wave shall be 90Hz - 22kHz (+/-3dB). Sensitivity shall be at least 90dB (anechoic) for 2.83 Volts @ 1 metre and shall be capable of producing a peak output level of 116dB (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 200 Watts (programme). The enclosure shall be an optimally tuned (11.3 litre), vented cabinet of birch plywood construction. The enclosure shall be fitted with integral M6 mounting points for flying hardware. The enclosure shall not exceed the following dimensions: 337 x 252 x 240mm or 13 1/4 x 10 x 9 7/16" (H x W x D).

The loudspeaker shall be the Tannoy ...V6.

TANNOY®

DUAL™
CONCENTRIC

HDSR™
HIGH DEFINITION SOUND REINFORCEMENT

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