

TANNOY®

MULTI PURPOSE
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i6 MP

The Tannoy i6 MP is an active premium quality Multi Purpose installation loudspeaker based around a 165mm (6.5") point source, constant directivity Dual Concentric™ transducer. Powered by two 70 Watt amplifiers, the i6 MP consistently delivers a powerful performance in a wide range of applications.

The i6 MP, utilising the same drive unit used in Tannoy's studio monitors, incorporates the latest generation design features including a plastic cone and rubber surround for additional weatherproofing, a dual magnet assembly, and HF Tulip WaveGuide™. The high frequency (HF) and low frequency (LF) sources are coincidentally aligned to a point source. The result is a smooth, uniform frequency response over a wide coverage area, unachievable with discrete, two-way designs in the vertical plane where massive cancellations appear off axis at the crossover frequency. The 90° conical dispersion of the Dual Concentric™ allows either vertical or horizontal mounting without compromising sound quality.

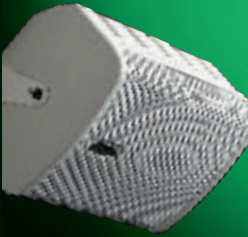
The optimally tuned, rigid enclosure maximises bass response and tonal balance. Controls on the amplifier allow the frequency response to be adjusted to suit the installation.

For simple and effective installation, the i6 MP can be mounted with the optional MB6 yoke bracket. Available in charcoal or white, the i6 MP blends into almost any setting.

FRONT DETAIL



YOKE BRACKET



BADGE DETAIL



DRIVER DETAIL



 **DUAL™**
CONCENTRIC

MULTI PURPOSE

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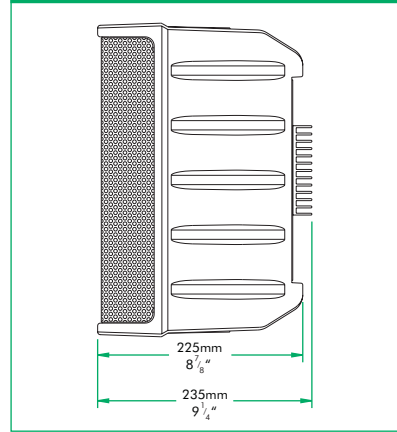
SYSTEM

System Type	Multi-Purpose Loudspeaker	
Frequency Response (1)	+/- 3dB -10dB	70Hz - 20kHz 53Hz
Amplifier	Input	10k Ω balanced
	Sensitivity	Adjustable, +4dBu/-10dBu
	Output Power	2 x 70W rms
	User Controls	Input level, LF Control, HF Control
Crossover Frequency	1.6kHz	
Maximum SPL (2)	Anechoic	108dB
	Half Space	111dB
Dispersion	See Beamwidth Plot	90° Conical
Driver Complement	1 x 165mm (6.5") Dual Concentric™	

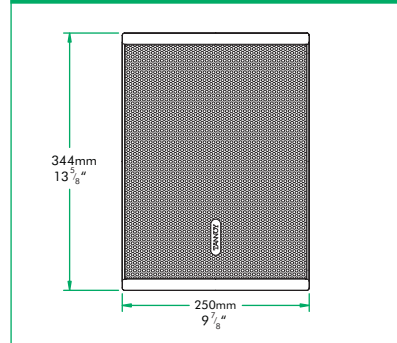
CONSTRUCTION

Enclosure	11 litre polypropylene	
Finish	Charcoal or White	
Connectors	Combined XLR / TRS Jack	
Fittings	2 x M8 inserts	
Mounting Options	MB6	2 x yoke fixing points
Dimensions	344 x 250 x 235mm (13 ⁵ / ₈ x 9 ⁷ / ₈ x 9 ¹ / ₄ "	
Weight (each)	6.9kg (15lbs 3oz)	
Shipping	Quantity	2
	Weight	15.5kg (34lbs 8oz)
	Pack Dimensions	400 x 500 x 300mm (15 ³ / ₄ x 19 ⁵ / ₈ x 11 ³ / ₄ "

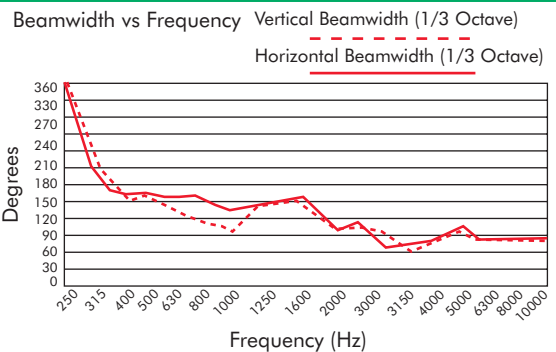
SIDE ELEVATION



FRONT ELEVATION



BEAMWIDTH PLOT



NOTES: (1) Average over stated bandwidth. Measured at 1 metre on axis. (2) 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.

i6 MP

APPLICATIONS

- Foreground music & paging systems
- High level music and speech reinforcement
- Theme bars
- Theme parks
- Reception / waiting rooms
- Airports, convention centers, hotels
- Business music systems
- Boardrooms & offices
- Cruise ships
- Retail outlets
- Houses of worship

FEATURES

- 6.5" (165mm) point source Dual Concentric™ driver
- 90° controlled conical dispersion for optimum coverage and forward gain
- Twin 70 Watt amplifiers
- Wide, constant directivity dispersion
- High sensitivity
- Magnetic cooling HF
- Optional MB6 yoke bracket
- Quick & easy installation
- Five year loudspeaker warranty

ARCHITECTURAL SPECIFICATIONS

The Multi-Purpose system shall consist of a 165mm (6.5") full range single point source, constant directivity Dual Concentric™ transducer. The transducer shall be mounted into a vented, moulded enclosure.

The loudspeaker shall be powered by two 70 Watt amplifiers with an active crossover network located inside the enclosure. Connections to the amplifier shall be by balanced XLR or TRS Jack connector.

Performance of the loudspeaker shall meet or exceed the following criteria; frequency response 1 metre on axis with swept sine wave shall be 70Hz - 20kHz +/- 3dB, maximum SPL shall be at least 108dB (average) at 1 metre with minimal loss accounted for.

The dispersion of the loudspeaker shall be 90° conical. The enclosure shall be an optimally tuned, vented enclosure, utilising a yoke mount, and shall not exceed the following dimensions: 344 x 250 x 235mm or 13⁵/₈ x 9⁷/₈ x 9¹/₄" (HxWxD).

This loudspeaker system shall be the Tannoy...i6 MP.



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