

TANNOY®

ALL WEATHER

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i8 MP

The Tannoy i8 MP is an active premium quality Multi Purpose installation loudspeaker based around a 200mm (8") point source, constant directivity Dual Concentric™ transducer. Powered by two 90 Watt amplifiers, the i8 MP consistently delivers a powerful performance in a wide range of applications.

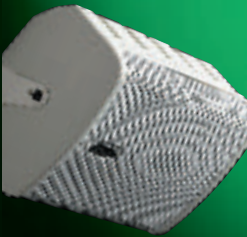
The i8 MP, utilising the same drive unit used in Tannoy's studio monitors, incorporates the latest generation design features including a plastic cone and rubber surround for additional weatherproofing, a dual magnet assembly, and HF Tulip WaveGuide™. The high frequency (HF) and low frequency (LF) sources 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 maximizes 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 i8 MP can be mounted with the optional MB8 yoke bracket. Available in charcoal or white, the i8MP blends into almost any setting



FRONT DETAIL



YOKE BRACKET



BADGE DETAIL



DRIVER DETAIL

 **DUAL™**
CONCENTRIC

MULTI PURPOSE

i8 MP

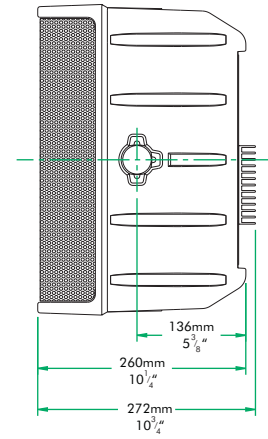
SYSTEM

| | | |
|------------------------|---------------------------------|-------------------------------------|
| System Type | Multi-Purpose Loudspeaker | |
| Frequency Response (1) | +/- 3dB -10dB | 65Hz - 20kHz 53Hz |
| Amplifier | Input | 10k Ω balanced |
| | Sensitivity | Adjustable, +4dBu/-10dBu |
| | Output Power | 2 x 90W RMS |
| | User Controls | Input level, LF Control, HF Control |
| Crossover Frequency | 1.6kHz | |
| Maximum SPL (2) | Anechoic | 110dB |
| | Half Space | 113dB |
| Dispersion | See Beamwidth Plot | 90° Conical |
| Driver Complement | 1 x 200mm (8") Dual Concentric™ | |

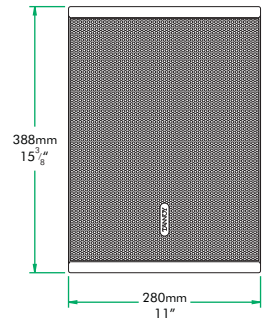
CONSTRUCTION

| | | |
|------------------|--|--|
| Enclosure | 11 litre polypropylene | |
| Finish | Charcoal or White | |
| Connectors | Combined XLR / TRS Jack | |
| Fittings | 1 x 35mm pole mount 2 x M8 inserts | |
| Mounting Options | MB 6 | 2 x yoke fixing points |
| Dimensions | 388 x 280 x 272mm (15 ³ / ₈ x 11 x 10 ³ / ₄ " | |
| Weight (each) | 8.6kg (19lbs) | |
| Shipping | Quantity | 2 |
| | Weight | 19.6kg (43lbs 3oz) |
| | Pack Dimensions | 450 x 570 x 340mm (17 ³ / ₄ x 22 ¹ / ₂ x 13 ³ / ₈ " |

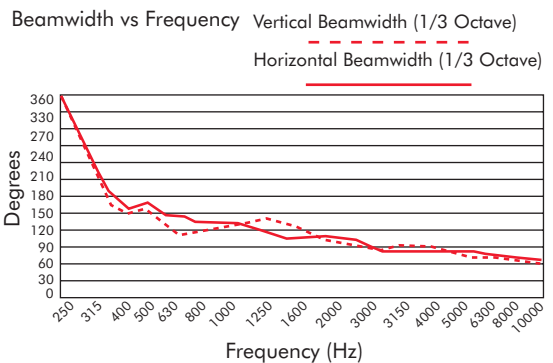
SIDE ELEVATION



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.

i8 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

- 8" (200mm) point source Dual Concentric™ driver
- 90° controlled conical dispersion for optimum coverage and forward gain
- Twin 90 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 200mm (8") 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 90 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 68Hz - 20kHz +/- 3dB, maximum SPL shall be at least 110dB (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: 388 x 280 x 272mm or 15³/₈ x 11 x 10³/₄" (HxWxD).

This loudspeaker system shall be the Tannoy...i8 MP



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