

## SYSTEM 8 NFMII

Utilising Tannoy's revolutionary re-designed 8 inch Dual Concentric DMT driver, this single point source design allows for accurate pin-point location of sounds within the stereo field. The cross-briced DMT cabinet design provides an ideal mounting for the drive unit. The cabinet's twin laminated walls not only look beautiful but provide a secondary damping effect for the full cross brace/drive unit energy system.

- 8 inch Tulip HF Point Source Dual Concentric DMT Driver
- High sensitivity, High power design
- Moulded Nitrile HF surround
- User replaceable self-centring HF diaphragm assembly
- HF coil wound with rectangular section copper-clad aluminium wire
- Magnetic fluid cooled coil
- Strip leadouts for improved reliability
- Felt damping plug behind HF dome to reduce cavity resonances
- Injection moulded LF cone
- LF coil wound with rectangular section copper wire
- Polypropylene DMT HF capacitor
- Film capacitors throughout
- Bi-Wired gold-plated terminals
- Hard-wired crossover network
- Rugged cabinet styling comprising high pressure twin laminated MDF walls within a grey soft-texture space-frame
- Braced cabinet/drive energy system
- Small diameter resistive port design
- Split crossover, inductor on crossbrace
- Custom manufactured woven internal wiring
- Five year warranty

**TANNOY**  
**MONITOR**  
**SERIES**



## TECHNICAL SPECIFICATIONS

### RECOMMENDED AMPLIFIER POWER

20 to 160 watts

### PEAK POWER HANDLING

200 watts

### NOMINAL IMPEDANCE

8 ohms

### SENSITIVITY (2.83 volts @ 1 m)

93 dB

### DISTORTION

Less than 0.4% 47 Hz - 25 kHz

### PHASE RESPONSE

System behaves substantially as a frequency independent time delay

### DISPERSION

90 degrees conical

### CROSSOVER FREQUENCY

1.7 kHz

### CROSSOVER TYPE

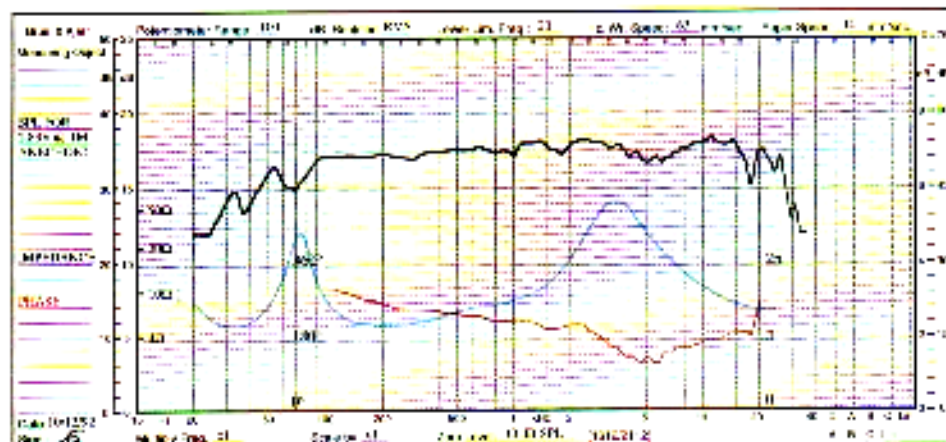
Second-order low frequency; first-order high frequency. Positive acoustic polarity

### FREQUENCY RESPONSE ( $\pm 3$ dB)

47 Hz - 25 kHz

### DRIVE UNIT TYPE

8 inch 2026 Dual Concentric



## CABINET SPECIFICATIONS

### CABINET INTERNAL VOLUME

18.3 litres

### CABINET MATERIAL

MDF (30mm - front and back; 20.6mm - top, bottom and sides) with energy absorbing bracing matrix and TF-1 acoustic wadding.

### CABINET FINISH

Velli shadow grey soft-texture finish. High pressure twin laminate in shadow grey with metallic speckled finish on top, bottom and sides.

### GRILLE

Acoustically transparent material over rigid frame

### CABINET DIMENSIONS (H x W x D)

460 x 300 x 230mm  
(18.1 x 11.8 x 9.1 inch)

### CABINET WEIGHT

12 kg (26.4 lbs)

### SHIPPING DIMENSIONS (H x W x D)

Approximately 510 x 350 x 280mm  
(20 x 13.8 x 11 inch)

### SHIPPING WEIGHT

Approximately 16 kg (35.2 lbs)

Please refer specifications for guidance regarding use with large power amplifiers or wide dynamic range material parameters.

Frequency limits are  $\pm 3$ dB reference to sensitivity figure, which is averaged over equal bandwidth. In full space (2000m<sup>3</sup>) rooms, for acoustic conditions 14 in environments decrease by 10dB. Distortion figures show the gross maximum of the residual component. The lower frequency figures are derived using shape wave signal based on DIN 45 500 (peak values over a 100-hour accelerated life test). For equivalent comparison the wave figures listed by  $\pm 3$ dB below 100 Hz and above crossover frequency.

Our policy continues to be incorporating improvements to our products through continuous research and development. Please contact our sales representatives for critical applications with your supplier.

# TANNOY MONITOR SERIES

## SYSTEM 8 NFM II

### ARCHITECTURAL SPECIFICATIONS

The MONITOR SYSTEM shall consist of an 8 inch full-range, single point source. Dual Concentric transducer and a first-order high frequency, second-order low frequency with impedance compensation positive acoustic polarity frequency dividing system. Performance of the MONITOR shall meet or exceed the following criteria: frequency response 1 metre on axis with swept sine wave shall be 47 Hz - 25 kHz  $\pm 3$  dB, sensitivity shall be at least 93 dB for 1 watt at 1 metre, nominal impedance shall be 8 ohms with a rated power capacity of at least 200 watts peak. The enclosure shall be a DMT energy controlling structure with dimensions not exceeding 460 x 300 x 230mm.

**THE MONITOR SHALL BE THE  
TANNOY... SYSTEM 8 NFM II**



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