

TANNOY[®]

PROFESSIONALS



THE FSM-U

Using proven phase alignment techniques, the new Super Gold Monitor Series of professional studio monitors is a major step forward in reference sound quality.

Special features include:

Hard wired crossovers with gold plated high current switches.

Gold plated terminals.

Black plated magnet parts for greater heat dissipation from voice coils.

Specifically developed for wall mounting in large control rooms and mirror imaged to suit vertical or horizontal mounting.

FSM-U

Recommended Amplifier Power*

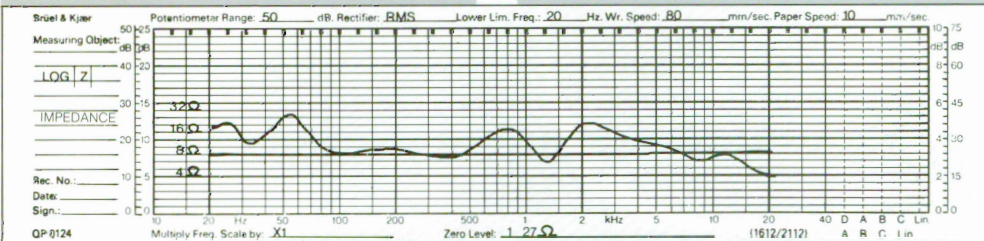
10-500w (RMS per channel)

Peak Power Handling

700w

Impedance

- Nominal LF window 'IN' 4 ohms, LF window 'OUT' 8 ohms
- Minimum LF window 'IN' 3.5 ohms, LF window 'OUT' 6 ohms



Sensitivity

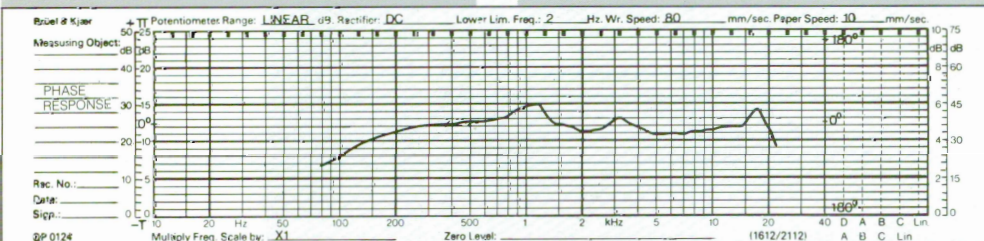
- Domestic 97dB
- Anechoic 94dB

Frequency Response ($\pm 3dB$)

40Hz - 20kHz

Phase Response

System behaves substantially as a frequency independent time delay



*The peak power capability of all Tannoy loudspeakers will allow higher amplifier powers to be used with wide dynamic range material. Care must be taken however to avoid conditions such as switch on surges and amplifier overloading or 'clipping' which may result in momentary peaks of power greatly in excess of the specified ratings.

Due to our policy of continuous improvement, all specifications are subject to change without notice.

Publication Part No: 6483-0122

Internal Volume

310 litre, Bass - 210 litre Dual Concentric - 100 litre

Cabinet Material

MDF (25mm & 32mm) with two shelf braces and TF-1 acoustic wadding

Cabinet Finish

Black textured paint

Grille

Black acoustically transparent material on wooden frame

Cabinet Dimensions

906mm x 786mm x 555mm (35.7" x 31" x 21.8")

Cabinet Weight

83kg (183lb)

Shipping Dimensions

1000mm x 860mm x 570mm (39.4" x 33.9" x 22.4")

Shipping Weight

93.5kg (206lb)

Drive Unit Type

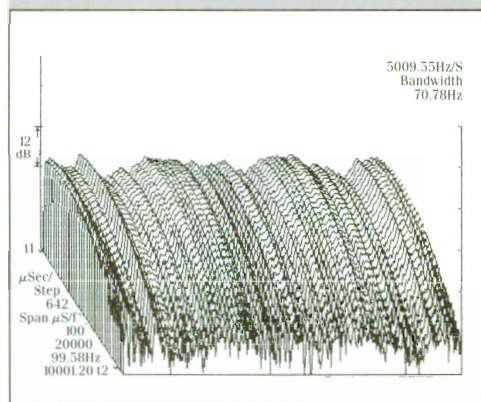
15" Dual Concentric, 15" Bass Unit

Drive Unit Number

Dual Concentric 3809, Bass Unit 3849

TANNOY

Energy Time Frequency



Apparent Acoustic Source

221mm behind front surface of baffle

Dispersion at -6dB points

Using octave band pink noise - 90° conical at 10kHz

Crossover Frequency

LF window 'IN' 1kHz
LF window 'OUT' 590Hz, 1kHz

Crossover Type

First order and overdamped second order with parallel impedance compensation. SyncSource™ all pass delay network.

Crossover Controls

Mid Frequency Energy Range 1.5kHz - 4.7kHz
Settings +2dB, 0, -2dB

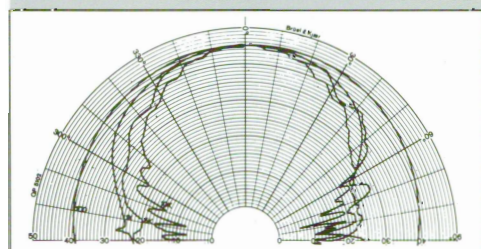
High Frequency Roll off Range 5kHz - 20kHz
Settings 0, -3dB, -6dB

High Frequency Energy Range 3kHz - 20kHz
Settings +2dB, 0, -2dB

LF Window Open/Closed Range 40Hz - 500Hz

Slave Input for passive operation

Polar Response



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