

Tannoy SGM 12 Techinfo



TANNOY[®]
PROFESSIONALS

SUPER GOLD MONITOR

THE SGM 12X

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

...minor 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.
- Additional cabinet bracing.
- Large bass reflex enclosure gives optimum bass performance in studios where space permits.

SGM 12X

Recommended Amplifier Power*

10-200w (RMS per channel)

Peak Power Handling

350w

Impedance

- Nominal 8 ohms
- Minimum 5.5 ohms

Internal Volume

68 litre

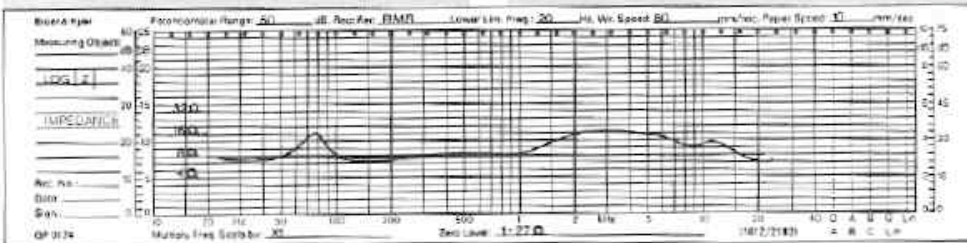
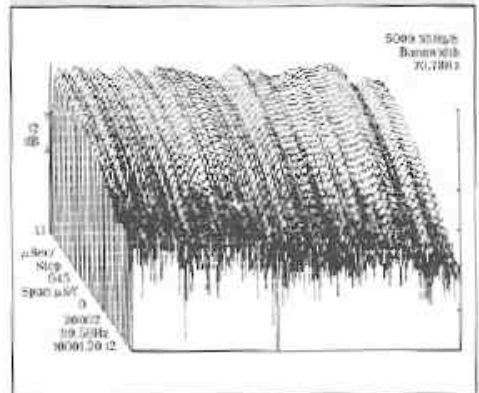
Cabinet Material

18mm high density particle board with TF-1 acoustic wadding

Cabinet Finish

Oiled walnut veneer

Energy Time Frequency



Sensitivity (2.83v at 1m)

- Domestic 95dB
- Anechoic 92dB

Grille

Single piece - Dark brown acoustically transparent material on wooden frame

Frequency Response ($\pm 4dB$)

52Hz - 20kHz

Cabinet Dimensions

846mm x 446mm x 272mm (33" x 17.5" x 11")

Phase Response

System behaves substantially as a frequency independent time delay

Cabinet Weight

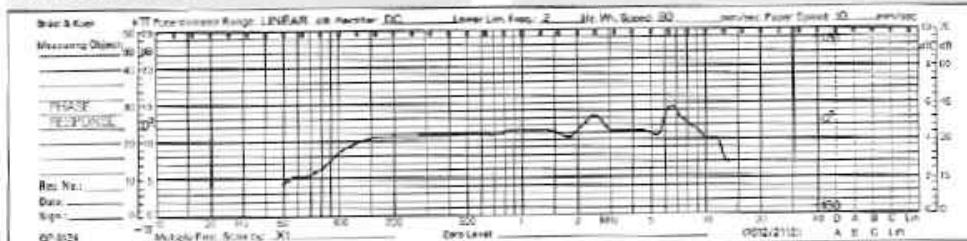
30kg (66lb)

Apparent Acoustic Source

192mm behind front surface of baffle

Dispersion at -6dB points

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



Crossover Frequency

1.4kHz

Crossover Type

Overdamped second order low pass coupled with first order high pass filters. Parallel impedance compensation together with SyncSourceSM second order all pass passive delay network. Positive acoustic polarity. Five position treble energy attenuator and five position roll off slope.

Crossover Controls

Treble Energy Range 2kHz - 20kHz
Settings +3.0dB, +1.5dB, Level, -1.5dB, -3.0dB

Treble Roll Off Range 5kHz - 20kHz
Settings +2.0dB, Level, -2.0dB, -4.0dB, -6.0dB

Shipping Dimensions

*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: 6483-018

995mm x 495mm x 335mm (39" x 19.5" x 13")

Shipping Weight

32kg (70.5lb)

Drive Unit Type

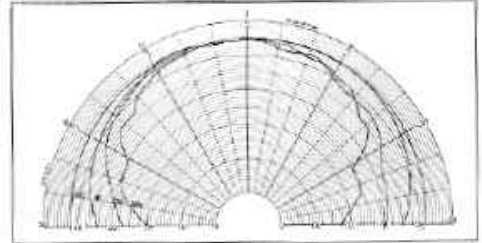
12" Dual Concentric

Drive Unit Number

3149R

TANNOY

Polar Response



Designed and manufactured in Great Britain by Tannoy Ltd. The Bilton Centre, Coronation Road, Cressex Industrial Estate, High Wycombe, Bucks HP12 3SB Telephone: 0494 450606 Telex: 83251 TANNOY G Telefax: 0494 37431