TANCY PROFESSIONALS



THE SGM 12X

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.

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

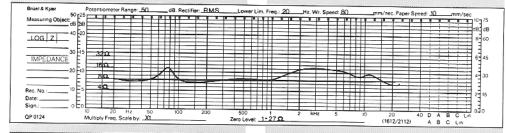
68 litre

Cabinet Material

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

Cabinet Finish

Oiled walnut veneer



Sensitivity (2.83v at 1m)

- Domestic 95dB
- -Anechoic 92dB

Frequency Response (\pm 4dB)

52Hz - 20kHz

Phase Response

System behaves substantially as a frequency independent time delay

Grille

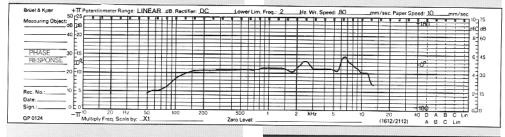
Single piece – Dark brown acoustically transparent material on wooden frame

Cabinet Dimensions

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

Cabinet Weight

30kg (66lb)



Shipping Dimensions

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

Shipping Weight

32kg (70.5lb)

Drive Unit Type

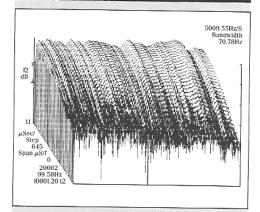
12" Dual Concentric

Drive Unit Number

3149R

TANOY

Energy Time Frequency



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

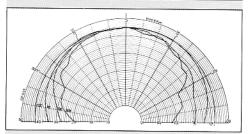
Overdamped second order low pass coupled with first order high pass filters. Parallel impedance compensation together with SyncSource® second order all pass passive delay network. Positive acoustic polarity. Five position treble energy attenuator and five position roll off slope.

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

Polar Response



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without notice.

*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