

SCM25A Pro Mk2

Compact Active 3-way Studio Monitor

Overview

Compact very high performance 3-way studio monitor
On-board 242W convection cooled discrete MOSFET class A/B amplifier.
1 x balanced XLR input.
User adjustable bass boost and input sensitivity.
Suitable for use in stereo, surround and immersive audio applications.
Install variant with remote amplifier also available – SCM25Ai Pro Mk2.

Acoustic specifications

Drive Units: Bass: 1 x SB50-164SC 8Ω

Mid: 1 x SM75-150 16Ω

HF: 1 x SH25-76S 6Ω Compact.

Low Frequency Cut-off: 47Hz (-6dB, anechoic).

High Frequency Cut-off: 25kHz (-6dB).

MaxSPL: 109dB continuous, 115dB peak (Per pair, IEC Weighted Pink Noise, 1m, anechoic).

Sensitivity: 92dBC ref. +4dBu (per single unit, 1m, pink noise, bass boost 0dB, sensitivity 2.2dBu/IV).

Electronic specifications

Amplifier type: Grounded Source MOSFET based Class A-B, convection cooled.

Output Power: Bass 150W into (8Ω), Mid 60W into (8Ω), HF 32W into (6Ω).

THD+N: <0.003%/-92dB (1kHz, 1dB below rated power, 90kHz BW).

Input CMRR: 82dB at (10kHz).

Balanced Input: 1 x Rear Panel Mounted Female XLR, pin 2 hot.

Input Impedance: 20kΩ (differential).

Frequency Response: <2Hz to >200kHz (-3dB).

Crossover Filters: 4th Order Linkwitz Riley at 380Hz and 3.5kHz.

Bass Boost Control: Continuously variable from 0dB to +3dB.

Input Sensitivity: 2.2dBu/IVrms for full power.

Input Sensitivity Control: Continuously Variable from 2.2dBu – 8.2dBu/IVrms – 2Vrms (-6dB).

Limiters: ATC Active FET Momentary Gain Reduction, active limiter indicated via front panel LED.

Mains Input: 220-230V or 115V – Factory set. Please observe panel markings and labels!

Power Consumption: Idle 24W/35VA. 1/8th Power 117W/159VA. Full Power 255W/324VA.

Heat Output: Idle 82BTU/hr. 1/8th power 335 BTU/hr. Full Power 358BTU/hr.

Physical specifications

See following page.



ATC reserve the right to change specifications without prior notice
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Net Weight: 25.1kg/55.2lbs.

Dimensions...

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