

SCM12 Pro
two-way passive studio monitor



PRO SERIES

p r o f e s s i o n a l

Manufactured in-house to exacting tolerances ATC's drive units are legendary for their many design innovations. Hand-wound voice coils use only high density edge wound flat OFHC ribbon copper wire and operate in precision magnetic gaps. Front and rear venting not only reduces air flow noise but also increases power handling capacity and, therefore, long term reliability.

Massive magnet motor assemblies offer no-compromise optimisation for each voice coil diameter. Constrained Layer Damping (CLD) is a drive unit diaphragm technology from ATC that represents another advance in performance and one that transfers directly to system performance and the reproduction of music. The enhanced damping performance of this technology brings significant improvements to bass/mid drive units by reducing harmonic distortion in the critical midrange, improving magnitude linearity (frequency response)

s e r i e s

and also dispersion (behaving like a smaller drive unit off axis). These features have been incorporated into the SB50-150CLD bass/mid driver and integrated into the new SCM12 Pro.

This passive professional near field monitor also incorporates ATC's SH25-76 tweeter. Sharing technology with the renowned ATC Soft Dome midrange unit the new tweeter employs a unique dual suspension system suppressing diaphragm rocking modes and eliminating the need for ferrofluid.

The SCM12 Pro has a perfect partner in the ATC PI Power Amplifier.

Built to give a lifetime of service and musical pleasure all ATC products carry a 6 year warranty.



HAND BUILT
ACTIVE/PASSIVE
PROFESSIONAL
MONITORS
AND ELECTRONICS
FROM ATC



SCM12 PRO : 2 - way passive studio monitor

Features

- Compact, high performance 2-way studio monitor utilising ATC's proprietary Constrained Layer Damping (CLD) bass/mid driver. CLD technology employs a multi-layered composite cone with a central damping layer that effectively reduces the effects of cone break up. The result is a drive unit capable of delivering exceptional clarity, even at high drive levels.
- The unique dual suspension topology of ATC's SH25-76 tweeter ensures pistonic motion of the voice coil former without resorting to the use of Ferrofluid, ensuring a more consistent performance over extended periods of time.
- Ideally suited to:
Critical near-field listening applications in all control rooms;
LCR and surround monitoring in small-to-medium control rooms.
- 6 year warranty.

Specifications

Drivers : HFATC 1"/25mm dual suspension Soft Dome (SH25-76 6 Ohm), LFATC 6"/150mm Constrained Layer Damping (CLD) (SB50-150CLD 8 Ohm)
Amplitude Linearity : 80Hz - 16kHz (+/-2dB) **Cut Off Frequencies :** 56Hz - 22kHz (-6dB freestanding) **Dispersion :** ±80° Coherent Horizontal, ±10° Coherent Vertical
Maximum Continuous SPL : 108dB (per pair @ 1m) **Crossover Frequency :** 2.2kHz **Recommended Power Amplifier :** 75 to 300 Watts
Nominal Impedance : 8 Ohm **Connectors :** Binding Posts/4mm Plugs, bi-wire
Cabinet Dimensions (HxWxD) : 400x238x235mm/15.7"x9.4"x9.3" **Weight :** 11kg/24lbs (per cabinet)

ATC reserves the right to vary products and specifications without prior notice.





The SCM12 Pro has a perfect partner in the ATC PI Pro Amplifier



PI PRO

clip left
clip right
output off

output off

Dual Mono
Power Amplifier





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