



CONTACT

For review enquiries please e-mail:

jonathan@millermusicandmedia.com

For ATC info contact:

Ben.Lilly@atc.gb.net



SCM20ASL Pro / SCM20PSL Pro

ATC launches SCM20ASL Pro (V2) active and SCM20PSL Pro passive reference nearfield monitors

ASTON DOWN, GLOUCESTERSHIRE, UK: specialist British loudspeaker drive unit and complete sound reproduction system manufacturer **ATC** is proud to announce availability of two new high-performance reference nearfield monitors — the active **SCM20ASL Pro** (V2) and passive **SCM20PSL Pro** — as of September 1...

As implied by name, the active model replaces the previous-generation **SCM20ASL Pro**, while the passive model is an all-new affair, providing an entry point into **ATC** studio monitoring at a lower price point, albeit without compromising component quality over features.

Both models feature **ATC**'s renowned drive units, hand built in its UK facility. Of particular note is the new **SH-25-76S** 25mm/one-inch soft dome tweeter, the first to be designed and built by **ATC**, and the result of six years of research and development by **Managing Director Billy Woodman** and **R&D Engineer Richard Newman**. "The tweeter is designed and built with the same no-compromise philosophy as all other **ATC** drive units," notes **Newman**, before continuing: "The design takes notes from the highly-regarded **ATC** midrange dome by utilising a dual-suspension design, negating the requirement for Ferro-fluid, and avoiding the detrimental effects of this drying out over time, a feature considered to be of utmost importance for longterm consistency." The massive neodymium motor with heat-treated top plate is optimised to ensure an extended frequency response (-6dB @ 26kHz) and low non-linear distortion. The geometry of the waveguide is designed for optimum dispersion and made from a precision-machined alloy so that the entire structure is extremely rigid and free from resonances.

The bass/mid driver used in both loudspeakers is **ATC**'s proprietary 150mm/six-inch **Super Linear** device. Constructed with a 75mm/three-inch voice coil and a short-coil, long-gap topology, it combines the high-power handling and low-power compression usually only found in large, high-efficiency systems with the fine resolution and balance of modern high-fidelity systems. Unique to the drive unit is **ATC**'s **Super Linear** technology, which, by employing specialist materials in the magnetic circuit, reduces third harmonic distortion in the lower midrange.

The electronics in the active design have also had considerable development time invested in them, resulting in reduced noise and distortion (a further -10dB @ 10kHz) and a reduced operating temperature for improved reliability. The amplifier design is a revised version of **ATC**'s discrete MOSFET Class A/B design with 200W and 50W continuous power available for the bass and high frequency sections, respectively. The user controls have also been improved over the previous generation with more flexible input sensitivity controls and a revised low frequency shelf control to help achieve good balance in difficult acoustic conditions. The amplifier includes protection circuits for both DC offset and thermal overload.

The cabinet has been restyled to more closely follow the larger monitors in **ATC**'s professional range and is constructed from heavily-braced MDF. Highly damped, elastometric panels are bonded and stapled to the cabinet's inner walls to suppress cabinet panel resonances, while the enclosure's front panel is heavily radiused to reduce cabinet diffraction, improving the frequency response and imaging. The loudspeaker can be wall mounted via a K&M 24120 Wall Mount (available separately). Note that the cabinet requires modification to accept the 'top-hat' mount.

Ideally suited to critical nearfield listening applications in all control rooms, LCR surround monitoring in small-to-medium control rooms, and surround channels in medium-to-large control rooms, anyone looking to seriously improve their reference nearfield monitoring experience surely owe it to themselves and their studio setup to take a listen to the **SCM20ASL Pro** (V2) and/or the **SCM20PSL Pro** in action? EQ, balance, and edit faster, with more consistent results and reduced listening fatigue using the latest reference nearfields from **ATC**.



CONTACT

For review enquiries please e-mail:

jonathan@millermusicandmedia.com

For ATC info contact:

Ben.Lilly@atc.gb.net



The SCM20PSL Pro passive high-performance loudspeakers carry a UK RRP of £2,083.00 GBP (plus VAT) per pair; the SCM20ASL Pro (V2) active high-performance loudspeakers carry a UK RRP of £3,647.00 GBP (plus VAT) per pair. Both are available worldwide from any authorised ATC stockist.



Print-ready, hi-res images:

<http://www.atcloudspeakers.co.uk/wp-content/uploads/2014/08/Active-Main-View-Final-webres.jpg>

<http://www.atcloudspeakers.co.uk/wp-content/uploads/2014/08/Active-Back-View-Final-webres.jpg>

About ATC (www.atcloudspeakers.co.uk/professional)

ATC (Acoustic Transducer Company) is a specialist British manufacturer of loudspeaker drive units and complete sound reproduction systems, including all associated electronic equipment. All such systems and components are designed and built in-house to achieve levels of performance far in excess of the industry norm by adopting a thoroughly professional engineering approach to the issues of basic design, materials science, and production technology. Formed in 1974 to manufacture custom drive units for the professional sound industry, ATC's groundbreaking 'Soft Dome' mid driver technology was originally developed in 1976 and is still featured in the company's current SCM25A Pro, SCM50ASL Pro, SCM100ASL Pro, SCM110ASL Pro, SCM150ASL Pro, SCM200ASL Pro, and top-of-the-range SCM300ASL Pro three-way active professional series loudspeakers. Constantly improved, it is still unique in innovation, and remains the only midrange device capable of delivering ultimate performance; flatteringly, it has been widely copied — without success. Similarly, the 'Super Linear' technology found in ATC's professional series bass drive units is equally unique — not only in its ability to accurately reproduce piano, but also the precise manner in which male voices are articulated. All drive units in ATC active professional monitors are powered by their own ATC-designed amplifier, optimised for the relevant bandwidth, and all amplifiers — working substantially in Class A — feature even-order-filtered active crossovers that are individually aligned and phase-corrected to ensure unmatched stereo imaging.