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ATC LOUDSPEAKER TECHNOLOGY ANNOUNCES THE LAUNCH OF THE NEW 'HI FI' PASSIVE SERIES SCM 19 AND SCM 40 LOUDSPEAKERS

Designed for small to medium scale stereo and multi-channel applications, two new models incorporate a wholly ATC designed and built tweeter, and stylishly curved cabinets.

Featuring the new ATC designed and built 25mm soft dome tweeter, updated bass/mid drivers and crossovers housed in a curved, laminated cabinet, the first of a new range of ATC closed-box passive loudspeakers has arrived. The second generation SCM19 and second gen. SCM40 are the first to employ ATC's landmark SH25-76 tweeter, developed to satisfy the company's long-established rigour in drive unit engineering. The loudspeakers join the new SCM7 and SCMI I to complete the new ATC Hi-Fi Passive Series line up.

SH25-76 Tweeter

Sharing technology with the renowned ATC soft domed mid-range drive unit, the new tweeter employs a unique dual suspension system suppressing rocking modes even at high power output levels. The ATC configuration of a short edge-wound voice coil in a long, narrow magnetic gap ensures exceptionally low distortion throughout its operating band and removes the need for ferrofluids, which can dry out over time, compromising performance.

A complex, shaped, soft-domed diaphragm extends high frequency range and offers a smooth off-axis response. The tweeter's 15,000 gauss (1.5 tesla) neodymium magnet has a black heat-treated top plate, which dissipates heat away from the voice coil to maintain high power handling and low power compression. A precision-machined 5.5mm rigid alloy waveguide provides optimum dispersion, a flat on-axis frequency response and resonance-free operation.

New Cabinets and Systems

Establishing what is to be a new style for ATC's most competitively priced range of loudspeakers, and joining the new SCM7 and SCMI I launched earlier in the year, the new SCM19 and SCM40 benefit acoustically and aesthetically from a curved cabinet construction. Braced and laminated for high rigidity and damping, the curved enclosures in real cherry or black ash veneer also impart a strong impression of design quality. Improved crossovers featuring metallised polypropylene capacitors, large air cored inductors and ceramic wire-round resistors offer superior power handling and clarity. Each new model exhibits an impedance curve free from low values, presenting an easy load for amplifiers of 75

to 300 watts. The SCMI9 and SCM40 are designed for optimum performance with the grill in place – although the difference in performance without the grill is minimal. The metal grille, finished in anthracite grey, fixes to the cabinet via hidden magnets. According to tradition, each model number represents internal cabinet volume in litres.

Second Generation SCMI9

ATC's SH25-76 soft dome tweeter is joined by the company's highly linear 150mm mid/bass driver. It features an integrated 75mm soft dome - exceptional for its horizontal dispersion of mid-band frequencies - and a huge 9kg high-energy, 'Super Linear' magnet system, which includes a 75mm diameter flat wire, underhung voice coil, meticulously milled and formed by ATC. The magnet system and a carefully weighted doped fabric cone assembly contribute to the SCMI9's wide bandwidth, impressive dynamic range and convincing bass output coupled with very low distortion as a result of the unique 'Super Linear' motor system.

Second Generation SCM40

The new SCM40 features ATC's new SH25-76 tweeter with a ATC's renowned 75mm/3" Soft Dome mid-range and a 164mm, short coil – long gap (underhung) bass driver. The three-way design and inclusion of the Soft Dome mid results in excellent clarity, even at high drive levels with bass heavy source material. It also gives wide, even dispersion resulting in excellent stereo imaging and un-fussy positioning in the home. The new model also benefits from crossover revisions that have improved the loudspeakers overall balance and the integration between mid and high frequency elements.

Manufactured in-house, the new SCMI9 and SCM40 offer the ownership of a hand-built ruggedly engineered speaker, world famous for musical accuracy and high power output. Like all ATC products, the new models are backed by a six-year warranty.

PRICING: Please contact ATC or your local dealer or distributor for pricing applicable to your country.

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