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ATC Loudspeakers announces the C3C Ver.3-- a centre channel speaker matched to the Hi-Fi Series SCM7 and SCM11 loudspeakers for home theatre rooms.



The C3C driver systems feature the ATC SH25-76 dual-suspension tweeter designed and built in-house. The tweeter carries a 15000 gauss (1.5 tesla) neudymium magnet with a black heat-treated top plate, something the company says 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. The tweeter sits between two mid-bass drivers identical to those employed by the corresponding L/R main loudspaker, while the SCM11 CLD 150mm mid-bass driver incorporates a 45mm soft dome. Constrained Layer Damping reduces harmonic distortion between 300Hz and 3kHz, an extended frequency response and improved off-axis performance.

Also new are the crossovers developed from the SCM7 and SCM11 designs involving metalised polypropylene capcitors, large air cored inductors and ceramic wire-round resistors for superior power handling and clarity. The centre-channel systems exhibit an impedance curve free from low values and extreme phase angles, presenting an easy load for amps of 75 to 300W.

Finally new compact ATC 5.1 channel speaker systems combine C3C with the SCM7, SCM11 and ATC C1 sub active subwoofer to energise multichannel applications with neutral fidelity, wide bandwidth and high dynamic range. The C3 system unites the C3C with matching SCM11s in the front, and for "family-friendly" installation, the SCM7s in the surround positions.

All system components are hand-finished in either cherrywood or black ash veneers.

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