

e n t r y s e r i e s



e n t r y

Manufactured in house to exacting tolerances, ATC's drivers are legendary for their many design innovations.

For instance, our hand-wound short voice coils use only high density edge-wound flat OFC wire and operate in a precision long magnetic gap. Front and rear magnetic venting not only reduces airflow and noise, but increases power handling and long term reliability. Meanwhile, massive motor assemblies offer no-compromise optimisation for each voice coil diameter.

The unique 'Soft Dome' technology that features in the mid driver of our SCM 40 floor-standing monitor was developed by ATC in 1976. Its arrival revolutionised professional studio monitoring. Remarkably today, as then, it remains the only mid-range device capable of giving ultimate performance.

The Super Linea Technology found in our SCM 19 model is equally ground-breaking. It has long been recognised that the detrimental effects of magnetic hysteresis is a significant factor in the production of distortion in loudspeaker drive units.

s e r i e s

With the clever use of revolutionary materials developed for the communications industry, the problem has been solved for all time in the form of ATC's SL drive units. They are unique not only in their ability to accurately reproduce piano, but also the precise manner in which they articulate male voices.

This is hardly surprising given the reduction of third harmonic distortion 10-15 dB between 100Hz and 3kHz. Constrained Layer Damping (CLD) is a new driver cone technology from ATC that has been integrated into the SCML1 monitor and represents a step-change in driver-to-system performance and reproduction of music. Advantages include reduced harmonic distortion between 300Hz and 3kHz compared to a conventional cone; extended resonance frequency response (that eases constraints on cross-over filter slopes); and improvements in off-axis response.

Built to give a lifetime of service and musical enjoyment, all ATC products carry a six year guarantee.



INTRODUCING
A NEW SERIES
OF HAND-BUILT
2- AND 3-WAY
PASSIVE MONITORS
FROM ATC



S C M 7 : 2 - w a y p a s s i v e

Features

- New soft dome HF unit with precision alloy ATC wave guide.
- 125mm ATC mid/bass unit with integral soft dome.
- In-house, hand-wound precision flat wire coil.
- 3Kg optimised motor assembly.
- Flat impedance curve allowing easy load for amplifiers.
- 6 year warranty.

Specifications

Drivers : HF 25mm Neodymium, Mid/LF 125mm **Matched Response :** +/- 0.5dB **Frequency Response (-6dB) :** 60Hz-22kHz
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical **Sensitivity :** 84dB @ 1W @ 1metre **Max SPL :** 103dB
Recommended Power Amplifier : 50 to 300 Watts **Nominal Impedance :** 8 Ohm **Crossover Frequency :** 2.5kHz
Connectors : Binding Posts/4mm Plugs, bi-wire **Cabinet Dimensions (HxWxD) :** 300x160x230mm **Weight :** 7kg

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





SCMI I : 2 - w a y p a s s i v e

Features

- New soft dome HF unit with precision alloy ATC wave guide.
- Precision undercut bass pole.
- New "CLD" driver technology with 45mm integral soft dome.
- In-house, hand-wound precision flat wire coil.
- Massive optimised motor assembly.
- Flat impedance curve allowing easy load for amplifiers.
- 6 year warranty.

Specifications

Drivers : HF 25mm Neodymium, Mid/LF 150mm **Matched Response :** +/- 0.5dB **Frequency Response (-6dB) :** 56Hz-22kHz
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical **Sensitivity :** 85dB @ 1W @ 1metre **Max SPL :** 108dB
Recommended Power Amplifier : 50 to 300 Watts **Nominal Impedance :** 8 Ohm **Crossover Frequency :** 2.8kHz
Connectors : Binding Posts/4mm Plugs, bi-wire **Cabinet Dimensions (HxWxD) :** 380x211x250mm **Weight :** 8.5kg

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





S C M I 9 : 2 - w a y p a s s i v e

Features

- New soft dome HF unit with precision alloy ATC wave guide.
- Full "SL" spec bass driver with 75mm integral soft dome.
- 9kg optimised motor assembly.
- In-house, hand-wound precision flat wire coil.
- Flat impedance curve allowing easy load for amplifiers.
- 6 year warranty.

Specifications

Drivers : HF 25mm Neodymium, Mid/LF 150mm **Matched Response** : +/- 0.5dB **Frequency Response (-6dB)** : 54Hz-22kHz
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical **Sensitivity** : 85dB @ 1W @ 1metre **Max SPL** : 108dB
Recommended Power Amplifier : 50 to 300 Watts **Nominal Impedance** : 8 Ohm **Crossover Frequency** : 2.8kHz
Connectors : Binding Posts/4mm Plugs, bi-wire **Cabinet Dimensions (HxWxD)** : 440x223x315mm **Weight** : 16kg

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





S C M 4 0 : 3 - w a y p a s s i v e

- Features
- New soft dome HF unit with precision alloy ATC wave guide.
 - ATC 180mm bass driver.
 - Massive optimised motor assembly.
 - Dedicated ATC 75mm coil studio mid Soft Dome.
 - Flat impedance curve allowing easy load for amplifiers.
 - 4 point precision spike assembly.
 - 6 year warranty.

Specifications

Drivers : HF 25mm Neodymium, Mid 75mm ATC Soft Dome, LF 165mm **Matched Response** : +/- 0.5dB **Frequency Response (-6dB)** : 48Hz-20kHz
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical **Sensitivity** : 85dB @ 1W @ 1metre **Max SPL** : 112dB
Recommended Power Amplifier : 50 to 300 Watts **Nominal Impedance** : 8 Ohm **Crossover Frequencies** : 380Hz & 3.5kHz
Connectors : Binding Posts/4mm Plugs, tri-wire **Cabinet Dimensions (HxWxD)** : 965x230x315mm **Weight** : 23.5kg

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





Loudspeaker Technology Ltd Gypsy Lane, Aston Down, Stroud, Gloucestershire GL6 8HR United Kingdom

Telephone 01285 760561 **Fax** 01285 760683

Email: info@atc.gb.net **Websites:** www.atc.gb.net www.softdome.co.uk

Acoustic Transducer Company is the trading name and ATC is the registered trade mark of Loudspeaker Technology Ltd.