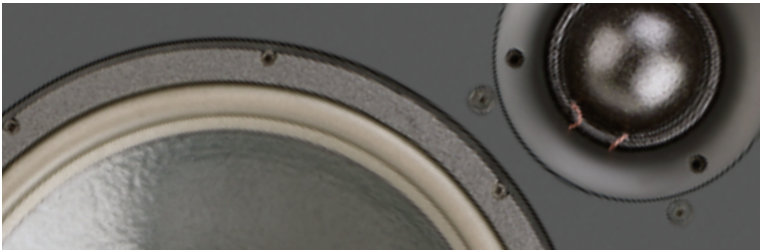




t o w e r s e r i e s



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

t o w e r

s e r i e s

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 in the form of the latest SM-150 s was developed by ATC in 1976 and features in the SCM50 AT, SCM100 AT and SCM150 AT. Its arrival revolutionised professional studio monitoring. Remarkable today, as then, it remains the only mid-range device capable of giving ultimate performance. The 'Super Linear Technology' found in all the Tower models 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 drive units.

With 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 by 10-15 dB between 100Hz and 3kHz. The new ATC Tower Series presents a series of classic hand-built monitors in real wood veneers to match modern and traditional interiors, and are fully compatible with ATC subs and centre channels to form home cinema systems of unmatched quality.

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
ACTIVE AND PASSIVE
MONITORS
FROM ATC



S C M 2 0 S L A T : 2 - w a y a c t i v e *

- Features**
- Full SL Spec Bass driver with 75mm integral soft dome.
 - 9kg optimised motor assembly.
 - In-house, hand wound precision flat wire coil.
 - Wide dispersion and perfect imaging.
 - 250watt Class A (to 2/3 max power) Bi-amplifier.
 - Active filters and overload protection.
 - 6 year warranty.
 - Any veneer to order. Featured veneer: Oak.

Specifications

Drivers : HF 25mm Neodymium, Mid/LF 150mm **Frequency Response (+/-2dB) :** 80Hz-17kHz **(+/-6dB) :** 60Hz-22kHz **Matched Response :** +/- 0.5dB
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical **Max SPL :** 108dB **Crossover Frequency :** 2.8kHz **Connectors :** Male XLR
Filters : All active **Amplifier Output :** 200w LF, 50w HF **Cabinet Dimensions (HxWxD) :** 990x239x365mm **Weight :** 40kg

***Passive version also available :** **Sensitivity :** 83dB@1w@1 metre **Weight :** 34kg **Suitable for use with amplifiers of :** 50-300w

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



1003 mm



SCM50SL AT : 3 - w a y a c t i v e *

Features

- ATC SM-150 s Soft Dome Mid driver.
- Latest 234mm SL Spec Bass driver.
- Massive ATC motor assembly.
- Wide dispersion and perfect imaging.
- 350 watt Class A (to 2/3 max power) Tri-amplifier.
- Active filters and overload protection.
- 6 year warranty.
- Any veneer to order. Featured veneer: Rosewood.

Specifications

Drivers : HF 25mm Neodymium, Mid 75mm ATC Soft Dome, LF 243mm SL **Frequency Response (+/-2dB) :** 70Hz-17kHz **(+/-6dB) :** 38Hz-22kHz
Matched Response : +/-0.5dB **Dispersion :** ±80° Coherent Horizontal, ±10° Coherent Vertical **Max SPL :** 112dB **Crossover Frequencies :** 380Hz and 3.5kHz
Connectors : Male XLR **Filters :** All active **Amplifier Output :** 250w LF, 100w Mid, 50w HF
Cabinet Dimensions (HxWxD) : 1003x304x470mm **Weight :** 53.3kg

***Passive version also available :** **Sensitivity :** 85dB@1w@1 metre **Weight :** 41.5kg **Suitable for use with amplifiers of :** 100-1500w

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





SCM100SL AT : 3 - w a y a c t i v e *

- Features
- ATC SM-150 s Soft Dome Mid driver.
 - Latest 314mm SL Spec Bass driver.
 - Massive ATC motor assembly.
 - Wide dispersion and perfect imaging.
 - 350 watt Class A (to 2/3 max power) Tri-amplifier.
 - Active filters and overload protection.
 - 6 year warranty.
 - Any veneer to order. Featured veneer: Yew.

Specifications

Drivers : HF 25mm Neodymium, Mid 75mm ATC Soft Dome, LF 314mm SL **Frequency Response (+/-2dB) :** 65Hz–17kHz **(+/-6dB) :** 32Hz–22kHz
Matched Response : +/-0.5dB **Dispersion :** ±80° Coherent Horizontal, ±10° Coherent Vertical **Max SPL :** 115dB **Crossover Frequencies :** 380Hz and 3.5kHz
Connectors : Male XLR **Filters :** All active **Amplifier Output :** 250w LF, 100w Mid, 50w HF
Cabinet Dimensions (HxWxD) : 1070x397x560mm **Weight :** 68kg

***Passive version also available :** **Sensitivity :** 88dB@1w@1 metre **Weight :** 56kg **Suitable for use with amplifiers of :** 100–1500w

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



1104mm



SM I 50 S L A T : 3 - w a y a c t i v e *

Features

- ATC SM-I50 s Soft Dome Mid driver.
- Latest 375mm SL Spec Bass driver.
- Massive ATC motor assembly.
- Wide dispersion and perfect imaging.
- 350 watt Class A (to 2/3 max power) Tri-amplifier.
- Active filters and overload protection.
- 6 year warranty.
- Any veneer to order. Featured veneer: Cherry.

Specifications

Drivers : HF 25mm Neodymium, Mid 75mm ATC Soft Dome, LF 375mm SL **Frequency Response (+/-2dB) :** 60Hz–17kHz **(+/-6dB) :** 25Hz–22kHz
Matched Response : +/-0.5dB **Dispersion :** ±80° Coherent Horizontal, ±10° Coherent Vertical **Max SPL :** 117dB **Crossover Frequencies :** 380Hz and 3.5kHz
Connectors : Male XLR **Filters :** All active **Amplifier Output :** 250w LF, 100w Mid, 50w HF
Cabinet Dimensions (HxWxD) : 1104x495x635mm **Weight :** 77kg

***Passive version also available :** **Sensitivity :** 91dB@1w@1 metre **Weight :** 656kg **Suitable for use with amplifiers of :** 100–1500w

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