

ATC Special Edition
Series



s p e c i a l e d i t i o n s e r i e s

The SE Series is the latest statement in a long line of Limited Edition products that encapsulate the very best of ATC's engineering and design values.

The Company's preoccupation with a performance-first philosophy and attention to engineering detail defines and enhances the visual design producing distinctive, elegant and unique limited edition loudspeakers.

The SE Series is available as either passive or active.

Passive SEs require a separate power amplifier and the passive crossover is designed to provide an easy amplifier load and excellent performance.

The perfect power amplifier to partner the passive SE Series is the ATC model P2 Dual Mono Power Amplifier providing a comfortable 300 watts per channel.

Active SEs on the other hand, include a tri-amplifier incorporating a separate fully discrete amplifier for each drive unit and active crossover filters with phase correction ensuring exceptional linearity and therefore very low distortion. In short the best performance money can buy.

Manufactured and designed in house ATC drive units are legendary for their innovation and performance.

The SE Series use only ATC drive units. The unique soft dome, the SM75-150S first produced in 1976, was revolutionary at the time and remains to this day a benchmark for midrange drive unit performance.

It is now complemented by a new high frequency soft dome, the SH25-76S, built to the same exacting standards that also sets a new benchmark for HF reproduction. The bass drivers all have short coil in a long magnetic gap and incorporate ATC's super linear magnet technology for maximized linearity and power handling.

Built to give a lifetime of service, performance and musical pleasure, all ATC products carry a six year warranty.



INTRODUCING A
LIMITED EDITION
SERIES OF
BESPOKE
HAND-BUILT
PASSIVE & ACTIVE
3-WAY MONITORS

Exclusive style + performance

Introducing the

SCM50SE, SCMI00SE and SCMI50SE

SCMI50SE

in High Gloss Cherry real wood veneer. Black brow and horns



SCM50SE

in rosewood real wood veneer. Black top brow, red horns



SCM100SE

in Burr Magnolia real wood veneer. Matching veneered brow, dull nickel horns



SCM150SE

in High Gloss Cherry real wood veneer. Black brow and horns



Exclusively Yours

Advanced Acoustical Engineering

Bespoke Craftsmanship

A Limited Edition curved cabinet design incorporating:

Choice of Special Edition real wood veneers

Vertical metal inlay in PVD dull nickel finish

Exclusive 'top brow' detail available in various finish and colour combinations

Special Edition fine acid etched and PVD dull nickel coated

rear venting and input panels



Exclusive top brow detail available in various finish and colour combinations



Contrasting vertical metal inlay in PVD dull nickel finish



Special Edition fine acid etched and PVD dull nickel coated rear venting and input panels each individually numbered

Features + Specifications

SCM50SE, SCMI00SE and SCMI50SE

Active / Passive

SCM50SE : 3 - way active / passive

Features

- New ATC designed and built 25mm Soft Dome tweeter model SH25-76S.
- The unique ATC 75mm Soft Dome midrange model SM75-150S.
- The latest 234mm short coil super linear magnet Bass Driver model SB75-234SL.
- Fully discrete amplifier for each drive unit combined to create a Tri-amplifier of 350 watts with active crossover filters, phase correction and overload protection.
- Accurate timbre, wide dispersion and perfect imaging.
- Any veneer to order.
- Choice of top brow finish and colour detail.
- 6 year warranty.

Specifications

Drivers : HF 25mm, Mid ATC 75mm Soft Dome, LF 234mm SL
Frequency Response (-2dB) : 70Hz-17kHz
Frequency Response (-6dB) : 38Hz-25kHz
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 : 200w LF, 100w Mid, 50w HF
Loudspeaker Dimensions (HxWxD) : 1045 x 330 x 475mm
Weight : 64.5kg

Passive version

Sensitivity : 85db@1watt@1 metre
Loudspeaker Dimensions (HxWxD) : 1045 x 330 x 481mm
Weight : 59.5kg **Suitable Amps :** 100-1500watts

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



S C M I 0 0 S E : 3 - w a y a c t i v e / p a s s i v e

Features

- New ATC designed and built 25mm Soft Dome tweeter model SH25-76S.
- The Unique ATC 75mm Soft Dome midrange model SM75-150S.
- The latest 314mm short coil super linear magnet Bass Driver model SB75-314SL.
- Fully discrete amplifier for each drive unit combined to create a Tri-amplifier of 350 watts with active crossover filters, phase correction and overload protection.
- Accurate timbre, wide dispersion and perfect imaging.
- Any veneer to order.
- Choice of top brow finish and colour detail.
- 6 year warranty.

Specifications

Drivers : HF 25mm, Mid ATC 75mm Soft Dome, LF 314mm SL
Frequency Response (-2dB) : 65Hz-17kHz
Frequency Response (-6dB) : 32Hz-25kHz
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 : 200w LF, 100w Mid, 50w HF
Loudspeaker Dimensions (HxWxD) : 1150 x 419 x 585mm
Weight : 79kg

Passive version

Sensitivity : 88db@1watt@1 metre
Loudspeaker Dimensions (HxWxD) : 1150 x 419 x 592mm
Weight : 74kg **Suitable Amps :** 100-1500watts

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S C M I 5 0 S E : 3 - w a y a c t i v e / p a s s i v e

Features

- New ATC designed and built 25mm Soft Dome tweeter model SH25-76S.
- The unique ATC 75mm Soft Dome midrange model SM75-150S.
- The latest 375mm short coil super linear magnet Bass Driver model SB75-375SL.
- Fully discrete amplifier for each drive unit combined to create a Tri-amplifier of 350 watts with active crossover filters, phase correction and overload protection.
- Accurate timbre, wide dispersion and perfect imaging.
- Any veneer to order.
- Choice of top brow finish and colour detail.
- 6 year warranty.

Specifications

Drivers : HF 25mm, Mid ATC 75mm Soft Dome, LF 375mm SL
Frequency Response (-2dB) : 60Hz-17kHz
Frequency Response (-6dB) : 25Hz-25kHz
Matched Response : +/- 0.5dB
Dispersion : ±80° Coherent Horizontal, ±10° Coherent Vertical
Max SPL : 117dB
Crossover Frequencies : 380Hz & 3.5kHz
Connectors : Male XLR
Filters : All active
Amplifier Output : 200w LF, 100w Mid, 50w HF
Loudspeaker Dimensions (HxWxD) : 1205 x 533 x 634mm
Weight : 97kg

Passive version

Sensitivity : 91db@1watt@1 metre
Loudspeaker Dimensions (HxWxD) : 1205 x 533 x 640mm
Weight : 93kg **Suitable Amps :** 100-1500w

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A C T I V E v s P A S S I V E

Active amplification has many advantages:

- A dedicated amplifier for each frequency band
- Active crossover filters with phase correction
ensuring accurate timbre, excellent imaging and source location
- A flat magnitude response that is not changed with power input level
- A 20dB improvement in intermodulation distortion
- Better controlled low frequency
- A greater dynamic range for the same input power



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