



S C M I 5 0 A S L T Limited Edition



SCM150ASLT Limited Edition

AN EXCLUSIVE 3-WAY ACTIVE LOUDSPEAKER REPRESENTING THE PINNACLE OF ATC ENGINEERING, CRAFTSMANSHIP & PERFORMANCE

From modest beginnings since its inception in 1974, ATC has grown to become one of the very few manufacturers enjoying success and recognition across both domestic and professional audio. By selecting ATC you join a group of music lovers, professional audio engineers, educators, studios and musicians across the world that understand the value of the engineering that goes into every ATC loudspeaker and electronic component.

Few ATC products better represent our quest for acoustic engineering innovation and excellence than the SCM150ASLT Limited Edition floorstanding active 3-way loudspeaker, an exclusive system representing the pinnacle of ATC engineering, craftsmanship and performance.

With production being strictly limited to just twenty-two pairs worldwide, each is individually hand-built in England to exacting tolerances. As you might expect, this exclusive new model raises breathtaking performance to a level that only ATC's legendary drive unit and electronics design can achieve: naturally sounding, effortless power delivery combined with wide, even dispersion for pin-point imaging being key characteristics.

Each enclosure is constructed by our own team of cabinetmakers from 18mm MDF and expertly finished in high-gloss, hand-selected European Crown-Cut Walnut real wood veneer. Within the 150 litre enclosure you'll find ATC's latest proprietary drivers: the outstanding SH25-76S tweeter, the highly acclaimed SM75-150 S Soft Dome Mid driver and 375mm SL (Super Linear) Spec Bass driver.

A front-facing port completes the baffle, while a removable cloth grille is also included. PVD-coated stainless steel 'Limited Edition' badging 'signs off' the cabinet's front face. The cabinet sits securely on a fully adjustable spiked plinth that is unique to this limited edition model designed, incidentally, by our Company's founder, Billy Woodman.

At the rear a flush-fitting PVD-coated stainless steel plate can be found incorporating a bespoke LEMO® multi-pin socket for connection to the loudspeakers' outboard tri-amp power pack.

Each pair of loudspeakers is driven by its own distinctively designed dedicated ATC P6 dual-mono 3-way, 6-channel outboard power amplifier. Providing 200W low frequency, 100W mid frequency and 50W high frequency Class AB power to each loudspeaker, the P6 features ATC's own 3-way electronic crossover incorporating phase correction and momentary gain reduction. Amplifier/loudspeaker connection is via aerospace-grade LEMO® connectors and custom ATC cabling (supplied to customer specification).

By combining our unique acoustic and electronics engineering capability with exquisite cabinetmaking, the Limited Edition SCM150ASLT active provides a rare, once-in-a-lifetime opportunity for twenty-two lucky hi-fi enthusiasts to enjoy a very special connection with our Company's treasured heritage.

Built to give a lifetime of service and musical pleasure, as with all ATC products, your SCM150ASLT Limited Edition system will be supported by a 6 year warranty.



WORLD-CLASS
LOUDSPEAKER
DESIGN
AND
ELECTRONICS
INNOVATION
IN PARTNERSHIP

SCM150ASLT
LIMITED EDITION

OVERVIEW

■
This Limited Edition of just 22 pairs redefines music reproduction in the home. Exquisitely finished and offering true full range sound, the combination of world-class transducer and electronic design engineering delivers a staggering level of clarity, neutrality, transient response and power delivery that's simply effortless.

FEATURES

- ATC SH25-76S (S-SPEC) Tweeter.
- ATC SM75-150 S Soft Dome Mid driver.
- Latest ATC 375mm SL Spec Bass driver.
- Massive ATC motor assembly.
- Wide, even dispersion for pin-point imaging.
- 6 year warranty.
- Hand-selected European Crown Cut Walnut real wood veneer in high gloss finish.

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

Specifications

Drivers : **HF :** SH25-76S 25mm Dual Suspension Tweeter
MF : SM75-150S Super Dome Mid-Range Driver
LF : SB75-375SL Super Linear Bass Driver

Amplitude Linearity (±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 : LEMO aerospace-grade

Cabinet Dimensions (HxWxD) : 1395x606x626mm / 54.9x23.9x24.6" (inc. plinth and spikes)

Overall Weight : 146kg / 321.8lbs (inc. shipping crate), 116kg / 255.7lbs (approx exc. shipping crate)



PROPRIETARY DRIVERS THROUGHOUT : SIX YEARS IN THE MAKING, ATC'S NEW SH25-76S TWEETER IS UNUSUAL GIVEN ITS SIZE, BEING A DUAL SUSPENSION DESIGN, EMPLOYING BOTH AN UPPER AND LOWER SUSPENSION. JOINING IT IS THE COMPANY'S SM75-150 S SOFT DOME MID AND LATEST 375MM SL SPEC BASS DRIVER

PLINTH : DESIGNED BY ATC FOUNDER AND CHIEF PRODUCT DESIGNER, BILLY WOODMAN, INCORPORATES PVD-COATED STAINLESS STEEL, A BEAUTIFUL HARD WEARING AND DISTINCTIVE FEATURE THAT IS CARRIED OVER TO THE LOUDSPEAKER'S BADGING AND REAR PANEL (PICTURED ABOVE RIGHT)



P 6

OVERVIEW

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This high-performance Class AB dual mono power amplifier has been designed to provide dedicated amplification and optimally matched active crossovers for the SCM150ASLT Limited Edition loudspeaker.

FEATURES

■
Dual-Mono 3-way design (total 6 channels).

■
2 x 350W total output power:
2x (200W LF, 100W MF, 50W HF).

■
Ultra low noise discrete design throughout.

■
3-way active crossovers with phase equalization.

■
Billet and extruded aluminium chassis construction.

■
6 year warranty.

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without prior notice.

Specifications

Output Power/Stereo Ch. (RMS) : HF : 50 watts into 6 ohms, MF : 100 watts into 16 ohms, LF : 200 watts into 8 ohms.

Input Sensitivity : 1V RMS

Input Impedance : 5k ohms

Frequency Response : 5Hz – 200KHz ±0.1dB (ignoring mid amp filters)

Signal/Noise Ratio : Better than 105dB

TDH : Better than 90dB/0.0032%

Filters : All active with overload protection

Power Requirements : Voltage: 110, 115, 230 (factory set)

Frequency : 50/60Hz (region dependent, factory set)

Dimensions (HxWxD) : 427x634x318mm / 16.8x25.9x12.5"

Weight : 50.5kg / 111.1lbs

Power Requirements : Voltage : 110, 115, 230V (factory set), **Frequency :** 50/60Hz (factory set)



EXCEPTIONAL CLARITY :
P6 HAS A HIGH SIGNAL TO NOISE RATIO OF MORE THAN 105 DECIBELS WHICH, PAIRED WITH THE ULTRA LOW NOISE DISCRETE DESIGN THROUGHOUT, PROVIDES CLEAR AND DETAILED AUDIO REPRODUCTION

REAR PANEL : PROFESSIONAL XLR INPUTS (PREAMPLIFIER/DIGITAL SOURCE), AEROSPACE-GRADE LEMO MULTI-PIN LOUDSPEAKER OUTPUT SOCKETS





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