

**Active 20**

Two-Way 250 Watt Loudspeaker System

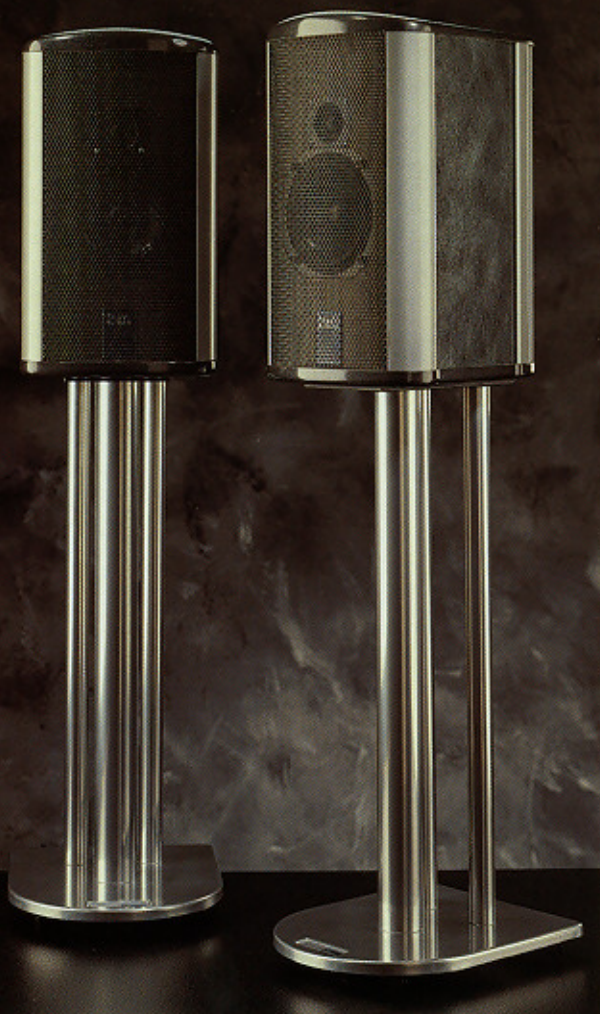


**ACOUSTIC ENGINEERS**



## Active 20

## Specifications



Active 20

### Drivers:

HF	25mm (1")
Mid/LF	75/150mm (3/6")

Amplitude Linearity  $\pm 2$ dB 70Hz - 17kHz

Frequency Response (-6dB free standing) 45Hz & 22kHz

Matched Response  $\pm 0.5$ dB

### Dispersion:

Horizontal	$\pm 80^\circ$ Coherent
Vertical	$\pm 10^\circ$ Coherent

Max continuous SPL @ 1 metre 108dB SPL

Crossover Frequency 2.8kHz via active crossover with time (phase) alignment

Input Connector Male XLR

Input Sensitivity 1V

Input Impedance  $>10k$  ohms balanced XLR

### Amplifier Output:

HF	50 Watts RMS
Mid/LF	200 Watts RMS

Overload Protection Active Momentary Gain Reduction (both amplifiers)

### Power Requirements:

Voltage	100, 115, 230 (factory set)
Frequency	50/60Hz
Power	Nominal 50 Watts, driven 250 Watts

Cabinet Dimensions (HxWxD) 470 x 285 x 395mm

Overall Weight 27kg (60lb)

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

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

## Overview

An established record of success in meeting critical professional demands for accurate stereo and multi-channel sound reproduction has given ATC a unique perspective on loudspeaker design. Both professional and consumer products use identical technology, so you can be assured that the ATC amplifiers and loudspeakers you use at home have the same high performance characteristics as those employed in many leading recording studios.

The new Active 20 epitomises ATC Loudspeaker Technology's enviable reputation for engineering integrity, which provides users with a highly powerful, accurate and reliable product, backed by a 6-year warranty.

The new Active 20 monitor from ATC redefines loudspeaker transparency. It brings professional levels of performance to the home user in all important criteria: transparency, accuracy, dynamics, bandwidth, power handling and high continuous SPLs unequalled by any similar product. The distinctive styling of the Active 20, with its attractive grey laminate and aluminium finish, has been fashioned for absolute structural integrity to eliminate unwanted resonance and vibration. The soft dome tweeter

features a double magnet system, giving an exceptionally smooth and linear frequency response to well beyond 25kHz which will accurately reproduce musical harmonics and soundtrack peaks revealed by DVDA<sup>®</sup>, SACD<sup>®</sup>, Dolby Digital<sup>®</sup> etc. The Active 20 features the latest version of ATC's famous hand-built 150mm (6") bass/mid drive unit which contributes to the system's exceptionally low levels of coloration. 2-way close matching monoblock amplifiers are optimised for each driver bandwidth, with grounded source<sup>®</sup> topology output stages delivering 50watts to the HF driver and 200watts to the bass/mid driver.



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