

# Active 20

Two-Way 250 Watt Loudspeaker System

Active 20

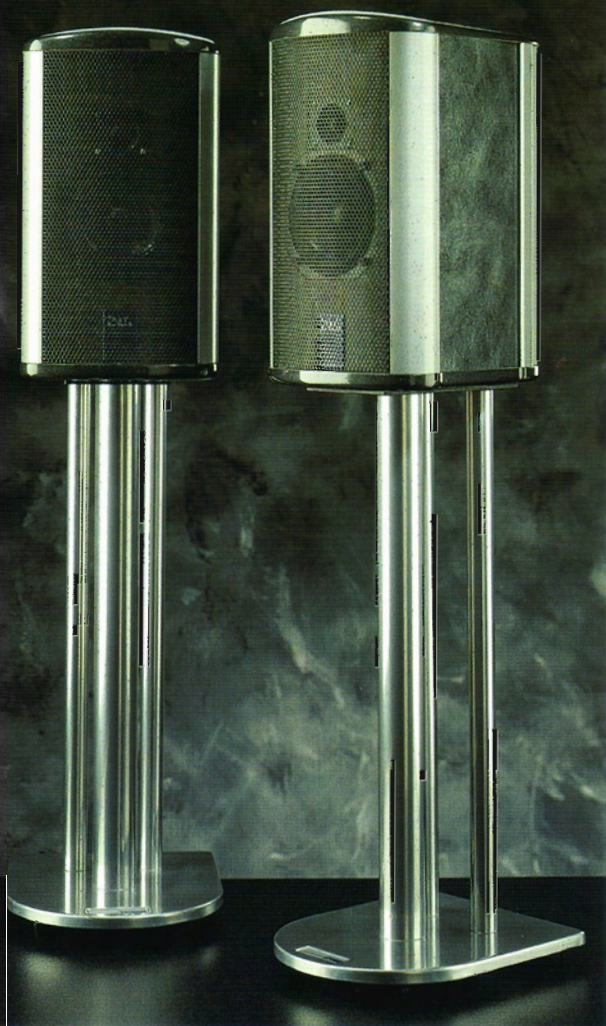


ACOUSTIC ENGINEERS



## Active 20

## Specifications



### Active 20

<b>Drivers:</b>	
HF	25mm (1")
Mid/LF	75/150mm (3/6")
<b>Amplitude Linearity ±2dB</b>	70Hz – 17kHz
<b>Frequency Response (-6dB free standing)</b>	45Hz & 22kHz
<b>Matched Response</b>	+/- 0.5dB
<b>Dispersion:</b>	
Horizontal	±80° Coherent
Vertical	±10° Coherent
<b>Max continuous SPL @ 1 metre</b>	108dB SPL
<b>Crossover Frequency</b>	2.8kHz via active crossover with time (phase) alignment
<b>Input Connector</b>	Male XLR
<b>Input Sensitivity</b>	1V
<b>Input Impedance</b>	>10k ohms balanced XLR
<b>Amplifier Output:</b>	
HF	50 Watts RMS
Mid/LF	200 Watts RMS
<b>Overload Protection</b>	Active Momentary Gain Reduction (both amplifiers)
<b>Power Requirements:</b>	
Voltage	100, 115, 230 (factory set)
Frequency	50/60Hz
Power	Nominal 50 Watts, driven 250 Watts
<b>Cabinet Dimensions (HxWxD)</b>	470 x 285 x 395mm
<b>Overall Weight</b>	27kg (60lb)

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

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## 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®, SACD®, Dolby Digital® 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® topology output stages delivering 50watts to the HF driver and 200watts to the bass/mid driver.



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