

Active 10

Two-Way 250 Watt Loudspeaker System

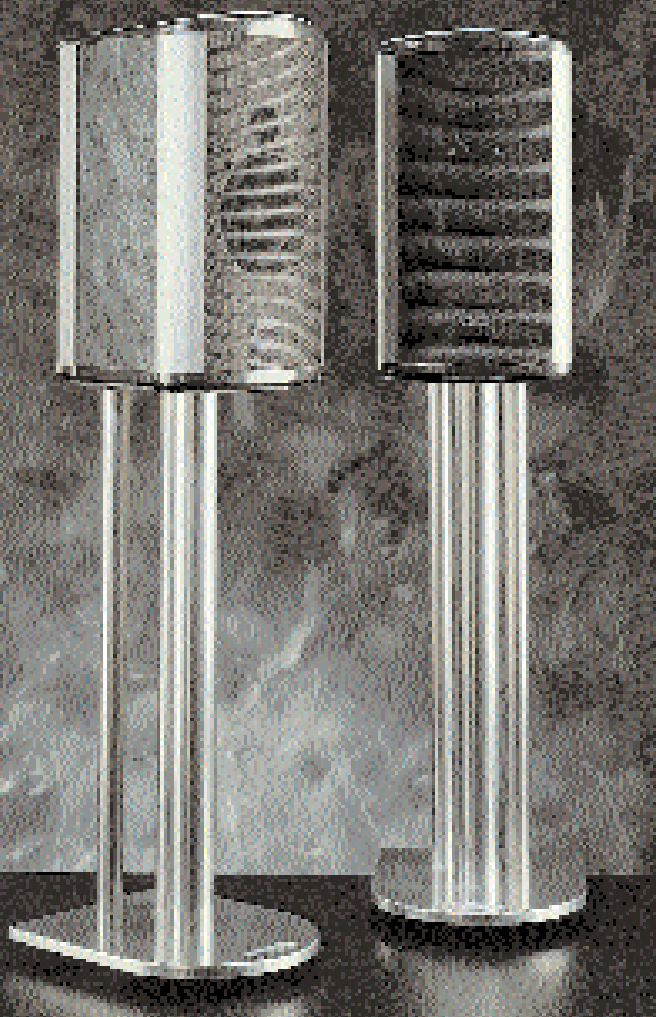
Active 10



ACOUSTIC ENGINEERS

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Specifications



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Drivers:	
HF	25mm (1")
Mid/LF	125mm (5")
Amplitude Linearity ± 2dB	70Hz – 17kHz
Cut-off Frequencies (-6dB free standing)	45Hz & 22kHz
Matched Response	+/- 0.5dB
Dispersion:	
Horizontal	$\pm 80^\circ$ Coherent
Vertical	$\pm 10^\circ$ Coherent
Max continuous SPL @ 1 metre	105dB 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)	390 x 230 x 310mm
Overall Weight	15.5kg (34lb)
Stands/Brackets	Optional matching floor stands and wall brackets are available at extra cost

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

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Overview

As multi-channel systems increase in popularity, it is easy to forget that the basic stereo pair of speakers at the front of the listening area remains an essential element. Existing libraries of recorded music, the commitment of recording companies to stereo in its current form, and the new high resolution digital two-channel formats indicate that stereo will continue to be the main source of recorded music for the foreseeable future. For these reasons ATC still regards the main stereo speaker pair as the foundation on which a high performance multi-channel system can be built. The new innovative Active 10 two-way monitor is an ideal and highly affordable way to establish that foundation.



The ultra-modern Active 10 has been designed to reproduce music in stereo from all sources including the new high bit rate SACD and DVD Audio formats. In this application, this outstanding loudspeaker is ideally suited to the smaller room where boundary effects further enhance an already hugely impressive bass performance. With its powerful 250watts output capable of playing up to 105db, the Active 10 is ideally suited for inclusion within an active 5.1 multichannel loudspeaker system such

as ATC's Concept 2 Multichannel Loudspeaker Collection. Each Active 10 has its own on-board ATC proprietary twin channel amplifier with Grounded Source® output stages and multiple power supply. Critical mid-range reproduction is enhanced by ATC's wide-dispersion 'soft dome' technology that is featured in the Active 10's version of the company's revolutionary 125mm bass/mid-range driver. Weighing in at over 3.5kgs and offering exceptional cone excursion in excess of 20mm, this drive unit sets new standards for mid-range transparency and wide dispersion.

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