

SCM7

Two-Way Loudspeaker System



ATC SCM7



MULTICHANNEL



ACOUSTIC ENGINEERS

## SCM7



## Specifications

### SCM7

<b>Drivers:</b>	
HF	25mm (1") Soft dome (Neodymium magnet)
Mid/LF	125mm (5") Treated polyester weave
<b>Amplitude Linearity <math>\pm 2</math>dB</b>	100 Hz - 16 kHz
<b>Matched Response</b>	+/- 0.5dB
<b>Cut-off Frequencies (-6dB free standing)</b>	60 Hz & 20 kHz
<b>Dispersion:</b>	
Horizontal	$\pm 80^\circ$ Coherent
Vertical	$\pm 10^\circ$ Coherent
<b>Sensitivity (sine wave)</b>	84dB @ 1W @ 1metre
<b>Max continuous SPL @ 1 metre</b>	103dB
<b>Recommended Power Amplifier</b>	50 to 300 Watts
<b>Nominal Impedance</b>	8 Ohms
<b>Crossover Frequency</b>	2.5 kHz
<b>Input Connections</b>	Binding Posts/4mm Plugs (Bi-Wire capable)
<b>Cabinet Dimensions (HxWxD)</b>	300x160x205mm
<b>Overall Weight</b>	7kg (15lb)
<b>Stands/Brackets</b>	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 demand for higher definition dynamic audio reproduction increases, the efforts of the recording industry are often let down by inadequate domestic loudspeaker performance. In the professional arena, ATC has earned an enviable reputation for building monitors that enable sound engineers to explore high definition and dynamic range to the full. However, such performance has only been available at considerable cost. Until now, ATC's new SCM7 monitor brings professional studio performance into the living room... at a truly affordable price level. Extremely dynamic and remarkably accurate, the high definition capability of this diminutive monitor will be welcomed by all who respect the efforts of the engineer.

So how have we done it? The SCM7 employs all the specialist 'soft dome' technology found in the reference systems we build for the recording industry. The high frequency soft dome driver features a 25mm neodymium magnet. The main Mid/LF unit uses a 45mm soft dome grafted onto a 125mm bass cone and comprises a 45mm voice coil that is formed with flat ribbon wire. It is these design features that contribute to the wide bandwidth and exceptional dynamic range of this outstanding

new loudspeaker. The SCM7 also displays horizontal dispersion of  $80^\circ$  coherent, which is essential for stereo and multichannel installations. This technology is manufactured in-house by ATC and provides the backbone of accurate monitoring. The result is a highly musical loudspeaker that has been designed for bookshelf, stand and near-field monitoring locations. Available in real wood veneers and 'professional black' finish, the SCM7 offers all the unique sonic advantages for which ATC speakers are valued the world over at a new competitive price point.



**ACOUSTIC ENGINEERS**

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