

LINN AV 5140 FLOOR-STANDING LOUDSPEAKER TOTAL SOUND

The **Linn AV 5140** loudspeaker is specifically designed to dramatically enhance the performance and enjoyment of audio/visual playback. The **AV 5140** is a high quality floor-standing speaker, which can be used in a wide variety of AV system positions: Built-in magnetic screening allows the AV 5140 to be positioned as close as 50mm to a television set. An elegant, slender speaker this speaker will blend naturally into many different home environments.

The **AV 5140** is the result of critical acoustic and performance considerations. The design of the speaker optimises cabinet geometry and construction, drive unit configuration, cross-over frequency relationships and aerodynamic design of port exits to maximise the performance of A/V playback.

The 18mm high density fibre board cabinet of the **AV 5140** has been radically designed resulting in a minimum of parallel surfaces on the inside of the cabinet to reduce the internal resonance associated with all loudspeakers. The slim front baffle provides good dispersion and high rigidity whilst the wider back of the cabinet allows an eight inch bass unit to be fitted to provide superior bass extension.

Extended bass units provide the low range necessary for A/V. High power handling and wide dynamic range enable it to handle music and AV sound effects without distortion. The front and rear ports ensure optimum air flow while at the same time providing a stylish, timeless and elegant look.

The **AV 5140** is supplied with spikes and base to improve sound quality and provide maximum stability. A full length grille is available as an option.

For more information please contact Linn Products Ltd
Customer Services on Freephone 0500 888 909

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TECHNICAL INFORMATION

Treble Driver

The treble unit has a 19mm ceramic dome tweeter mounted on a diecast face plate, with a ferrofluid-cooled voice coil on a Kapton former which transmits heat to the magnet. The aluminium face plate allows higher power handling. The rear of the tweeter is sealed in its own enclosure to prevent the bass pressure influencing the treble performance.

Midrange Driver

The midrange driver uses a rigid polypropylene cone and an aluminium voice coil former. Magnet assembly increases efficiency allowing maximum amplifier control. There is a long throw voice coil for lower distortion.

Bass Driver

Magnesium alloy diecast chassis providing maximum rigidity. Large high-efficiency magnet assembly providing high sensitivity and bass damping. Aluminium voice coil former for excellent heat dispersion. Four-layer voice coil for improved magnetic coupling. Long throw cone suspension for high sound pressure levels.

Crossover

The crossovers use high specification audio grade capacitors with polypropylene caps for treble, polyester caps for mid-range. High current iron-dust inductors are used to prevent saturation and distortion. Other features include: heavy copper tracks for low resistance and signal integrity; high strength glass fibre circuit boards. Input sockets are soldered directly to board to reduce contact resistances. Second order electrical response for treble, mid-range and bass. All drive units individually soldered to crossover cables.

Technical Specifications

Volume	42 Litres
Frequency Response	30 Hz to 20 Khz
Height	980mm
Width (front)	170mm
Width (rear)	235mm
Depth	320mm
Input Impedance	4 Ohms
Efficiency	90dB for 1W at 1m (1Khz)
Minimum Amplifier Power	60W / 4Ohms
Weight	21.5 Kilos