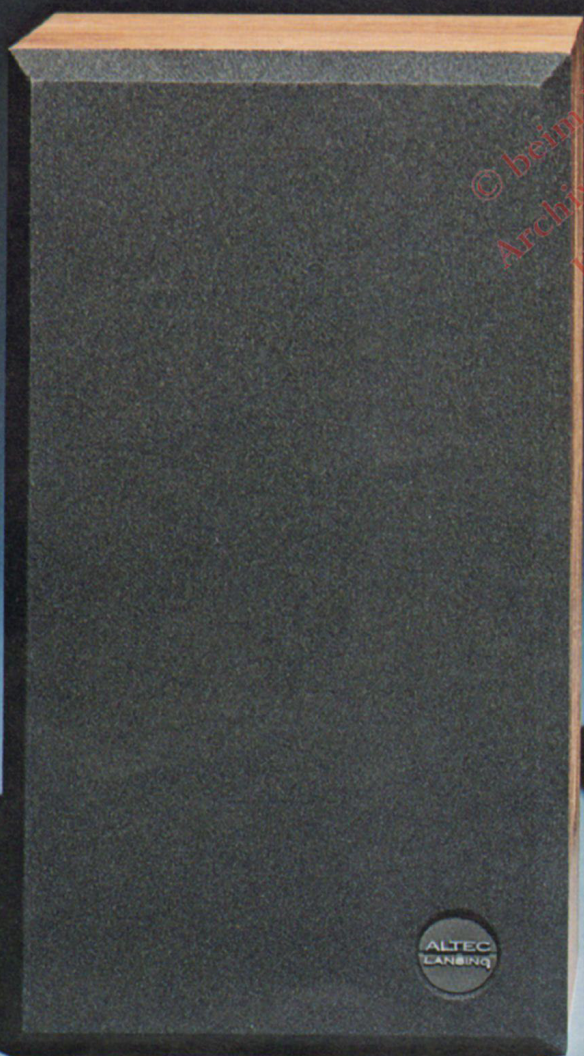




five



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Archiv Michael Otto
HiFi-Classic.de

model five

The Model Five utilizes a novel technique: It employs three drivers in a two-way system; a single bass driver, but two drivers for high frequencies instead of one. The result is increased midband sensitivity, 91.5 dB SPL at 4 feet, which is quite high for a speaker system in the Five's price range. And, since the high-frequency energy is evenly divided between two drivers instead of just one, system power capacity is increased over single driver designs. The drivers are positioned on the baffle in a manner that produces uniform dispersion and an accurate stereo image whether the cabinet is placed vertically or horizontally.

The vented enclosure and 12-inch bass driver combine to produce excellent low-frequency energy response to 45 Hz. Fundamentals are tight and clear, with a minimum of distortion, and without doubling or artificially accentuated upper bass frequencies. The Five eliminates the "boominess" so prevalent in other speaker systems in its price range.

The hand-rubbed, genuine oiled walnut cabinet is tastefully styled with finished baffle and removable knit grille.

SPECIFICATIONS:

SPEAKER COMPONENTS—

LOW FREQUENCY: 12" bass driver
HIGH FREQUENCY: 2 each 4" frame cone drivers

NOMINAL IMPEDANCE: 8 ohms

CROSSOVER FREQUENCY: 1500 Hz

ENCLOSURE TYPE: Vented

SENSITIVITY: 91.5 dB SPL

Measured at 4 feet, 1 watt input referenced to 8 ohms, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.

FREQUENCY RESPONSE: 45 Hz to 20 kHz

DISPERSION: 90° at -6 dB vertical
120° at -6 dB horizontal
Measured with pink noise limited to a bandwidth of 800 Hz to 8 kHz at a distance of 4 feet.

LONG TERM BROAD BAND MAXIMUM POWER:

45 watts

Measured with a source of pink noise limited to the frequency response bandwidth of the system, over an extended time period.

OPERATIONAL POWER RANGE:

12 watts to 150 watts

Recommended for use with amplifiers between these levels.

LONG TERM MAXIMUM ACOUSTIC OUTPUT:

108 dB SPL at 45 watts

Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.

FINISH:

Hand-rubbed oiled walnut

GRILLE:

Acoustically transparent black knit fabric mounted on removable frame

DIMENSIONS:

25½" H x 14½" W x 12" D
(64.8 cm H x 36.8 cm W x 30.5 cm D)

SHIPPING WEIGHT:

38¼ lbs.—17.4 kg

ACTUAL WEIGHT:

32 lbs.—14.5 kg.

ALTEC

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ALTEC CORPORATION
Printed in U.S.A. 1075 10M AL 6039

Model FIVE series II



model five series II

We at Altec Lansing have never believed in adding bells and buzzers to our products and screaming "new." Years of research and refinement go into every product we make to insure genuine innovations and not empty promises.

Case in point: the new Model Five.

The Five utilizes three drivers in a two-way system; a single 12-inch bass driver, but two high-frequency drivers instead of one. The result of this departure from conventional two-way designs is greatly increased mid band sensitivity, 91.5 dB SPL with 1 watt input. Remarkably high for a speaker in the Five's price range.

And there's a bonus. Because the high-frequency energy is divided between two drivers, the power handling capacity of the system is also increased beyond previous designs.

But the improvements go far past just adding another driver. Extensive investigation into enclosure theory and driver positioning has produced a speaker that gives uniform dispersion and an accurate stereo image whether the cabinet is positioned vertically or horizontally. Other research has resulted in a breakthrough in speaker magnet design. Previous designs utilized either an Alnico or a ceramic magnet. Both had their drawbacks. The new Altec Lansing hybrid magnet combines the advantages of both while minimizing the disadvantages. The result is better sound that doesn't deteriorate.

Bass response has also been improved. The Five eliminates the "boominess" that most speakers in its class exhibit. The vented enclosure and 12-inch bass driver combine to produce excellent low-frequency response to 45 Hz. Fundamentals are tight and clear, with a super-clean, distortion-free response.

The Model Five. An unusual speaker system full of genuine innovations. Anything less just wouldn't be our style.

Specifications:

Speaker Components—

Low Frequency:	12" bass driver
High Frequency:	2 each 4" frame cone drivers
Nominal Impedance:	8 ohms
Crossover Frequency:	1500 Hz
Enclosure Type:	Vented
Sensitivity:	91.5 dB SPL

Measured at 4 feet, 1 watt input referenced to 8 ohms, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.

Frequency Response: 45 Hz to 20 kHz

Dispersion: 90° at -6 dB vertical
120° at -6 dB horizontal
Measured with pink noise limited to a bandwidth of 800 Hz to 8 kHz at a distance of 4 feet.

Long Term Broad Band

Maximum Power: 45 watts
Measured with a source of pink noise limited to the frequency response bandwidth of the system, over an extended time period.

Amplifier Operating Range: 12 watts to 150 watts
Recommended maximum and minimum amplifier power⁽¹⁾.

Long Term Maximum Acoustic Output: 108 dB SPL at 45 watts
Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.

Finish: Hand-rubbed oiled walnut

Grille: Acoustically transparent black knit fabric mounted on removable frame

Dimensions: 25½" H x 14½" W x 12" D
(64.8 cm H x 36.8 cm W x 30.5 cm D)

Shipping Weight: 38¼ lbs.—17.4 kg

Actual Weight: 32 lbs.—14.5 kg.

(1) Amplifier operating range is for amplifier selection guidance only. Do not mistake it for the speaker's power capacity. Refer to full line catalog for clarification.





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SPECIFICATIONS:

SPEAKER COMPONENTS—

LOW FREQUENCY: 12" bass driver

HIGH FREQUENCY: 2 each 4" frame cone drivers

NOMINAL IMPEDANCE: 8 ohms

CROSSOVER

FREQUENCY: 1500 Hz

ENCLOSURE TYPE: Vented

SENSITIVITY:

Measured at 4 feet, 1 watt input referenced to 8 ohms, using pink noise which has been limited to a bandwidth of 500 Hz to 3 kHz.

91.5 dB SPL

FREQUENCY

RESPONSE: 45 Hz to 20 kHz

DISPERSION:

Measured with pink noise limited to a bandwidth of 800 Hz to 8 kHz at a distance of 4 feet.

90° at -6 dB vertical
120° at -6 dB horizontal

LONG TERM BROAD BAND MAXIMUM POWER:

45 watts

Measured with a source of pink noise limited to the frequency response bandwidth of the system, over an extended time period.

OPERATIONAL POWER RANGE:

12 watts to 150 watts

Recommended for use with amplifiers between these levels.

LONG TERM MAXIMUM ACOUSTIC OUTPUT:

108 dB SPL at 45 watts

Measured with a source of pink noise limited to the frequency response bandwidth of the system at a distance of 4 feet.

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