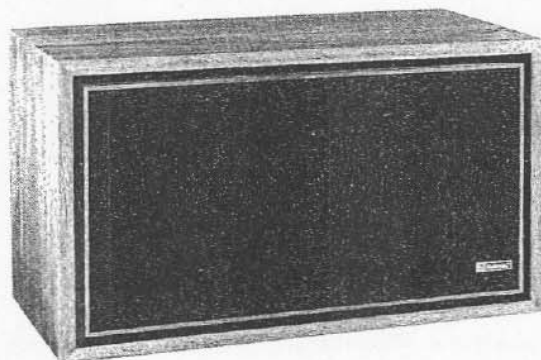




DESCRIPTION

In the decade since the introduction of compact speaker systems, performance has improved dramatically through a series of subtle refinements in materials, engineering knowledge, and production techniques. The result of this continuing advancement has been progressively better sound at ever lower costs, and the E-V NINE loudspeaker system is a case in point.

An acoustic suspension woofer must have an extremely low free-air resonance so that the additional restoring force of the air sealed in the enclosure will raise the operating resonance to the desired frequency. The E-V NINE woofer has a free-air resonance of 20 Hz. A sealed, half-roll surround maintains precise alignment of the cone without unnecessarily raising the resonance. A 6-pound magnet structure assures adequate efficiency for even low-power amplifiers and maintains excellent transient response, even at resonance.

Often overlooked in early acoustic suspension systems was mid-range performance. Because the ear is most sensitive in the middle portion of the spectrum, however, considerable time was spent perfecting this portion of the E-V NINE design. The 5-inch speaker employed was designed specifically to reproduce a range of less than 2 octaves, and to do it precisely and efficiently. The result is clean, clear reproduction of the "presence" range, which contributes to the life and vibrancy of reproduced speech and music.

From approximately 2 octaves above middle C, to the limit of audibility, a special 3-inch cone tweeter provides

the sparkle and brilliance so necessary for satisfying musical reproduction. The use of a relatively large diameter cone maintains the necessary efficiency down to the lower limit of the tweeter's range. However, unlike some tweeters, the flat-cone geometry and hard-surface dome maintain wide dispersion for complete coverage of the listening area.

A deluxe LCR crossover controls the input to each of the drivers and provides adjustment of high-frequency response to match listening room acoustics. The crossover and all components are tested individually, and then again as a complete system, to assure laboratory standard performance.

The E-V NINE enclosure integrates the requirements for acoustical excellence with the techniques of fine furniture construction. All four sides are finished in genuine oiled walnut veneer to allow use in either vertical or horizontal position. The nameplate may be rotated for vertical placement.

SPECIFICATIONS

Frequency Response:	30 to 20,000 Hz
Nominal Impedance:	8 ohms
Power Handling Capacity,	
Program:	35 watts
Peak:	70 watts
Dimensions:	13½" H x 24" W x 11½" D
Finish:	Oiled Walnut Veneer
Shipping Weight:	44 pounds

PLACEMENT

The E-V NINE may be placed on a table, shelf, or on the floor. Generally however, the most realism will be obtained if its height from the floor is near the listener's ear level. The E-V NINE performs equally well placed in a horizontal or vertical position. The nameplate may be rotated to accommodate either placement.

The above comments apply also to stereophonic placement. Additionally, however, the two systems should be far enough apart to permit listeners to sit at the apex of a thirty- to forty-degree angle, as illustrated in Figure 2. A distance of six to eight feet between stereo speakers will, in most rooms, provide natural separation. Placing the loudspeakers too close together or listening at too great a distance will destroy the stereo effect, and the sound heard will be essentially monophonic. Extreme spacing between speakers or listening at too short a distance will produce exaggerated and unreal separation. In long rooms, the loudspeakers should be placed along one of the short walls facing into the long room dimension. This improves bass reproduction and provides good stereo listening over most of the room.

AMPLIFIER CONNECTIONS

The E-V NINE has a nominal impedance of eight ohms. Connections should be made between the left terminal (T1) and the amplifier 8-ohm terminal; the right terminal (T2) should be connected to the amplifier "common" terminal (sometimes referred to as "O" or "C"). Connections should be made with No. 18 or larger wire; common zip- or lamp-cord is satisfactory. If the speaker leads are to be run behind a molding strip or under a carpet, TV twin lead may be used.

ADJUSTMENT OF BALANCE CONTROL

The E-V NINE is equipped with a continuously-variable balance control to adjust the high-frequency response of the system to varying acoustical environments. The "normal" position, indicated on the control, should be correct in most instances. Acoustically "hard" or "live" rooms may require a retarded setting of the control to compensate for the greater amount of high-frequency reflection. In "soft" or "dead" rooms with carpeting, soft furniture, and draperies, an advanced setting of the control will normally be required. The best guide to setting the control properly is a familiarity with the sound of live music. That position of the control which provides the musical balance most pleasing to you is correct.

CUSTOMER SERVICE

Your E-V NINE system has been packed to provide protection well in excess of shipping requirements of the Interstate Commerce Commission. If shipping damage occurs, contact the dealer from whom the unit was purchased, or the carrier, and request inspection and further instructions.

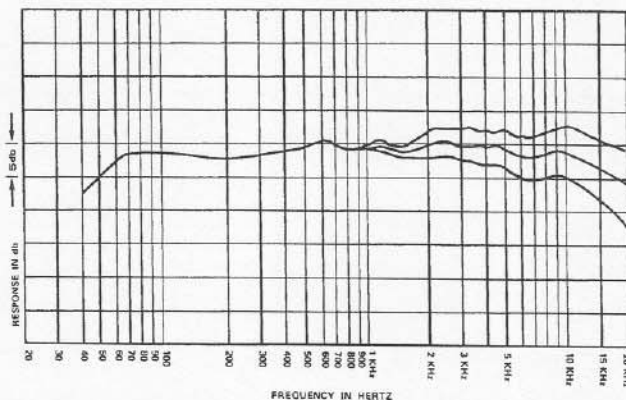


Figure 1 — Representative frequency response and range of balance control action.

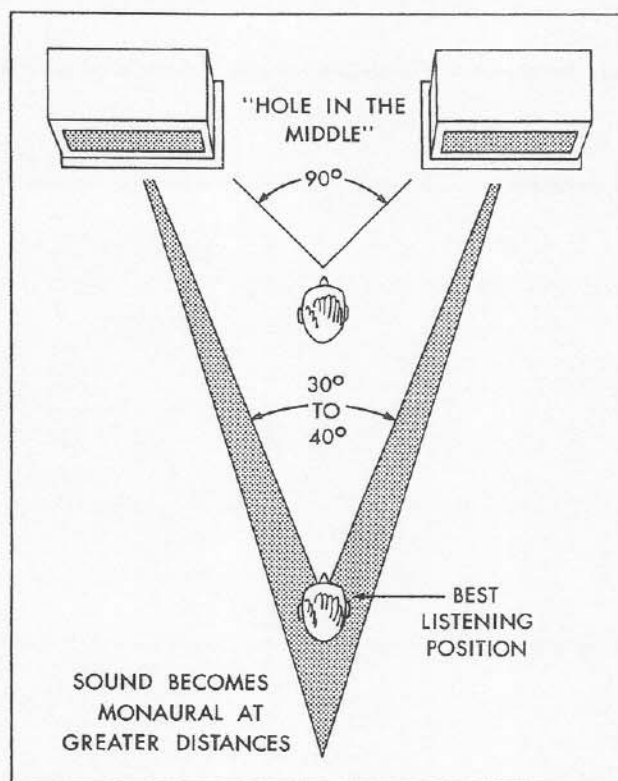


Figure 2 — Placement for Stereo

GUARANTEE

Your Electro-Voice speaker system is guaranteed for five years from date of purchase against failures due to defects in material or workmanship. Within this period, Electro-Voice will repair or replace (at our option) any defective system delivered to us or our service agency. The unit will be returned prepaid and without charge for material or labor. Excluded from this guarantee are finishes, and failures caused by shipping damage or physical abuse. Operation under conditions other than those encountered in typical installations, operation in excess of specified ratings, or repair by other than Electro-Voice or its authorized service agencies will void this guarantee. Should difficulty occur, contact the Electro-Voice Service Manager for instructions.