

FEATURES

- Two separate component quality drivers for wide range, low distortion
- Fine furniture cabinetry finished on four sides
- Acoustic-suspension design for extended bass response

DESCRIPTION

The Electro-Voice model E-V SEVEN system is a carefully designed two-way reproducer offering outstanding performance in an enclosure of surprisingly modest demensions. Lower distortion and wide frequency range are achieved by the use of two separate drivers, each handling a special portion of the audible spectrum. The componentquality 8-inch woofer features such refinements as Alnico V magnet, precision-wound voice coil, and a linear suspension which allows long, yet carefully controlled, excursions.

Frequencies above 2000 cps are handled by a threeand one-half inch specially-constructed, cone-type tweeter which provides exceptionally smooth treble response without undesirable harshness. Excellent high-frequency dispersion insures lifelike realism, especially when the E-V SEVEN is used in stereo applications. A two-way electrical crossover provides smooth transition from one driver unit to the other. Finest quality components including encapsulated inductors are employed for maximum power handling capacity and crossover frequency accuracy.

The attractive E-V SEVEN enclosure is rigidly constructed throughout and is handsomely finished in walnut on all four sides. The nameplate may be rotated to permit either horizontal or vertical placement.

SPECIFICATIONS

Frequency Response: Nominal Impedance:

Power Handling Capacity

Program: Peak:

Dimensions:

Finish: Shipping Weight: 50 to 15,000 cps

8 ohms

25 watts 50 watts

10" h X 19" w X 9" d

walnut 23 pounds

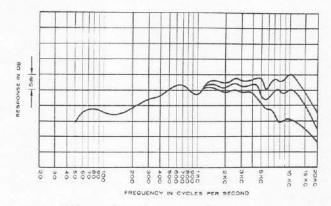


Figure 1 - Frequency Response

PLACEMENT

The E-V SEVEN 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. Placement in a room corner assures maximum efficiency and bass

reproduction, since the room walls are made an integral part of the system, acting as the sides of a large horn. The E-V SEVEN performs equally well placed in a horizontal or vertical position and 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. A distance of six to eight feet between stereo speakers will, in most rooms, provid natural separation. Placing the loudspeakers to, close together or listening at too great a distance will destroy the stereo effect, and the sound heard by the listener 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.

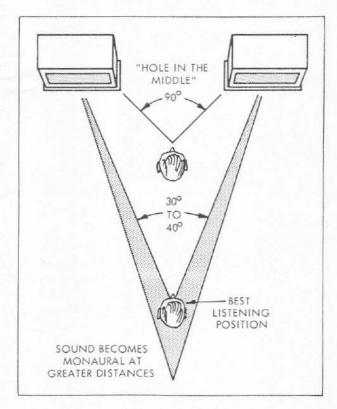


Figure 2 - Placement for Stereo

AMPLIFIER CONNECTIONS

The E-V SEVEN 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 quite satisfactory. If the speaker leads are to be run behind a molding strip or under a carpet. 300-ohm TV twin lead should be used.

ADJUSTMENT OF BALANCE CONTROL

The E-V SEVEN is equipped with a continuouslyvariable 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 satisfactory to you is correct.

CUSTOMER SERVICE

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

The E-V SEVEN is guaranteed indefinitely against defects in original workmanship and materials. If your system becomes damaged or develops faulty operation from unusual conditions of use, write to the Electro-Voice Service Department requesting return authorization and shipping instructions. Be sure to mention the make and model number of the other components used in your system.

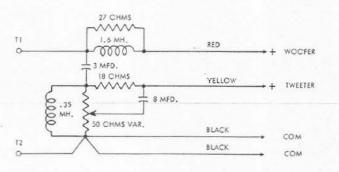


Figure 3 - Schematic Diagram