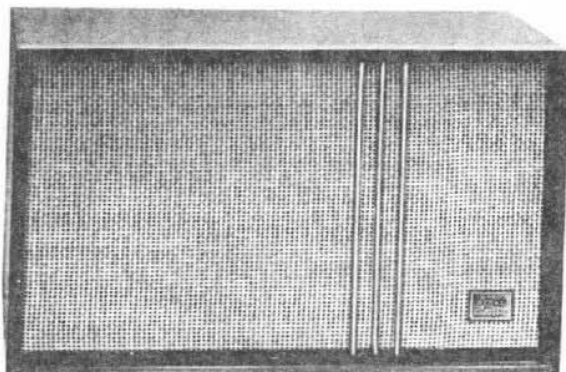




The new Electro-Voice Regal 300 is a 3-way low-resonance system which, despite its ultra-compact design, provides exceptionally wide-range response. It contains a special 12" woofer, the Electro-Voice 12WS, utilizing a five pound ceramic magnet; an 8" mid-range cone-type speaker, with a 1 lb. 6 oz. ceramic magnet; and a compression-type VHF driver. These features make it an excellent choice for either monaural or stereo reproduction.

Constructed of fine hardwood veneers, the Regal 300 is finished on four sides to allow use in either vertical or horizontal position. The nameplate may be rotated for vertical placement. The use of heavy, vibration-free 3/4" panels gives the Regal 300 unusual rigidity.

SPECIFICATIONS

Nominal Impedance:	8 ohms
Power Handling Capacity:	70 watts program
Frequency Response Range:	32-19,000 cps., + 5 db
Components:	12WS woofer, 8" extended range speaker, compression high-frequency driver; crossover network, and two level controls.
Size:	13" D., 14" H., 25" W.

PLACEMENT

Nearly all speaker systems sound best when placed in or near the corner of the room in which it is to be used. This positioning provides the best coupling between the speakers and the air in the room, the corners and walls acting as a large "horn" for the sound. The small size of the Regal 300 also makes it ideal for bookshelf placement. Best height is at the listener's ear level. Four small self-adhesive pads are provided to protect the bottom face of the cabinet.

OPERATION

CONNECTIONS

Connection of your Regal 300 to the amplifier should be made with No. 18 or larger wire (common lamp cord is good). If you wish to run the lead between amplifier and speaker farther than thirty feet or to run it behind a moulding strip or under a carpet, use 300-ohm TV twin lead. Connect to the 8-ohm and common taps on the back of the amplifier. If the amplifier has a variable damping factor control, set it at 1. Be certain that these connections are secure.

LEVEL CONTROLS

Your Regal 300 is equipped with two controls, midrange or "presence" adjustment and a "brilliance" control, both of which are on the rear panel. Set presence control at "normal" position unless the unit is to be matched in a stereo arrangement with a speaker of differing efficiency.

Brilliance control setting should usually be at "normal", but this may be adjusted to suit the acoustics of the room in which it is used. A simple, convenient way to adjust the high-frequency level control is to tune in a live FM broadcast and listen closely to the announcer's voice, adjusting so the "s" and "t" sound are no more prominent in the announcer's speech than they are in yours; such an adjustment will generally be quite satisfactory. Too high a setting of the high-frequency control will be audible as a bright, "metallic" sound. The

FEATURES

- Three-speaker system offers balanced response, wide range
- Finished on four sides for vertical or horizontal placement
- Enclosure of 3/4-inch hardwood veneers

best guide, of course, to proper setting of the control on the speaker system, is a familiarity with the sound of live music. Most listeners will find it easy to balance the sound to conform to their personal tastes.

STEREO OPERATION

Your Regal 300 is designed for professional quality sound reproduction. The same performance features which make this unit outstanding for monaural reproduction will also give superb performance in stereophonic array.

The wiring connections for a pair of Regal 300's in stereo are shown in Fig. 1. When connecting, be sure to run the lead from T1 on the Regal 300 to the 8-ohm terminal on the amplifier and from T2 on the Common terminal. With this connection both units will then be phased correctly.

PLACEMENT FOR STEREO

When arranging a pair of Regal 300's in stereo array, the units should be placed at positions which allow the listener to sit at the apex of a 30° to 40° angle, as shown in Fig. 2. This will provide the best stereophonic effect. If this placement is not possible, you may, by experiment, use room reverberations to advantage in finding other desirable positions.

SPEAKER SERVICE

Your Regal 300 system is guaranteed indefinitely against defects in workmanship and materials. Should it become damaged or develop faulty operation from unusual conditions of use, Electro-Voice maintains a complete service department to return equipment to factory-new condition. If it becomes necessary to return the equipment for repair, please write for authorization and shipping instructions.

TECHNICAL SERVICE

The distributor from whom you purchased your equipment knows thoroughly the application of Electro-Voice products and high-fidelity techniques. His advice on the installation of Electro-Voice components and on the selection of associated high-fidelity equipment will be invaluable. Technical problems which cannot be answered locally may be referred to:

Manager, Consumer Products Division
Electro-Voice, Inc.
Buchanan, Michigan

When writing, please list the manufacturer and model number of all components used in your high-fidelity system.

Shipping Damage: Your Regal 300 is packed to provide protection well in excess of shipping requirements of the Interstate Commerce Commission. If shipping damage occurs, contact the carrier, requesting inspection and instructions.

Date Code Number: The date code is noted on your warranty registration card. The number indicates type, style, and date of manufacture of the unit. Always use this number in your correspondence.

Warranty Card: To register your Regal 300, fill out the Warranty Registration Card and send it to the factory within ten days after your purchase.

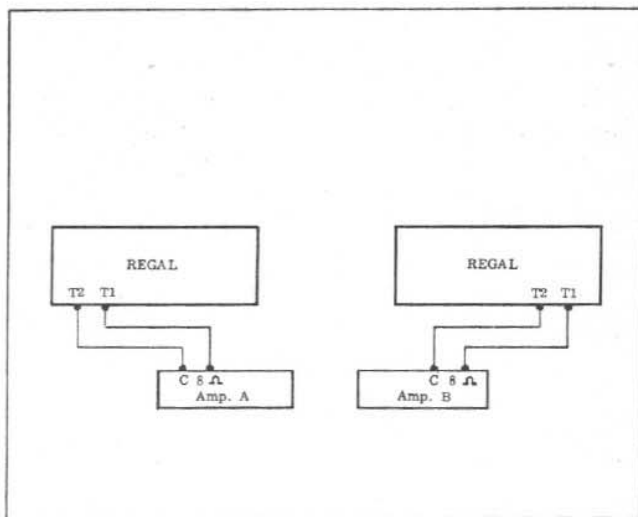


Figure 1 — Stereo Connection

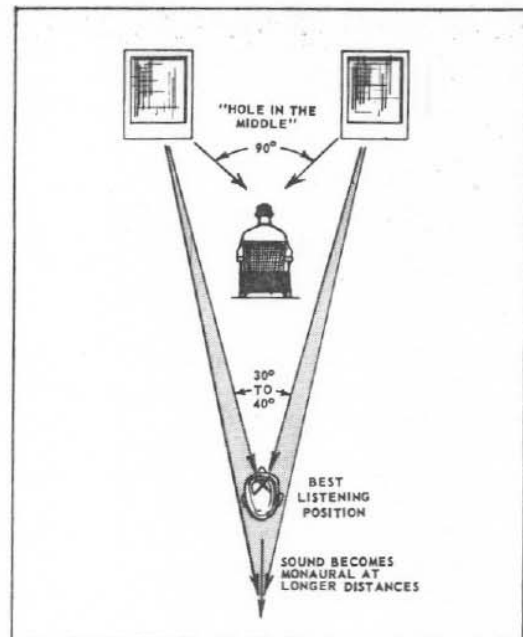


Figure 2 — Placement for Stereo

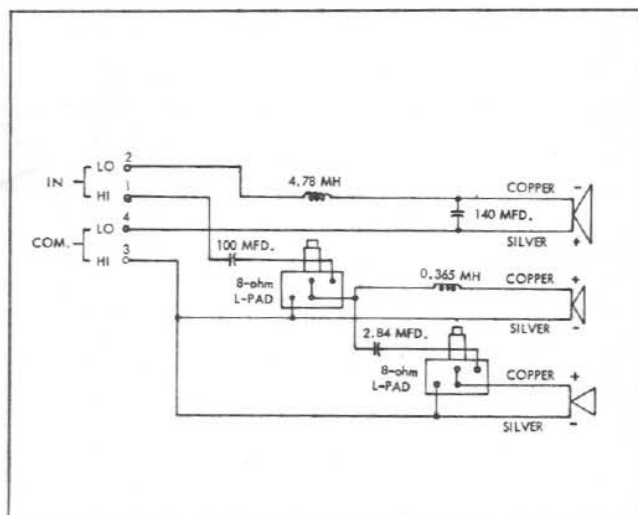


Figure 3 — Schematic