



MODELS 50 - 100 - 150

INSTRUCTIONS

In order to take full advantage of the characteristics of your new EPI speaker, some attention must be given to proper installation. To assist you we offer the following advice:

Room Placement

The EPI has a low frequency range extension beyond that of almost all other speakers, even those in a much higher price range. The relative loudness of frequencies below 100 hz is strongly affected by how close the speaker is to the interior room surfaces. The strongest bass is achieved by placing the speaker in a three sided corner, for example, on the floor in a corner. The weakest bass is achieved by placing the speaker away from any wall, for example, on a table in the middle of the room. The most linear response is achieved with the speaker in a two surface corner, for example, on a bookshelf but in a corner, or on the floor against a wall, but not in a corner.

For best dispersion and best stereo effect, the two speakers should be placed symmetrically in the room and facing each other. It should be borne in mind that soft surfaces such as rugs and stuffed furniture absorb high frequency energy more markedly than low frequency energy. Therefore, the speaker will sound brighter or sharper in a room of all hard walls and surfaces compared to what it sounds like in a room with drapes, rug, furniture, and people.

Wiring

The connection to your amplifier or receiver should be made with a two conductor coded wire. Common lamp cord (zip cord) is very good for this purpose. The coding may consist of a ridge on the insulation of one wire, a stripe, or anything that will enable you to identify one of the two conductors. This coding is important to insure that speakers in a stereo pair operate in phase with each other. Basically this means that when one woofer is moving outward the woofer in the other speaker is also moving outward. It is for this reason that the speaker terminals are coded black and red.

Your EPI speaker is equipped with pushbutton terminals. When the colored buttons are pushed, holes are revealed through which the wire leads are inserted. Make sure that all strands are firmly clamped in the terminals. Also see that the insulation of the wire is up close to the terminal so that there is no chance of accidental shorting out to the other terminal. Connect the other end of the wire to the amplifier output terminals. Take note of the coded wire, so that you can

determine which speaker terminal (red or black) is connected to which amplifier terminal (hot or ground, sometimes marked + or -). It does not matter which way it is wired, but it is important that both channels are wired the same way. If you have connected the black speaker terminal to the negative ground of the amplifier on one channel be sure to connect the black speaker terminal to the negative amplifier output of the other channel.

Tweeter Level Control

On the back of each speaker, near the pushbutton terminals, is a rotary control for the output level of the tweeter (EPI tweeters reproduce frequencies from 2,000 to 18,000 hz). Turned in fully counter-clockwise direction the tweeter is completely shut off. When the control is turned in a clockwise direction, the output of the tweeter is increased.

Overall even response (e.g. tweeter matched with woofer) is obtained when the control is turned fully clockwise. This position is recommended by EPI, but the control should be set to suit listener taste.

Note: The Model 50 is not equipped with a level control. This speaker is designed and built to have linear response and will prove entirely satisfactory in most listening rooms. If some compensation is necessary it can be accomplished through the tone controls of your amplifier.

Associated Equipment

Because of the linear response of EPI speakers, any defect in either the program material or associated equipment will be mercilessly revealed. Therefore we strongly recommend the use of associated equipment of the highest quality. Special attention should be placed to the selection of a pickup cartridge. Normally these have a high frequency peak which goes undetected by other speakers. The amplifier should be of high quality with low distortion and at least 20 watts per channel (25 watts IHF or 50 watts peak). A much cleaner sound is obtained if a turntable without rumble is used. (to check this, turn up the volume and put the stylus on a record groove with no sound on it, such as the lead in groove.) If the turntable is properly damped no noise should be played through the speakers even with the volume control turned to your normal listening level.

1. The owner or dealer must request and receive a return authorization label from EPI, One Charles Street, Newburyport, Mass. 01950, prior to returning goods. At the time of requesting the label, indicate the unit serial number (on back) and the symptoms you have noticed.
2. The owner or dealer must ship the returned goods *prepaid* in the appropriate model EPI shipping container using the original inside packing materials.* EPI recommends that individual speakers be returned by truck or United Parcel Service (UPS). Parcel Post or Railway Express Agency (REA) should never be used.
3. Please expect an average of two weeks repair time from day of receipt at factory.

*(Upon request EPI will send the appropriate model shipping carton(s) with packing materials directly from factory for \$2.00).

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