



## **EPI LOUDSPEAKERS, INC.**

A DIVISION OF EPICURE PRODUCTS, INC.

### EPI 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. Ideally, the listener should have a direct line-of-sight between the two speakers. 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.



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### Tweeter Level Control (Models 110, 180 and 250)

On the back of some speakers near the pushbutton terminals is a rotary control for the output level of the tweeter (EPI tweeters reproduce frequencies from 1,800 to 20,000 hz). Turned in fully counterclockwise direction the tweeter is completely shut off. When the control is turned in a clockwise direction, the output of the tweeter is increased.

Linear sound (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.

### 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. 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 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.

### LIMITED SPEAKER WARRANTY

EPI Loudspeakers warrants every EPI High Fidelity Acoustic Suspension Speaker System, purchased from an authorized EPI Dealer, against defects in materials and workmanship. This warranty is good for three years from date of original purchase.

Under this warranty, EPI or an authorized dealer repair station, will repair or replace any defective part and correct any defect in workmanship, without charge for material or labor. Replacement or repairs necessitated by causes other than defective materials (damage from physical abuse) will be billed at manufacturer's cost.

To insure that the terms of this warranty will be met without delay, please fill out and mail the attached warranty card within ten days of the Date of Purchase.



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Should you suspect a defect in your speaker, make sure the trouble does not lie in your tape deck, tuner, amplifier, cartridge, turntable, or wiring. The best test for a defective speaker is to replace it with one which is known to be good, changing the wiring at the speaker terminals. If you hear the same trouble through the good speaker, then the trouble is not in your loudspeaker, but somewhere else in your system. If you are still unsure whether your speaker is defective after the test, have your local dealer determine what is wrong in your hi fi system. You should never try to open the cabinet or remove speakers yourself, since the acoustic seal would be disturbed.

While dealers normally service the speakers they sell, there might be an occasion when you have to return your speaker directly to us. Returning EPI speakers to the factory requires that the owner take the following steps:

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).
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 the factory for \$5.00.)