

MODEL 201 - 201A - 202

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 the 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.

Models 201 and 201A contain two modules each, one of which is mounted in an upward facing plane. This design provides partially reflective sound, using the rear wall and ceiling as primary reflecting surfaces, thus improving sound dispersion. They should be located near, preferably against the rear wall with no obstructions above the speaker.

The Model 202 has the same components as the 201 and 201A, but the woofers are mounted lower to the floor. This enables you to move the speaker out into the room and still maintain normal bass response. In a corner location the 202 will produce window-rattling bass.

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 one of the two tweeters (EPI tweeters reproduce frequencies from 2,000 to 18,000 hz). Turned in fully counter-clockwise direction one tweeter is completely shut off. When the control is turned in a clockwise direction, the output of the tweeter is increased. In the 201 and 201A it is the upward facing module which is affected by this control.

Overall even response (i.e., both tweeters matched with the woofers) 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.

Impedance Switch

Also on the back of each speaker is a switch to control impedance. The two possible positions are 4 and 16 ohms. Select the position which gives the best listening performance of the speaker at high volume. For most transistor amplifiers, the best position will be 16 ohms. For tube amplifiers that allow a choice of output taps, however, select the output taps and speaker switch position that have matching impedance.

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, there will be no sound playing through the speakers even with the volume turned to your normal listening level.



SPEAKER WARRANTY

Epicure Products, Inc. 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 five years from the date of original purchase, except in the case of the Model 50 for which the warranty period is two years.

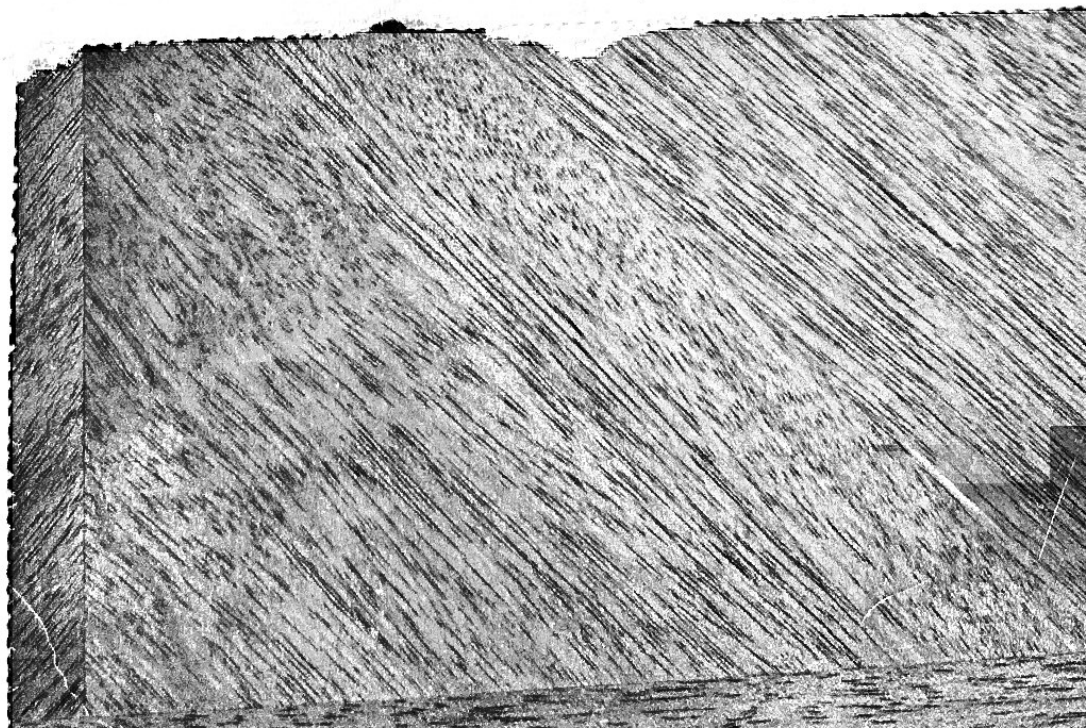
Under this warranty EPI or an authorized dealer repair station, will repair or replace any defective part and correct any defect in workmanship, without charge for material or labor. Replacement or repairs necessitated by causes other than defective materials (Damage from Physical abuse) will be billed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

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.

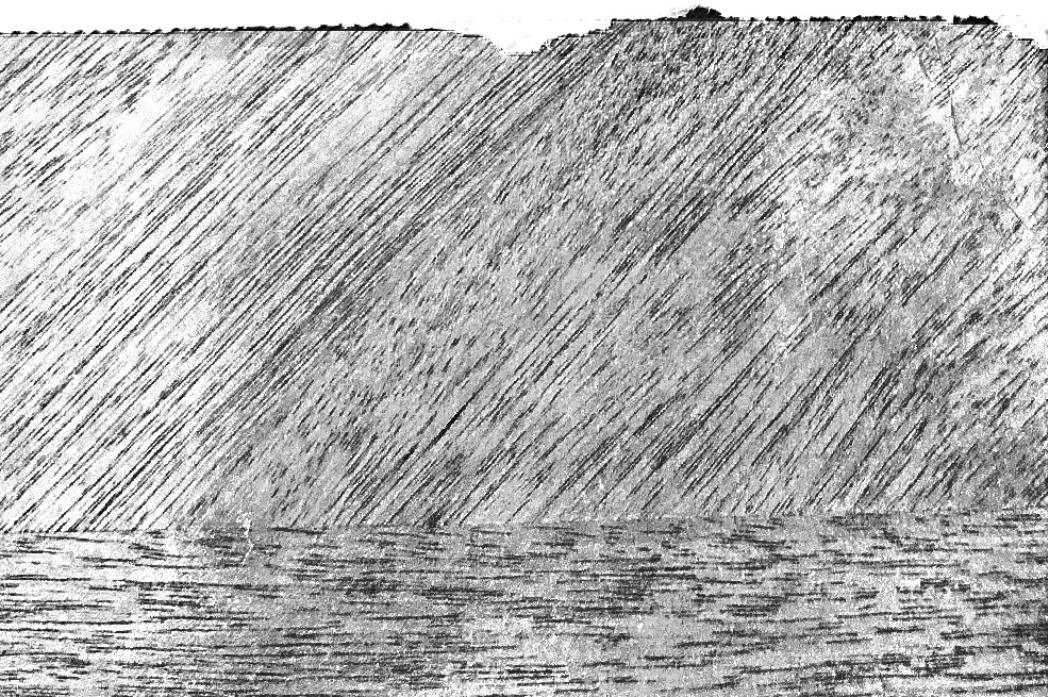
While dealers normally service the speakers they sell, there might be an occasion when you have to return your speaker directly to us. Returning EPI speakers to the factory requires that the owner take the following steps:

(continued on page 4)



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).





EPI SPEAKER BREAK-IN

An EPI loudspeaker, like any high quality mechanism, will give you the best service if it is properly broken in. Careful tests in our laboratory have clearly shown that optimum speaker performance can best be realized by observing the following rules:

1. Limit the power delivered to your new speaker to a low listening level for the first few minutes of operation.
2. Gradually increase the amplifier volume control until you reach the maximum listening level you would normally use. A slow rate of increase, taking at least an hour to reach the final listening level is desirable.
3. After this break-in period you may, of course, operate at any volume you desire, but always avoid driving the amplifier to the point of "clipping". Clipping produces a high level of amplifier distortion and can result in an electronic output considerably higher than the rated power of the amplifier. Clipping is likely to cause speaker damage and sometimes even amplifier damage.
4. In the event a significantly more powerful amplifier is purchased, the same procedure should be used again.

A little patience during this initial use of your new speakers will assure you of years of superior performance.



EPICURE PRODUCTS, INC.

A SUBSIDIARY OF PENRIL CORPORATION

EPI INSTRUCTIONS

Your EPI loudspeakers will sound best with proper installation. Associated equipment, room placement and wiring can all affect the speakers' performance.

ASSOCIATED EQUIPMENT

The linear response, wide bandwidth, and low distortion of your EPI loudspeakers will mercilessly reveal any defect in either the program material or the associated equipment. Therefore, we strongly suggest the use of associated equipment of the highest possible quality. Special attention should be given to the selection of a phono cartridge.

ROOM PLACEMENT

The placement of your speakers in the room, as well as the characteristics of the room itself (size, shape, windows, curtains, carpets, etc.) will affect the overall sound of your EPI loudspeakers. For optimum bass performance, it is suggested that you place the speaker twelve to eighteen inches from the intersection of any two wall surfaces. (Wall surfaces include floors and ceilings as well as any wall). Increased bass response can be obtained by placing the speaker near the intersection of any three wall surfaces.

The characteristics of the room will also affect the high-frequency performance of your EPI loudspeakers. On some models there is a three-position switch. This switch controls the output level of the tweeter (EPI tweeters reproduce frequencies from 1800 to 20,000 Hertz). The tweeter output is highest when the switch is in the "NORMAL" or "FLAT" position. In the "MEDIUM" position the level of the tweeter is lowered by 3dB, and in the "LOW" position it is lowered by 6dB. The "NORMAL" position is correct for most rooms; however, a room with many hard surfaces, windows and bare walls, lacking drapes and carpets is likely to be bright. In these rooms one of the lower settings may be used. In rooms with much furniture, heavy carpets or drapes, it may be helpful to raise the speaker two to three feet off the floor to optimize high-frequency output.

WIRING

Use two-conductor wire of at least 18 gauge. The wire will be coded (one half will have a ridge or stripe, or may be of a different color). This is to insure proper phasing. When in phase, both woofers move in and out together. Out of phase they work against each other, reducing bass output and destroying the stereo image. Each speaker's terminals are coded red and black. Your amplifier will have a similar code on its output terminals (red and black or a "plus" and "minus" sign). Your system will be phased correctly if both speakers are connected similarly to the amplifier (red to red or "plus," black to black or "minus").

When connecting the wires to both speakers and the amplifier, make sure that the wires are cleanly stripped and that none of the strands on one wire touch the other wire or the other terminal.

ONE CHARLES STREET/NEWBURYPORT, MASSACHUSETTS 01950/(617) 462-3181



EPICURE PRODUCTS, INC.

A SUBSIDIARY OF PENRIL CORPORATION

SPECIFICATIONS

EPI 70 C

SIZE: 16 x 10½ x 7¼ inches
WEIGHT: 17.5 lbs. each (packed in matched pair)
FREQUENCY RESPONSE: 60 to 20,000 Hz ± 3dB
RECOMMENDED RMS POWER RANGE: 10 to 80 watts
CROSSOVER FREQUENCY: 1800 Hz
DRIVER COMPLEMENT: One 1" air-spring tweeter
One 6" long-traverse woofer
NOMINAL IMPEDANCE: 8 Ohms nominal, 4 Ohms D.C.
FINISH: Walnut-grained vinyl
GRILLE: Acoustically transparent black cloth

EPI 100

SIZE: 21 x 11 x 9 inches
WEIGHT: 25 lbs.
FREQUENCY RESPONSE: 48 to 20,000 Hz ± 3dB
RECOMMENDED RMS POWER RANGE: 12 to 80 watts
CROSSOVER FREQUENCY: 1800 Hz
DRIVER COMPLEMENT: One 1" air-spring tweeter
One 8" long-traverse woofer
NOMINAL IMPEDANCE: 8 Ohms nominal, 4 Ohms D.C.
FINISH: (Walnut-grained vinyl) (oiled walnut optional)
GRILLE: Acoustically transparent black cloth

EPI 120 C

SIZE: 25 x 15 x 11 inches
WEIGHT: 42 lbs.
FREQUENCY RESPONSE: 38 to 20,000 Hz ± 3dB
RECOMMENDED RMS POWER RANGE: 25 to 80 watts
CROSSOVER FREQUENCY: 1800 Hz
DRIVER COMPLEMENT: One 1" air-spring tweeter
One 10" long-traverse woofer
NOMINAL IMPEDANCE: 8 Ohms nominal, 4 Ohms D.C.
ADJUSTABLE TWEETER CONTROL
FINISH: Walnut-grain vinyl
GRILLE: Acoustically transparent black cloth

EPI 200 C ✓

SIZE: 32¾ x 17 x 11 inches
WEIGHT: 60 lbs.
FREQUENCY RESPONSE: 36 to 20,000 Hz ± 3dB
RECOMMENDED RMS POWER RANGE: 15 to 125 watts
CROSSOVER FREQUENCY: 1800 Hz
DRIVER COMPLEMENT: One 1" air-spring tweeter
One 8" high-efficiency woofer
One 12-inch passive radiator
NOMINAL IMPEDANCE: 8 Ohms nominal, 4 Ohms D.C.
ADJUSTABLE TWEETER CONTROL
FINISH: Oiled walnut
GRILLE: Acoustically transparent black cloth

EPI 500

SIZE: 14 x 12 x 36 inches, with 3 3/8 inch integral base
WEIGHT: 50 lbs.
FREQUENCY RESPONSE: 45 to 20,000 Hz ± 3dB
RECOMMENDED RMS POWER RANGE: 15 to 100 watts RMS,
500 watts peak
CROSSOVER FREQUENCIES: 750 Hz, 3000 Hz
DRIVER COMPLEMENT: One 1" air-spring tweeter,
One 4" closed-backed midrange
One 10" woofer with "focused-field"
magnetic circuit
Two 12" passive radiators
IMPEDANCE: Impedance Curve is essentially flat, 4 Ohms
nominal
FINISH: Walnut veneer and ebony vinyl
GRILLE: Acoustically transparent black cloth

Epicure Products, Inc.

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EPI LIMITED WARRANTY

1. The warranty extends only to the original consumer purchaser. We do not warranty goods in commercial or industrial applications, such as public address systems.
2. The warranty covers original manufacturing defects in:
 - a. all tweeters, woofers and any other audio drivers.
 - b. the crossover assembly.

The warranty does not include external cosmetics. This is because items like grille panels and cabinet finishes are subject to normal wear and tear.

3. The authorized warranty service station is responsible for determining the presence of a warranted defect. In the event of a warranted defect, malfunction or failure, EPI will correct the fault. It is your responsibility to get the unit back to an authorized warranty service station. If you require a replacement shipping carton, a charge of \$5.00 (\$15.00 for the Model 500) will be made. We will then prepay shipment of the replacement carton to your home (only in the Continental U.S.)

4. If you ship the unit back to the factory, you must prepay the freight. You will not be reimbursed for this expense. We will then prepay shipment of the repaired unit to your home (only in the Continental U.S.) If outside the Continental U.S. you will be required to pay all freight expenses. Send your unit to:

Customer Service
Epicure Products, Inc.
One Charles Street
Newburyport, Mass. 01950

The local franchised dealer from whom you purchased the unit is required to be an authorized warranty service station. For quickest warranty service, it is to your advantage to purchase locally, but if not, you may ship the speaker to another warranty service station (in such cases it is usually best to ship it back to the factory warranty service station), but you must pay freight.

WARRANTY CARD

Model No. Serial No. (see back of speaker) Date 19.....

Name Occupation

Address

City State Zip Code

How did you hear about EPI speakers?

☐ Dealer's recommendation	☐ Radio	☐ Magazine	Age
☐ A friend's recommendation	☐ TV	☐ Newspaper	Education
			Marital Status

What speakers (if any) did you own before? None

What electronics will you use with your EPI speakers?

What kind of HiFi system (if any) did you listen to before?

Dealer's Name

Why did you buy from this dealer?

DATE OF PURCHASE

5. The warranty begins from the date of purchase. EPI warrants all units for 5 years, parts and labor.
6. Warranty service may be performed by a franchised selling dealer, that is an authorized warranty service station, an independent authorized warranty service station, and the factory warranty service station. If warranty service is sought from either the franchised dealer authorized warranty service station or an independent authorized warranty service station, the unit's owner must do the following:
 - a. Establish himself as the original purchaser. This can be done with an original sales slip and an established identification card (such as driver's license, credit card, or social security card).
 - b. When the warranty service has been completed to the owner's satisfaction, he must sign the EPI warranty service form.
7. Should any difficulties arise, please write to:
Epicure Products, Inc.
Vice President of Quality Control
One Charles Street
Newburyport, Mass. 01950
8. Your EPI warranty does not cover any incidental or consequential damages resulting from a warranted malfunction. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
9. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

PLACE
STAMP
HERE

Epicure Products, Inc.
One Charles Street
Newburyport, Massachusetts 01950