



EP175 - *Quick Setup Guide*



Epicenter



WELCOME

Every member of our Axiom team, myself included, is pleased that you have decided on one of our products. We have all worked hard to bring you the highest level of satisfaction from your audio experiences, and will continue to work hard to make every Axiom purchase a wise audio investment for you.

Axiom is deeply committed to ongoing audio research that continues to enhance the performance of our products. We design and engineer all of our loudspeakers based on the world-class psycho-acoustical research that was conducted at the National Research Council and that I have been an integral part of since its early years. This research changed the way the sound is measured, and allows Axiom to provide the world's most realistic-sounding loudspeakers at amazing value to the consumer. By emphasizing the practical side of our ongoing research, Axiom continues to extend people's expectations of performance.

It is our central goal at Axiom to turn this research into a truly exciting experience for you in your environment. Our commitment to the delivery of the most accurate sound reproduction is a commitment to heighten the level of enjoyment you receive from music and movies.

We at Axiom see our customers as family members and as such we stand at the ready to deliver personal, expert advice and to follow up on any of your audio needs.

Sincerely,

Ian Colquhoun
President, Axiom



The M22ti being tested in the anechoic chamber at the National Research Center.

FOOT INSTALLATION



Install the four rubber feet with the supplied screws or install the spiked feet, tightening securely in the inserts provided at the bottom of the speaker.



SUBWOOFER ACCESSORIES



BALANCED CABLE

Rugged balanced cable with gold-plated standard XLR multi-pin male connector on one end, and female on the other. Integrated with standard trigger line for remote power on/off actuation of power amplifiers, preamps and other remote components. For use with A/V gear with compatible balanced XLR connectors, including the EP500 and EP600 Epicenter Subwoofers. Trigger line connection optional. Use only for balanced system interconnection.



SUBWOOFER COAXIAL CABLE

Rugged coaxial audio connector for low-loss connection between A/V receiver line-level subwoofer (Low Frequency Effects) output jack to subwoofer line-level input.

RCA male jacks at both ends.

EP175 ELECTRICAL CONNECTIONS

Visit www.axiomaudio.com/manual_index.html for full owners manual

Step 1:

LINE IN: the RCA line-level female input, second row, accepts a standard RCA male plug. Connect a shielded coaxial cable, with male RCA plugs on each end, from the A/V receiver or A/V preamp processor's Subwoofer Output jack to the RCA LINE IN female jack on the EP175.

3.5mm MINI-Jack: this is for any 3Volt to 30Volt power on trigger. It is also intended for trigger-controlled operation with future Axiom products.

BALANCED XLR LINE IN: if the A/V receiver or A/V preamp-processor has balanced XLR subwoofer line-out connections, you may connect a Balanced XLR male connector to the XLR female input. Otherwise, ignore this connector. **Do not use a combination of RCA and XLR input or output connectors.**

HIGH LEVEL INPUT: Use these "speaker-level" or high-level 5-way binding post connectors only if your receiver or preamp lacks a dedicated line-level subwoofer output jack. Connect speaker cables from your amplifier's left-channel and right-channel speaker output binding posts to the high-level inputs using banana plugs (single or dual), spade connectors, pins, or bare cable if you wish (unscrew the top of each binding post and insert the cable into the hole in the post; tighten the knurled knob against the cable). Run a second pair of speaker cables from these jacks to your main left and right front speakers. Do not use these connectors if you are already using an RCA or XLR line-level connection from the receiver or preamp to the subwoofer. **NOTE: BE SURE TO CONNECT BLACK TO BLACK AND RED TO RED.**

Step 2:

LINE OUT (RCA, Trigger and XLR Balanced):

An RCA line-level (female) output and balanced XLR output (male) are provided for connection to a second subwoofer. Use a standard shielded coaxial cable for connection of the RCA Line Out to the second subwoofer. If you are using balanced XLR connectors, then use the balanced Line Out for operation of a second EP175.

Step 3:

CROSSOVER: if you are using the Bass Management crossover menu settings in your A/V receiver or processor, turn this control to "BYPASS" to eliminate the EP175 internal crossover from the circuit.

If you are using the HIGH LEVEL (Speaker Level) binding-post inputs, set the crossover switch to 80 Hz for initial setup. If you have floor-standing speakers (M40, M50, or M60), try a 60 Hz crossover frequency, for the M80 try 40 Hz. If your main speakers are bookshelf models M3 or M22, try the 80 Hz setting, for the M2 try 100 Hz. Ultimately you want to use a crossover frequency that produces the smoothest blend of sound between the subwoofer and your main speakers.

Step 4:

VOLUME: Set this midway to the 9 o'clock position for initial setup. You can use this to manually regulate the subwoofer volume at any time and during your initial setup adjustments with the other speakers in your stereo or home theater system.

Step 5:

ON/OFF AC POWER/VOLTAGE SETTING: Your subwoofer is supplied with a pop-out voltage regulator set for use with 100 - 120 volts from the A/C line. It can be easily removed and turned over to set your EP175 to 220 volts from the A/C line.

Once you have made appropriate connections from the A/V receiver or preamp/processor to the EP175 and set the voltage regulator to the proper voltage, find a nearby AC wall outlet and connect the main power cord to the three-wire socket at the bottom of the control panel. Move the power switch to the ON setting and the LED POWER indicator should glow Green. Leave the switch at the ON setting unless you go away for an extended period. Moving it to OFF will shut down all power to the subwoofer.

Step 6:

0 & 180 PHASE: This synchronizes the in/out movement of the subwoofer cone driver with the other speakers in your system. Once you have chosen the best location for your subwoofer, try flipping the phase switch between 0 and 180 to see if one or the other setting produces deeper and smoother bass output in your room. Leave the switch at the setting that results in the smoothest and deepest bass at several listening locations in the room. If you hear no difference, leave the switch at the 0 position. Quite often the phase switch makes no difference, but it's dependent on your room and subwoofer location.

Step 7:

GROUND LOOP:

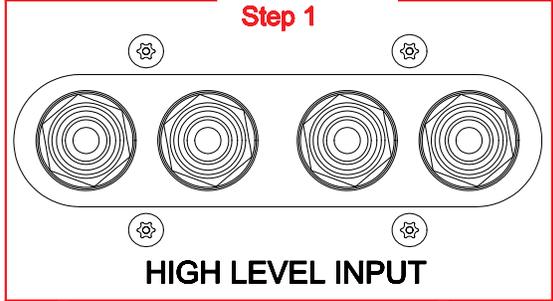
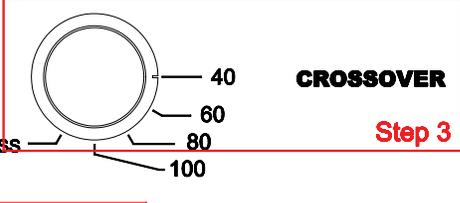
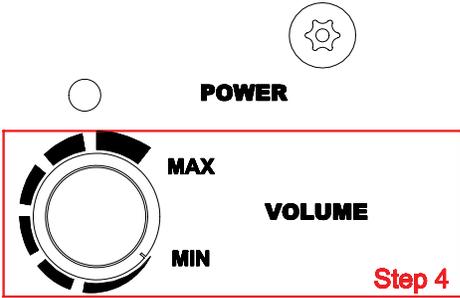
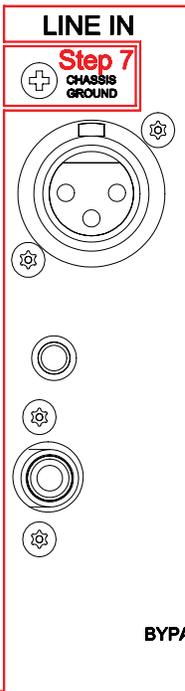
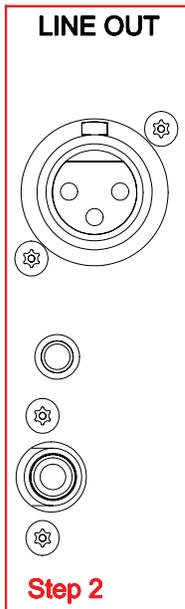
If your subwoofer is producing a 50 or 60 Hz hum; remove the Chassis Ground Screw. If this does not solve the hum, call 1-866-244-8796 or consult the full manual at www.axiomaudio.com/epmanual.html

POWER INDICATOR: The LED Power indicator glows Green when it's on and Red indicating Standby Mode.

Please Note: The EP350 will shut down if heavily over driven into distortion. To reset, turn power switch OFF then ON.

NEED HELP TROUBLESHOOTING?

Please feel free to contact us at 1-866-244-8796 or www.axiomaudio.com/manual_index.html for more information.



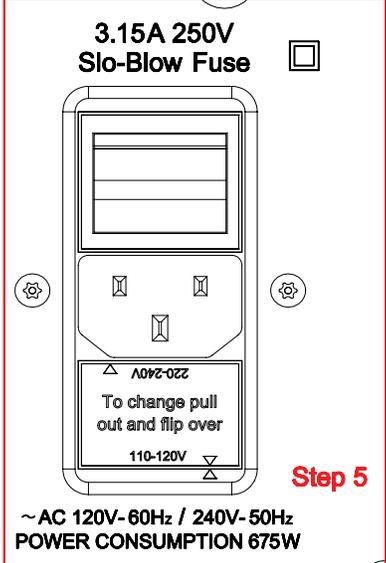
THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES

axiom[®]
HOME THEATERS
www.axiomaudio.com

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS RISQUE DE CHOC ELECTRIQUE / NE PAS OUVRIE

MADE IN CANADA / FABRIQUE AU CANADA



Attention:
Afin d'assurer une protection permanente contre les risques d'incendie, remplacer uniquement par un fusible 3.15A, 250V, à action lente "slo-blow".

Caution:
For continued protection against fire hazard, replace only with same type 3.15A, 250V Slo-Blow fuse.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION

THERE ARE NO USER-SERVICEABLE PARTS IN THIS SYSTEM. TO PROTECT AGAINST THE RISK OF ELECTRICAL SHOCK, DO NOT USE THE SUBWOOFER NEAR BATHTUBS, SINKS, SWIMMING POOLS, SAUNAS, IN WET BASEMENTS, NEAR OTHER WATER SOURCES, OR IN RAIN. DO NOT ATTEMPT TO REMOVE THE AMPLIFIER FROM THE SUBWOOFER CABINET. IF SERVICE IS REQUIRED PLEASE REFER TO AN AUTHORIZED AXIOM SERVICE DEPOT.

THE SUBWOOFER HAS A BUILT-IN AMPLIFIER AND MUST HAVE ADEQUATE VENTILATION FOR COOLING PURPOSES. DO NOT PLACE NEAR HEAT OUTLETS SUCH AS FURNACE REGISTERS OR OTHER SOURCES OF HEAT.



The lightning flash with arrow head symbol, within an equilateral triangle, is intended to alert the user of the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

SAFETY PROCEDURES

- Ensure that you connect your Subwoofer only to the type of power supply indicated on the amplifier faceplate, and ensure that the power cord cannot be walked on or otherwise damaged.
- To prevent electric shock, match wide blade of plug to wide slot, fully insert.
- Ensure that objects or liquids are not allowed to penetrate the enclosure.
- Your AXIOM Subwoofers are finished in a durable vinyl and from time to time should be wiped clean gently with a slightly damp cloth to remove any dust or stains.

For any additional information or service, contact:

**AXIOM, 2885 HWY 60
DWIGHT ON CANADA
P01 1H0**

Phone: **1-866-244-8796**

PRECAUTIONS

1. **Read instructions** - All the safety and operating instructions should be read before the product is operated.
2. **Follow instructions** - All operating and usage instructions should be followed.
3. **Retain instructions** - The safety and operating instructions should be retained for future reference.
4. **Heed Warnings** - All warnings on the product and in the operating instructions should be adhered to.
5. **Attachments** - Do not use attachments not recommended by the product manufacturer as they may create hazards.
6. **Water and Moisture** - Do not use this product near water - for example, near a bathtub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool or the like.

PRECAUTIONS

7. **Accessories** - Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to a child or adult and serious damage to the product. Use only with a cart, stand, tripod, bracket or table recommended by the manufacturer, or sold with the product. A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
8. **Heat/Ventilation** - Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product to protect it from overheating. These openings must not be blocked or covered. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. The product should be situated away from heat sources such as radiators, heat registers, stoves or other products (including amplifiers) that produce heat.
9. **Power Sources** - This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local Power Company.
10. **Ground or Polarization** - This product may be equipped with polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.
11. **Lightning** - For added protection for this product during a lightning storm, or when it is left unattended or unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.
12. **Power-cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at the plugs, convenience receptacles and at the point where they exit from the product.
13. **Overloading** - Do not overload wall outlets, extension cords or integral convenience receptacles as this can result in the risk of fire or electric shock.
14. **Object and Liquid Entry** - Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in fire or electric shock. Never spill liquid of any kind on the product. Cleaning - unplug this product from the wall before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
15. **Servicing** - Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltages or other hazards. Refer all servicing to qualified service personnel.
16. **Damage Requiring Service** - Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions:
 - a) If the power supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen into the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - e) If the product has been dropped or damaged in any other way.
 - f) If the product exhibits a distinct change in performance despite verifying that all system connections are correct.
17. **Replacement Parts** - If replacement parts are required, be sure the service technician has used replacement parts specified by AXIOM. Unauthorized substitutions may result in fire, electric shock or other hazards.
18. **Safety Check** - Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.



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