

CONNECTING AND CHECKING SPEAKER PHASE

To ensure proper speaker connections, perform the following steps:

1. At each loudspeaker connection, ensure that at least 2 inches of each conductor are separated. Strip the insulation on each conductor approximately $\frac{1}{4}$ " and insert into the speaker terminals. Ensure that there are no stray strands of wire protruding from the connectors. Observe proper polarity (+ to + and – to – for each speaker and at the amplifier).

If the speakers are connected out of phase, one loudspeaker's woofer will be moving out while the other will be moving in. This will result in sound that lacks bass and sounds "thin" or "distant" with vocals. If the sound is not right and markings on the wire to verify polarity cannot be seen, try this simple test:

- Sit with equal distance to the speakers.
 - Play some music with the receiver set to Mono.
 - Listen to the bass. Is it full or thin? Listen to volume of the bass as well.
 - Turn off the receiver and reverse the connections for one of the speakers.
 - Repeat test at the same volume level. When the sound has the loudest and best sounding bass and also sounds best in the vocal region, the connections are correct and in-phase.
2. Turn on the home theater receiver and calibrate all loudspeakers in the system according to the receiver (or surround processor) manufacturer's instructions.

INSTALLING AND REMOVING THE GRILLE

- The ES-700 Tower speakers utilize magnetic grilles. To install the grille, hold it about $\frac{1}{2}$ " from the front of the speaker with equal distance to the top, bottom, left and right. Move the grille back towards the speaker until the magnets snap it in place. To remove the grille, grasp top corners and pull gently.

CLEANING

- Use a dampened soft cloth or paper towel to clean the cabinet. The grille is best cleaned by brushing it off with a lint-free cloth.



WARRANTY

Limited Lifetime Warranty
Episode in-wall, in-ceiling and bookshelf Speakers have a Lifetime Limited Warranty. This warranty includes parts and labor repairs on all components found to be defective in material or workmanship under normal conditions of use. This warranty shall not apply to products which have been abused, modified or disassembled. Products to be repaired under this warranty must be returned to SnapAV or a designated service center with prior notification and an assigned return authorization number (RA).



engineered by
Snap
AV

OWNER'S MANUAL

>> TOWER SPEAKER

ES-700-TWR-6



Thank you for purchasing a great product from one of the best sounding speaker lines available today, Episode®. We appreciate your purchase and are committed to providing the highest quality products possible.

The Episode Tower models are a superb choice for almost every type of home theater or home audio installation. They have been designed with advanced technological components that allow for high performance and a lifetime of enjoyment.

IMPORTANT INSTRUCTIONS AND CONSIDERATIONS

- Carefully read all instructions before beginning installation, accounting for any potential electrical issues or other obstacles.

GENERAL GUIDELINES

- Keep speakers about 2 feet away from corners and other surfaces that might interfere with or reflect sound, such as tall furniture.

RECOMMENDED AMPLIFIER POWER

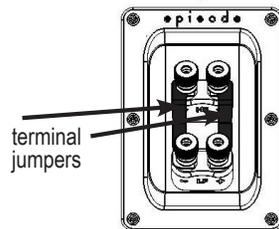
- To get the best performance from your Episode ES-700-TWR-6 speaker, we recommend powering it with an amplifier or receiver with a power rating between 20 and 200 Watts RMS per channel.

SPEAKER WIRE

- To connect the ES-700-TWR-6 speaker to an amplifier, high quality 14 to 16 gauge stranded speaker wire is recommended. The wire may be connected directly to the speaker's five-way binding posts, or terminated with either spade lugs or banana plugs.

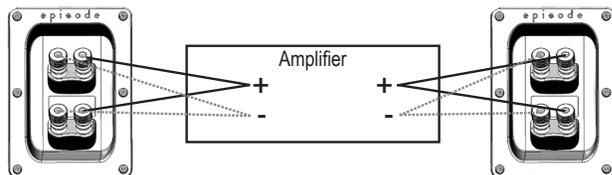
BI-WIRING/BI-AMPING

- If bi-wiring or bi-amping is desired, remove the two terminal jumpers and connect speaker wires appropriately to the terminals marked HF (high frequencies) and LF (low frequencies).



BI-WIRING

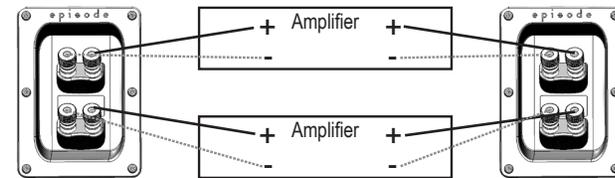
- The purpose of bi-wiring is to reduce interaction between woofer and midrange and/or tweeter. Separate cables are connected to the low frequency (LF) terminal and the high frequency (HF) terminal. Both cables are connected to the same terminal on the receiver/amplifier.



BI-AMPING

- The highest possible performance is obtained by using separate amplifiers for LF and HF. Identical amplifiers can be used; however, if using different amplifiers, the following must be observed:

- All amplifiers should be phase coherent, either phase or non-phase inverting, and have identical voltage gain.
- Each amplifier for LF, and each amplifier for HF, must be identical.



SPEAKER PLACEMENT

In a 2 channel stereo application, the distance between the ES-700-TWR-6 speakers should not be larger than the distance from the listening position to both speakers. It may be desirable to toe the speakers in towards the listening position depending on the room acoustics. Try different angles of toe in for the desired sound preference.

For Left and Right speaker applications in a surround sound system, place the speakers on either side of the screen at equal distances from the center of the screen. Ideally, the two speakers should be spaced 6 to 12 feet apart. Left and Right speakers should also be equal to or less than the distance (about 8 to 20 feet) away from the center of the primary listening position.

FEET AND SPIKES

Apply the included four rubber feet to the bottom of the ES-700-TWR-6 when placing on hardwood floors. If placed on carpeted floors, the included four spikes should be used for optimal support. Screw the spikes into the bottom of the speaker. When upright, adjust the spikes for uneven surfaces.

ADJUSTMENTS

- Refer to the manual for the receiver or amplifier to make sound adjustments such as bass, treble and balance to obtain the preferred sound, as well as surround modes and effects when used in a surround sound system.