SHS-6T2 Strategically Hidden Speaker

Install Sheet

Drop Tile Ceiling Installation

1. Remove 2' x 2' or 2' x 4' tile.
2. Determine placement of SHS on the ceiling tile so that hole for the sound chamber leaves room for tile rails to be extended to the ceiling support structure.
3. Mark the cutout circle in the desired location, 2.75" mounting hole.
4. Using a 2.75" hole saw, drill out the hole for the sound chamber.
5. Place SHS on top of the ceiling tile, with sound chamber located in the newly created hole with the tile rails extended to the width of the support structure and leave the paint shield in place to protect the tweeter during installation. Terminate the service loop to Phoenix style connector provided (please note polarity). Flex conduit clamp is provided to facilitate conduit. A UL recognized conduit connector should be used to terminate conduit. Connection cavity is not intended for use as a junction box.
6. Adjust tap selector switch to desired wattage setting or 4Ω*. (See important note regarding 4Ω operation)
7. Put the ceiling tile back into the ceiling support structure.
8. Remove the paint shield and install correct diffuser onto the sound chamber based on installation requirements, 8mm, 4mm, or 4mm with perforated lens (Direct Field), by screwing the diffuser onto the sound chamber and then attaching the appropriate lens, solid or perforated.
9. For safety and seismic considerations a suspension ring is integrated into the conduit input section of the unit. AtlasIED strongly suggests that a support wire be installed from this support point to a suitable anchor point above ceiling grid. In drop tile applications, this wire can usually be installed from an adjacent tile access near speaker location.

Dry Wall Ceiling Installation

1. The SHS is designed to fit between 16" or 24" OC studs using the integrated adjustable rails.
2. Place the SHS between two studs and adjust the rails until the flat edge is aligned with the stud. Secure the SHS to the stud using three screws in the holes provided.
3. Terminate the service loop to Phoenix style connector provided (please note polarity). Flex conduit clamp is provided to facilitate conduit. Connection cavity is not intended for use as a junction box.
4. Adjust tap selector switch to desired wattage setting or 4Ω*. (See important note regarding 4Ω operation.)
5. Measure location of the sound chamber and mark on ceiling material location where the 2.75" hole needs to be drilled.
6. Using a 2.75" hole saw, drill out the hole for the sound chamber.
7. Secure the ceiling material to the support structure being careful to ensure the cutout hole aligns with the sound chamber.
8. Remove the paint shield and install correct diffuser onto the sound chamber based on installation requirements, 8mm, 4mm, or 4mm with perforated lens (Direct Field), by screwing the diffuser onto the sound chamber and then attaching the appropriate lens, solid or perforated.

Painting the SHS Diffuser and Solid Lens

The SHS includes a plastic paint shield that is designed to protect the tweeter during shipping and installation. If the installation requires matching the SHS diffuser and lens to the ceiling color, there are a three options.

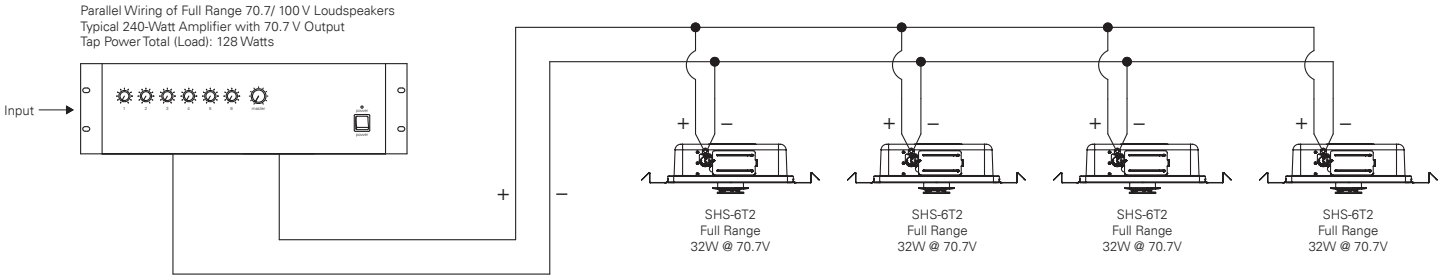
1. In dry wall installations where the ceiling is going to be painted and the SHS is already installed. Leave the paint shield on the sound chamber and do not install the diffuser and lens until painting is completed. Use a paint that is suitable for both plastic and metal to paint the diffuser and lens to match the ceiling color before installing them on the sound chamber. **NOTE:** Do not paint the perforated lens.
2. In drop tile ceiling installations using non-white tiles use a paint that is suitable for both plastic and metal to paint the diffuser and lens to match the tile color before installing them on the sound chamber. **NOTE:** Do not paint the perforated lens.
3. AtlasIED offers a custom UV-printing service that is available for an additional fee. This service requires an image or sample submittal of the material to be matched. AtlasIED will then supply a custom lens mount, trim ring and lens. Learn more at atlasied.com/shs-cust.

***DO NOT USE 4Ω SETTING WITH 70.7V / 100V SYSTEMS!**

***DO NOT OVERPOWER IN 4Ω CONFIGURATION!**

AMPLIFIER OUTPUT SHOULD NOT EXCEED 75-WATTS RMS @ 4Ω PER SPEAKER.

Note: Cable connection cavity is not intended to be used as a junction box.



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