

SHS-6T2 Strategically Hidden Loudspeaker

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. Terminate the service loop to Phoenix style connector provided (please note polarity). Combination knockouts are 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. Install correct diffuser onto the sound chamber based on installation requirements, 8mm, 4mm, or 8mm with perforated lens, by screwing the diffuser onto the sound chamber.
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 ("Hard Deck") and 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). Combination knockouts are 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.
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" 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 be careful to ensure the cutout hole aligns with the sound chamber.
8. Install correct diffuser onto the sound chamber based on installation requirements, 8mm, 4mm, or 8mm with perforated lens, by screwing the diffuser onto the sound chamber.

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

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

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

Tile / Drywall / Paint Shield Cutout Circle:

2.75"

Note:

UL recognized conduit clamp must be used for conduit connections.

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