

SHS-LF

Strategically Hidden Subwoofer System Install Sheet

Note: Typical wiring method shall be in accordance with the applicable section of the National Electrical Code, ANSI/NFPA 70 or ANSI/NFPA 72 and CSA C22.1, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations.

Recommended Cable Type: Solid/Stranded Copper AWG 18-12 (or equivalent)

Drop Tile Ceiling Installation

1. Remove 2' x 2' or 2' x 4' tile.
2. Determine placement of SHS-LF 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-LF 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 $8\Omega^*$. (See important note regarding 8Ω 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 Solid with Solid Lens Cover or 4mm Direct Fire with Direct Fire Grille by screwing the Flange 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 cover plate 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 subwoofer location.

Dry Wall Ceiling Installation

Note: AtlasIED recommends installing the SHS-LF before ceiling material is installed.

1. The SHS-LF is designed to fit between 24" OC studs using the integrated adjustable rails.
2. Place the SHS-LF between two studs and adjust the rails until the flat edge is aligned with the stud. Secure the SHS-LF to the stud using three screws (not provided) through the holes pre-drilled in the support rail.
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 $8\Omega^*$. (See important note regarding 8Ω operation.)
5. Ensure paint shield remains installed until after the ceiling material has been installed and painted.
6. Remove the paint shield and install correct diffuser onto the sound chamber based on installation requirements, 8mm Solid with Solid Lense Cover or 4mm Direct Fire with Direct Fire Grille by screwing the Flange 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-LF diffuser and lens to the ceiling color, there are three options.

1. In dry wall installations where the ceiling is going to be painted and the SHS-LF is already installed. Leave the paint shield on the sound chamber and do not install the flange, 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 through DesignLab™ by AtlasIED custom match process 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 flange, trim ring and lens. Learn more at atlasied.com/shs-cust.

*DO NOT USE 8 Ω SETTING WITH 70.7V / 100V SYSTEMS!

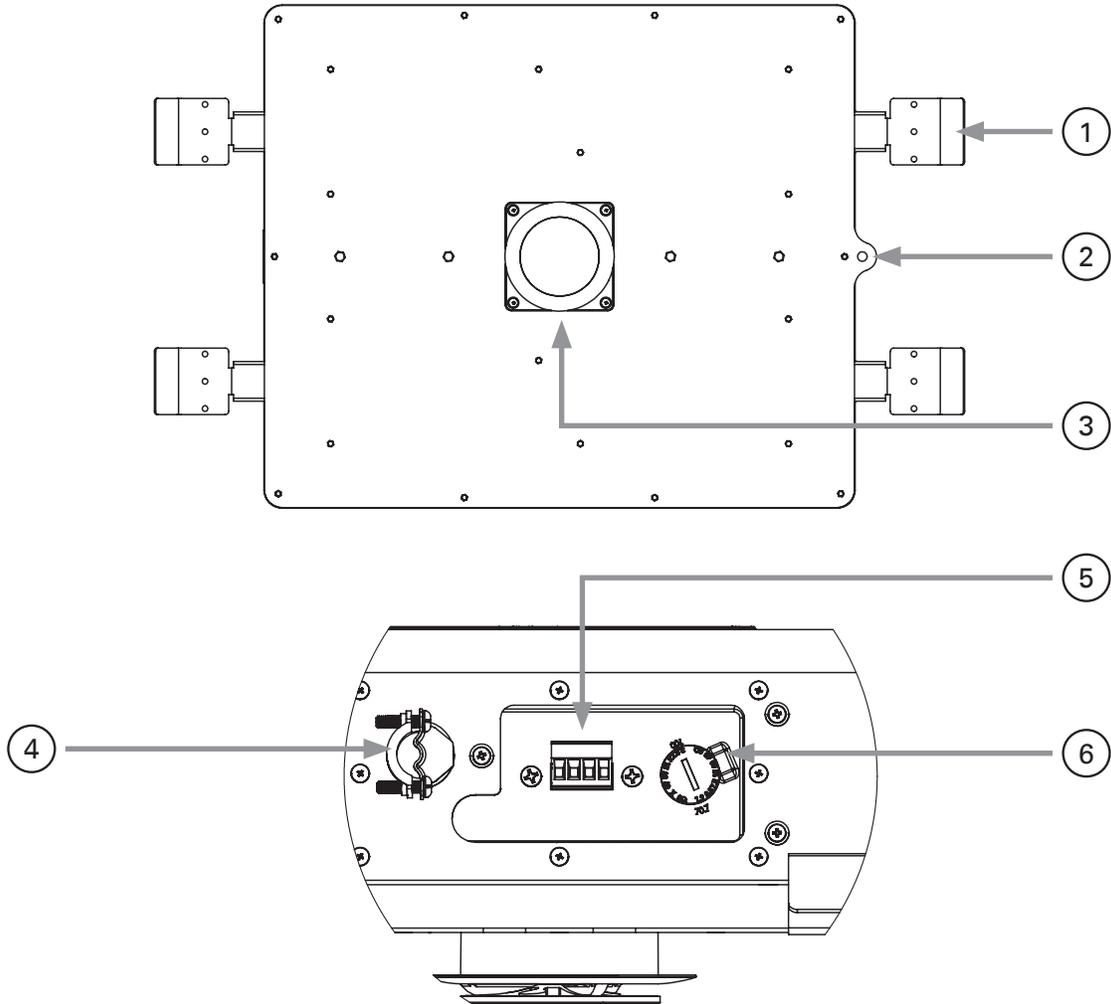
*DO NOT OVERPOWER IN 8 Ω CONFIGURATION!

AMPLIFIER OUTPUT SHOULD NOT EXCEED 200-WATTS RMS @ 8 Ω PER SPEAKER.

Note:

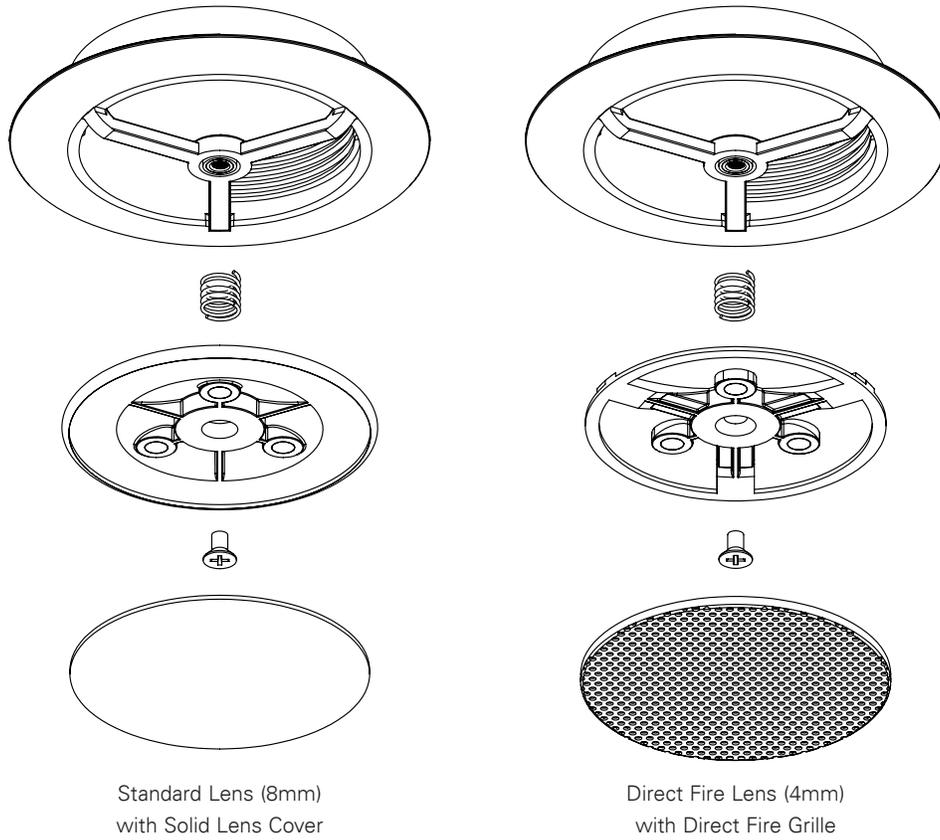
UL recognized conduit clamp must be used for conduit connections.

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



1. Support Rails
2. Suspension Ring
3. Sound Chamber
4. Conduit Clamp
5. Phoenix Connector
6. Tap Selector

Installation Configurations



Standard Lens (8mm)
with Solid Lens Cover

Direct Fire Lens (4mm)
with Direct Fire Grille

Use the included spring to increase the diffuser open area.

Note: Unit comes with 4mm Direct Fire Lens and Direct Fire Grille Lens Cover installed on the Flange. To change the lens remove lens cover by lifting up under the edge of the cover, unscrew the lens and replacing it with the desired lens.

Limited Warranty

All products manufactured by AtlasIED are warranted to the original dealer / installer, industrial or commercial purchaser to be free from defects in material and workmanship and to be in compliance with our published specifications, if any. This warranty shall extend from the date of purchase for a period of three years on all AtlasIED products, including SOUNDOLIER brand, and ATLAS SOUND brand products except as follows: one year on electronics and control systems; one year on replacement parts; and one year on Musician Series stands and related accessories. Additionally, fuses and lamps carry no warranty. AtlasIED will solely at its discretion, replace at no charge or repair free of charge defective parts or products when the product has been applied and used in accordance with our published operation and installation instructions. We will not be responsible for defects caused by improper storage, misuse (including failure to provide reasonable and necessary maintenance), accident, abnormal atmospheres, water immersion, lightning discharge, or malfunctions when products have been modified or operated in excess of rated power, altered, serviced or installed in other than a workman like manner. The original sales invoice should be retained as evidence of purchase under the terms of this warranty. All warranty returns must comply with our returns policy set forth below. When products returned to AtlasIED do not qualify for repair or replacement under our warranty, repairs may be performed at prevailing costs for material and labor unless there is included with the returned product(s) a written request for an estimate of repair costs before any nonwarranty work is performed. In the event of replacement or upon completion of repairs, return shipment will be made with the transportation charges collect.

EXCEPT TO THE EXTENT THAT APPLICABLE LAW PREVENTS THE LIMITATION OF CONSEQUENTIAL DAMAGES FOR PERSONAL INJURY, ATLASIED SHALL NOT BE LIABLE IN TORT OR CONTRACT FOR ANY DIRECT, CONSEQUENTIAL OR INCIDENTAL LOSS OR DAMAGE ARISING OUT OF THE INSTALLATION, USE OR INABILITY TO USE THE PRODUCTS. THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

AtlasIED does not assume, or does it authorize any other person to assume or extend on its behalf, any other warranty, obligation, or liability. This warranty gives you specific legal rights and you may have other rights which vary from state to state.

Service

Should your SHS-LF requires service, please contact the AtlasIED warranty department through the online warranty claim process.

Online Warranty Claim Processes

1. Warranty submissions are accepted at: https://www.atlasied.com/warranty_statement where the type of return Warranty or Stock return can be selected.
2. Once selected, you will be prompted to enter your login credentials. If you do not have a login, register on the site. If already logged-in, navigate to this page by selecting "Support" and then "Warranty & Returns" from the top menu.
3. In order to file a Warranty Claim, you will need:
 - A. A copy of the invoice / receipt of the purchased item
 - B. Date of Purchase
 - C. The product name or SKU
 - D. The serial number for the item (if no serial number exists, enter N/A)
 - E. A brief description of the fault for the claim
4. Once all required fields are completed, select the "Submit Button." You will receive 2 emails:
 1. One with a confirmation of the submission
 2. One with a case# for your reference should you need to contact us.

Please allow 2-3 business days for a response with a Return Authorization (RA) number and further instructions.

AtlasIED Tech Support can be reached at 1-800-876-3333 or atlasied.com/support.

Visit our website at www.AtlasIED.com to see other AtlasIED products.