

ALA5T

Installation Instructions

Safety Instructions

Please read carefully before installing or operating.

- Read all instructions carefully
- Heed all warnings
- Assure that the speaker is securely mounted
- Always assure amplifier power is off before making any connections
- Keep instructions for future reference
- Should any questions arise after reading this document, please call Atlas Sound Tech Support at 800-876-3333

Hearing Damage

CAUTION: All professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive levels that can cause permanent hearing damage.

Suspension and Mounting

Installing speaker systems requires training and expertise. Improper speaker installation may result in injury, death, equipment damage, and legal liability. Installation must be carried out by fully qualified installers, in accordance with all required safety codes and standards at the place of installation.

Legal requirements for overhead installation vary by municipality, please consult the Building Inspector office before installing any product and thoroughly check any laws and bylaws prior to installation. Installers that lack the skills, training, and proper ancillary equipment to install a speaker system should not attempt to do so.

Installation

1. Run the wiring from the power amplifier to the location desired for mounting the ALA Series speaker.
2. Attach the wall bracket to the wall. Use a level to be certain that the wall bracket is straight. Secure the wall bracket to the wall. Be sure to use the appropriate wall anchors when attaching the bracket. Use all four screw holes for maximum integrity and safety.

Note: Hardware for attaching the wall bracket to the wall is not included.

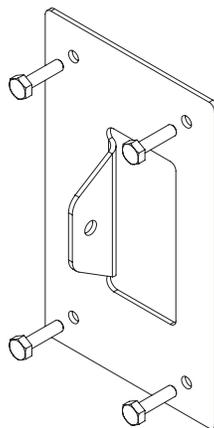


Fig. 1

3. Attach the short or medium length speaker bracket to the speaker sliding mount block. Use the short bracket for 0° to 17°. Use the medium bracket for 17° to 26°.
 - A. Position the speaker bracket over the sliding mount block as shown in Fig. 2a and 2b.
 - B. Insert the 100mm M8 bolt through the speaker bracket and the sliding mount block. Be sure to include the plain washers and one lock washer as shown.

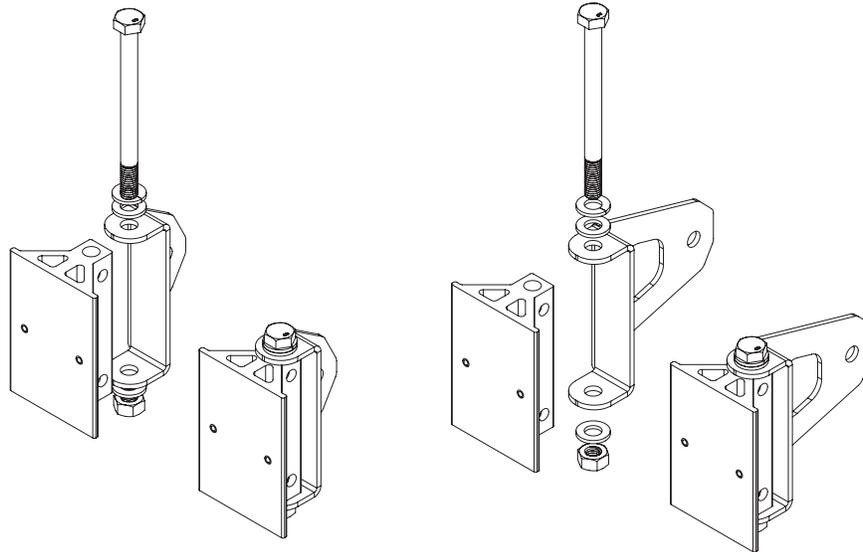


Fig. 2a and 2b (Sliding Mount Block shown not attached to speaker for clarity)

4. Attach the speaker bracket to the wall bracket.
 - A. Insert the 20mm M8 bolt through the speaker bracket, internal tooth lock washer, and the wall bracket as shown in Fig. 3a and 3b. Be sure to include the plain washers and one split ring lock washer as shown.
 - B. Adjust vertical and horizontal position of the speaker and torque the bolt sufficiently to hold position.

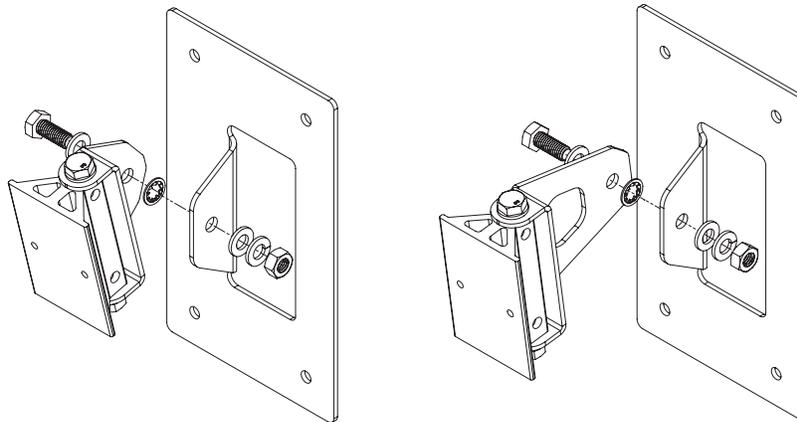


Fig. 3a and 3b (Sliding Mount Block shown not attached to speaker for clarity)

5. Establish electrical connection. All models include a built-in, high efficiency 60 Watt 70.7V transformer with 7.5, 15, 30, and 60 Watt taps as shown in Fig. 4.

Note: A removable jumper and additional pole on the terminal block is included for transformer operation. The jumper must be removed for low impedance (8Ω or 6Ω) direct coupled operation.

Connections are provided on the terminal for both transformer and low impedance connection. An NL4 Speakon® connector is included for low impedance (8Ω or 6Ω) direct coupled operation.

Note: When using the Speakon® input connection, the jumper must be removed from the barrier terminal.

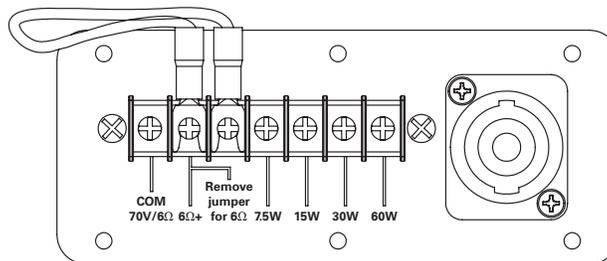


Fig. 4

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