

10 Attach spacers if required

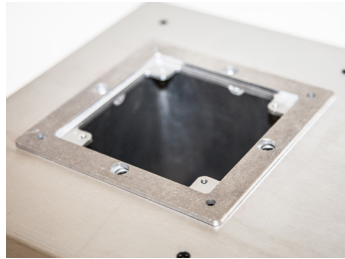


Fig. 15

For 1/2" Drywall omit spacer (Fig. 17)
For 5/8" Drywall use spacer (Fig. 18)
If the drywall is in excess of 5/8" add additional 1/8" spacers as needed



Fig. 17



Fig. 18

11 Install foam dust guard.



Fig. 20

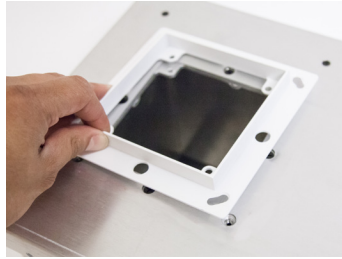
12 Recommend testing sub with program material to assure sub reaches its intended frequency range and that all components are working.

13 Drywall, tape, mud, etc.

14 Safely store the supplied grille for the final assembly.

Attach the finishing trim kit P/N SA101-SP-0.125

Fig. 16



There are four trim kits available to choose from



SA101-5R-SR SA101-4S-SR SA101-5R-W SA101-4S-W



Small Aperture
Installation
Video



Trim Kit
Finishing
Playlist

	SA101-4	SA54-4
Freq. Response	33-150Hz	38-150Hz
Impedance	8 ohm	8 ohm
Sensitivity	87dB	89dB
Amp Range	100-350 Watts	75-250 Watts

Products suitable for use in dry outdoor environments

Tools Required:

- #2 Phillips screwdriver or drill with #2 Phillips drill bit
- Straight edge or level
- Wood or drywall screws

Parts List: Supplied

- A 1 - SA101-4-SUB or SA54-4-SUB
- B 2 - Mounting Brackets
- C 4 - 8-32 x 1/2 Pan Head Machine Screws
- D 4 - #8 Lock Washers
- E 4 - 6/32 Course Head Screws
- F 1 - Foam Dust Guard

Parts List: Supplied by Installer

- G 4 - 1.25" Wood or drywall screws

Parts: Ordered Separately

- H 1 - Trim Kit
- I 1 - Spacer Ring(s)

1 Assemble the parts

The brackets are designed for 16" On-center constructions, however can be adjusted to accommodate construction from 11.625" to 20" joist spacing (Fig. 1).

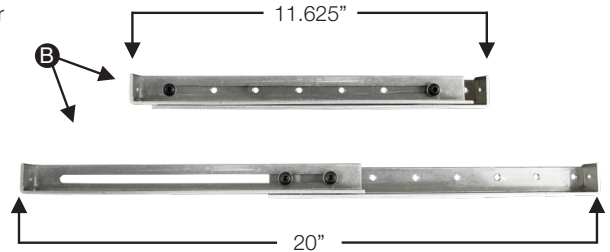


Fig. 1

2 Attach the brackets (B) to the speaker using the supplied 8/32 screws (C) and lock washers (D).

Tighten these screws just enough to allow movement for adjustment during installation.

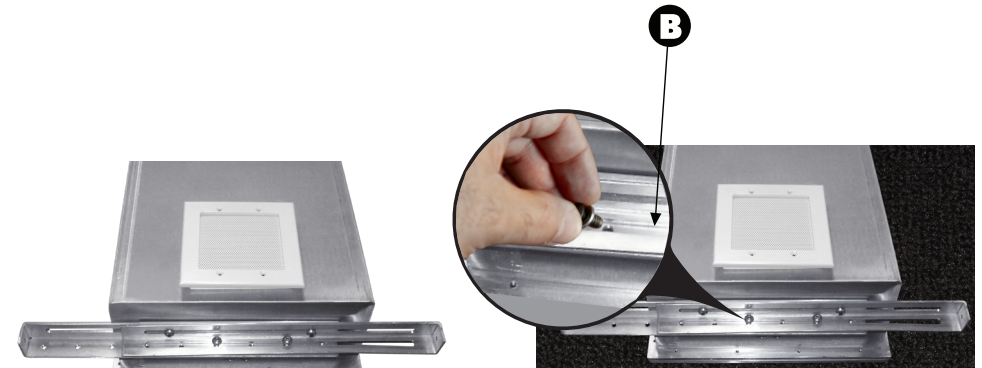


Fig. 3

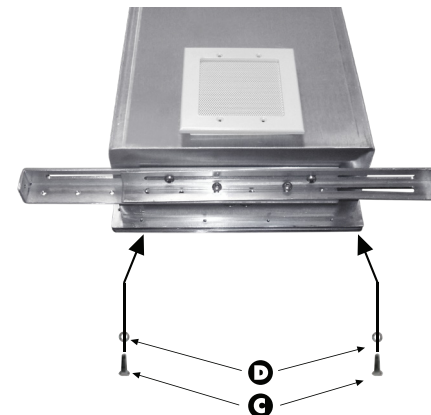


Fig. 2

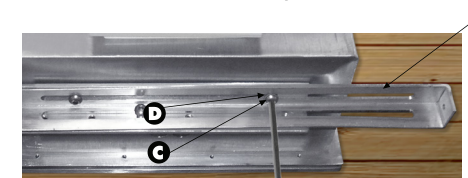


Fig. 4

SA101-4-SUB/SA54-4-SUB

Installation guide for the SA101-4-SUB/SA54-4-SUB In-Ceiling Small Aperture® Speaker



3 Mount temporary holders to joists

Cut a couple of 2 x 4s or 1 x 2s, a few inches wider than the ceiling joists. Then with a couple of drywall screws, mount the temporary holders to the joists. (Drywall screws not included).

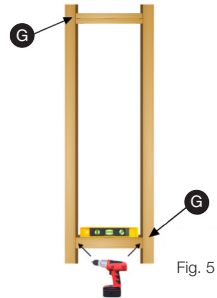


Fig. 5

These will help you hold the speaker up and make the speaker mount flush to the future drywall.



Fig. 6

4 Place the speaker on top of the temporary holders

Note: SA63-7 is pictured in steps 7, 8. Procedures for SA101-4-SUB/SA54-4-SUB are identical.

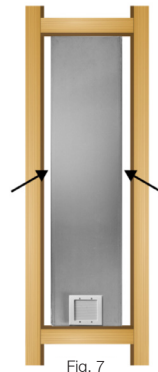


Fig. 7

5 Fix the brackets to the joists

Expand the bracket to fit from joist to joist (Fig. 8). Then fix to the joists using a drywall screw (Fig. 9). Make certain the bracket is flush with the joists (Fig. 10). (Drywall screws not included).

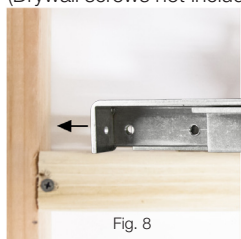


Fig. 8



Fig. 9

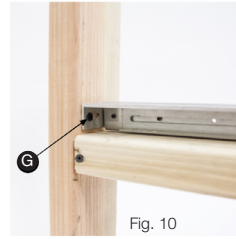


Fig. 10

6 Firmly secure the bracket to the speaker

Tighten screws enough to securely fix the bracket to the speaker enclosure. Be careful not to strip the threads on the brackets (Fig. 11).

You can adjust the side-to-side position of the speaker by sliding the bracket before tightening.



Fig. 11

7 Remove the temporary holders from the joists

Remove drywall screws and remove the temporary holders (Fig. 12a).



Fig. 12a

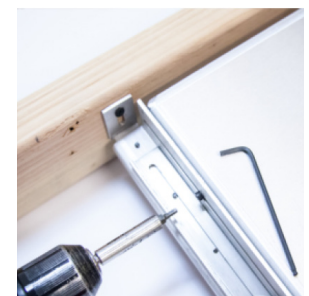


Fig. 12b

8 Double check that the face of the speaker is plumb with joist

Loosen the bracket slightly and adjust the speaker's position up or down as required (Fig. 13).



Fig. 13

9 Strip an insert wires into terminals

Minimum 18-gauge wire, use heavier gauges for longer wire runs.



Fig. 14