

SONANCE

PROFESSIONAL SERIES HIGH OUTPUT PENDANT LOUDSPEAKER QUICKSTART GUIDE

BOX CONTENTS

- (1) PS-P85T
- (1) Speaker Grille
- (1) Screw-On Top Cover
- (1) Euroblock Wire Connector
- (1) Variable Dispersion Horn
- (1) Collar Claw Removal Tool
- (1) Water-Resistant Terminal Boot

HANGING KIT CONTAINING

- (2) Stainless Steel Cables with Snap Hooks
- (2) Gripple® Hangers
- (1) Gripple® Adjustment Tool
- (1) Hanging Instructions

BEFORE YOU BEGIN

Install the appropriate dispersion assembly. Sonance Professional Series High Output Loudspeakers feature a magnetic interchangeable collar/horn assembly that can be swapped out to achieve the desired coverage. For wide coverage applications, leave the collar assembly in place (comes installed as default). For narrow coverage applications, remove the collar and install the horn. **The selector located on the baffle must be assigned to the appropriate position to match the installed assembly.**

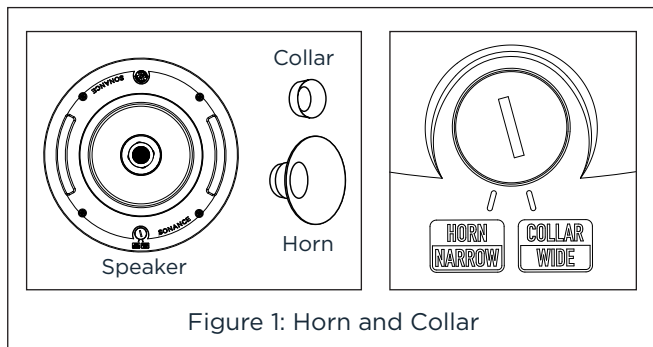


Figure 1: Horn and Collar

NOTE: Collar comes installed and switch selection is set to “Collar” as default setting out of the box.

INSTALLING THE SPEAKERS USING GRIPPLE SUSPENSION SYSTEM

CAUTION: Installation must be done by qualified persons using safe rigging standards. Use equipment only in accordance with manufacturer’s instructions. Do not alter or modify. Do not use equipment if the equipment is malfunctioning or defective.

1. Thread Gripple onto cable. Pass over ceiling anchor point or through other secure anchor point of the building structure. Installer is responsible for ensuring that anchor point is secure to building structure (see Figure 2).
2. Thread cable through top cover of speaker (see Figure 3).

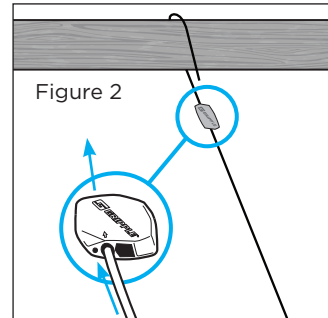


Figure 2

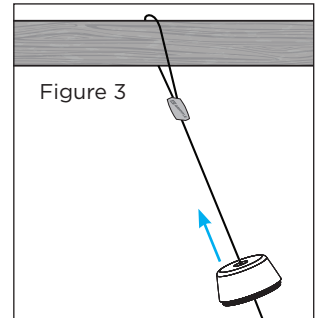


Figure 3

3. Pass tail end of cable through the other channel of the Gripple (see Figure 4).
4. With speaker supported, snap main support hook hanger onto the center hole in the top bracket of the speaker. Adjust to proper height by pulling cable through either end of Gripple (see Figure 5).

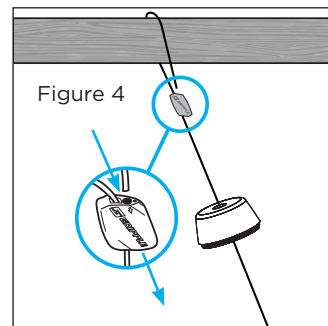


Figure 4

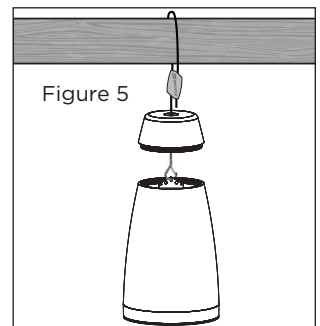


Figure 5

5. Snap secondary support safety cable hook hanger onto one of the side holes in the top bracket, and attach the top to a different ceiling support point of the building structure, per steps 1 and 2.
6. After height adjustment is final, trim any extra cable tail wires with trimmer suitable for 2mm (0.077”) diameter stranded aircraft-type cable. Screw back on top cover of speaker after speaker wire is connected (see Figure 7).

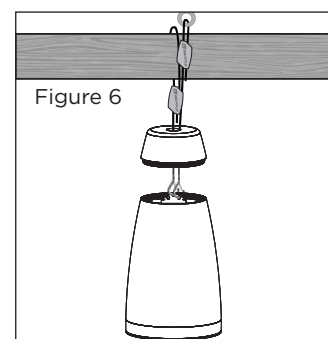


Figure 6

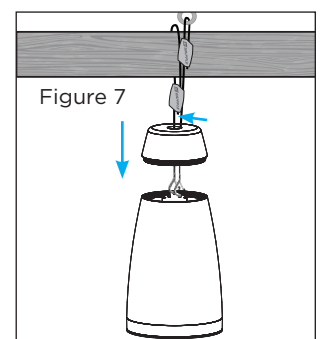


Figure 7

ADJUSTING SPEAKER HEIGHT

1. Make sure the weight of the load is supported.
2. Insert key into small hole at bottom of Gripple. Push in 0.25” (6.35mm) to release the cable (see Figure 9).

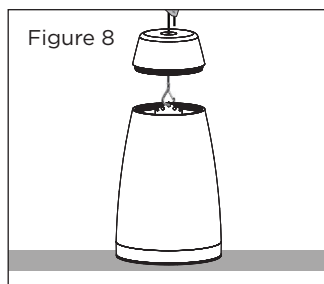


Figure 8

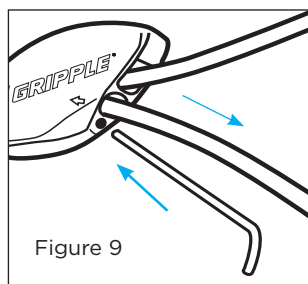


Figure 9

9. Adjust height (see Figure 10).

10. Remove key and re-secure the load (see Figure 11).

IMPORTANT: Speaker wire must have 12" (305mm) of extra length to act as a strain relief to prevent the Euroblock connector from becoming disconnected.

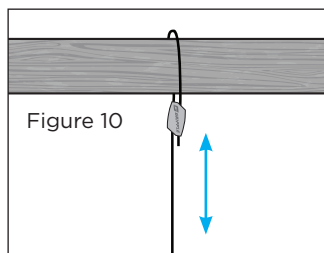


Figure 10

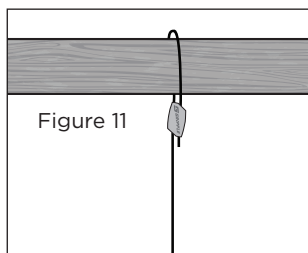


Figure 11

11. Connect the wires from your amplifier to the Euroblock connector (see Figure 12).

12. Feed speaker wire through the hole in the top of the Screw-On Top Cover. Determine length of wire needed to the connector. Add 12" (305mm) extra for strain relief (see Figure 13).

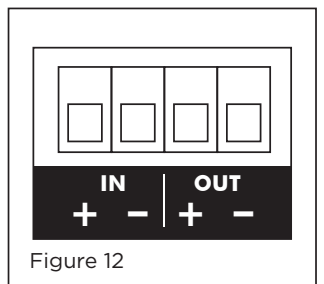


Figure 12

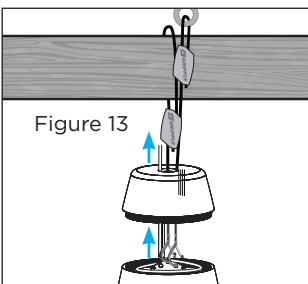
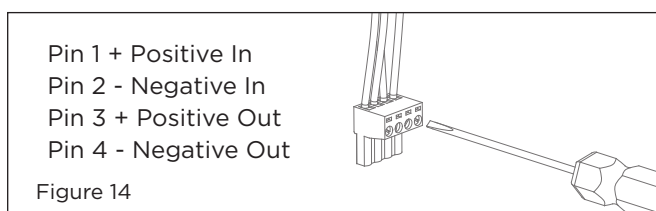


Figure 13

13. Strip approximately 0.1875" (5mm) of the insulation off each wire. Add the rubber guard onto the wire. Insert the wire into the correct square opening on the connector. Use a small flat head screwdriver to tighten the corresponding screw to secure the wire (see Figure 14).



Pin 1 + Positive In
Pin 2 - Negative In
Pin 3 + Positive Out
Pin 4 - Negative Out

Figure 14

14. When using multiple speakers you can connect the speakers either in parallel or in the loop through method (see Figure 16 and 17).

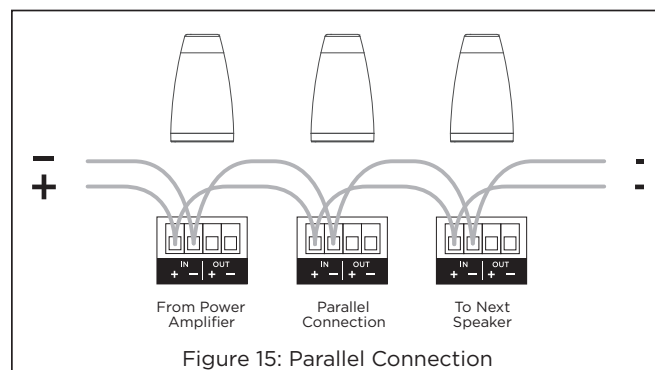


Figure 15: Parallel Connection

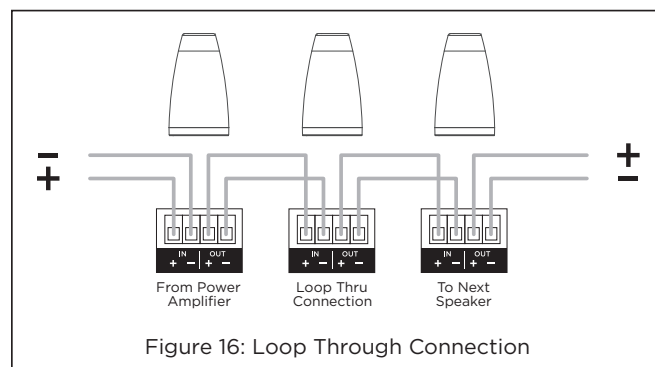


Figure 16: Loop Through Connection

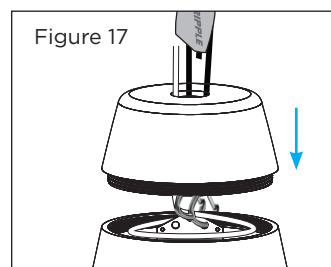


Figure 17

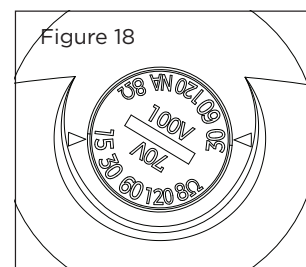


Figure 18

16. Lay the extra wire slack in a coiled circle on the top of the speaker enclosure and secure the top cover over the coil (see Figure 17).

17. Determine the proper wattage setting and set the selector tap for each speaker accordingly by aligning the arrow position with the 70/100V wattage value or 8 ohm bypass.

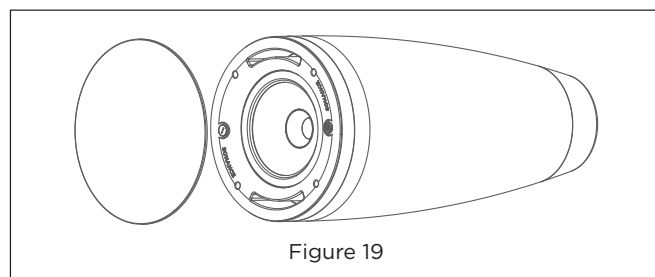


Figure 19

18. Fit the grille onto the speaker (see Figure 19).



For warranty information and detailed installation support, access the full manual here. For technical support call 949.492.7777 or visit www.sonance.com

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