BLENDSCSUB10 PORTED BASS

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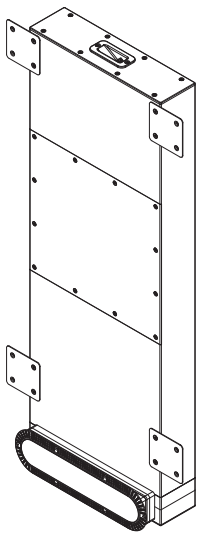
The BLENDSCSUB10 Ported Bass includes:

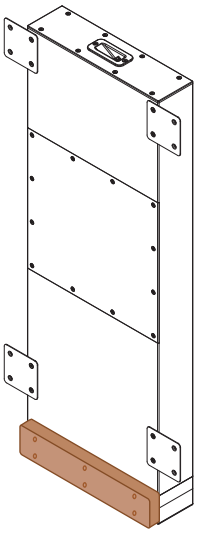
- Wood Protection Cover (1pc)
- Mounting Brackets (4pcs)
- Port Tube Spacer ⅛" (1pc)
- Port Tube Spacer ¼" (1pc)
- Port Tube Spacer ½" (1pc)
- M4 x 8mm Stainless Steel Metal Screws (8 pcs)
- 1" Stainless Steel Wall Stud Screws (8 pcs)
- M3 x 30mm Screws (6 pcs)
- 1 x Metal Protection Plate
- 1 x Cut-Out Template
- 1 x Quick-Start Guide

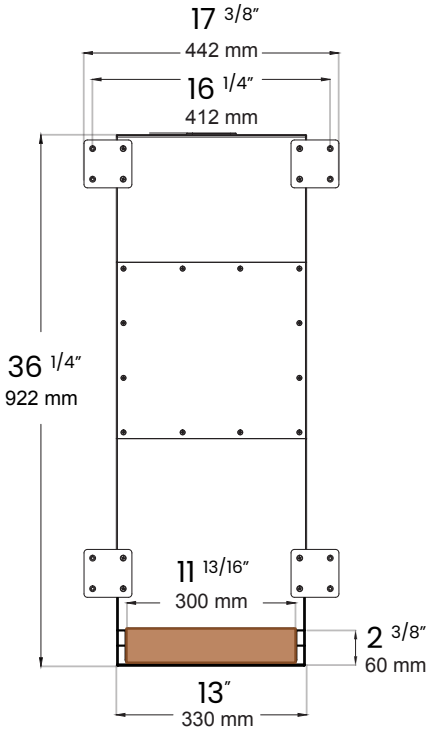
LINE DRAWINGS

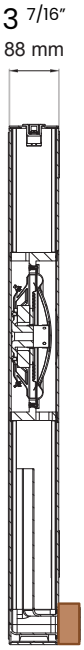
WITHOUT WOODEN PROTECTION COVER



WITH WOODEN PROTECTION COVER







RECOMMENDED APPLICATIONS

- The BLENDSCSUB10 Ported Bass **MUST** be installed in new construction during the PRE-WIRE PHASE.
- The BLENDSCSUB10 Ported Bass is designed to fit between 2" x 4" wall studs, with 16" (406mm) on-center framing ***(Image A)***.
- For information regarding Retrofit Installation, please refer to the manual.

*Please visit **docs.originacoustics.com** or **scan this QR code** using your smart device for the most up to date safety information and use instructions for this product.**

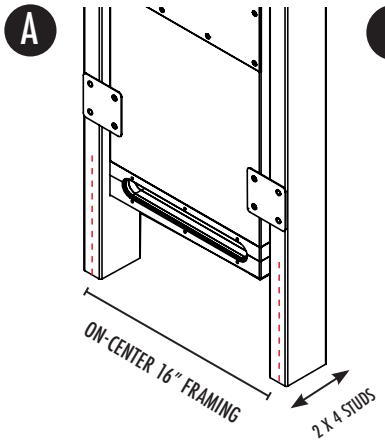
**All warranties and warranty conditions are subject to change.*

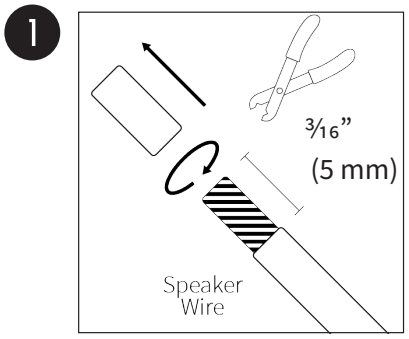
Please refer to docs.originacoustics.com for the latest information.

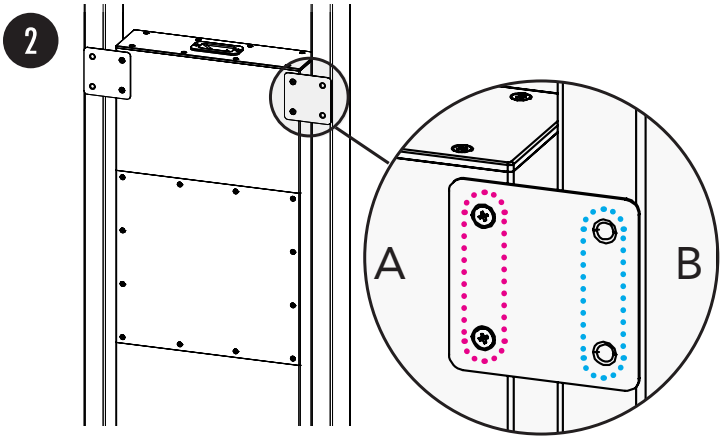
THE BLENDSCSUB10 IN-WALL SUBWOOFER IS DESIGNED FOR NEW CONSTRUCTION INSTALLATIONS, ONLY TO BE INSTALLED BEFORE DRYWALL INSTALLATION.

1. INSTALLATION OF WIRE TO THE AMPLIFIER

- Route cable from the amplifier to the speaker location. Whenever possible, feed the cable **DOWN** from the ceiling above.
- When routing cables, ensure cables are tied to the structure to avoid vibration, etc.
- Strip 3⁄16 inches (5 mm) of the cable insulation off both ends of the wires ***(Image 1)***.
- Connect the speaker wire to the amplifier, but do not turn on amplifier just yet.
- ***For runs of 50 feet (15m) or less, use 16 gauge wire.***
- ***For runs longer than 50 feet (15m), use 14 gauge wire.***







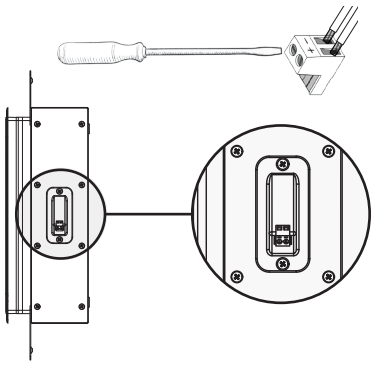
2. MOUNTING SUBWOOFER INTO FRAME

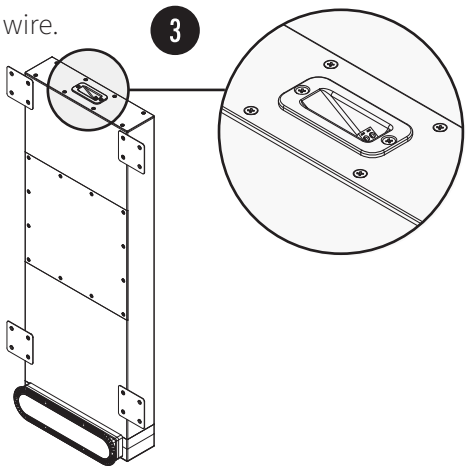
- First secure the 4 mount brackets onto the subwoofer enclosure ***(Image 2)***.
- ***Use the 2 INNER SCREW HOLES (A) on each mount bracket to secure the speaker to the bracket, using the M4 x 8mm screws.***
- Now, secure the subwoofer enclosure, in between the two side studs, in the desired framing location.
- ***Use the 2 OUTER SCREW HOLES (B) on each mount bracket to secure the bracket and speaker to the wall studs, using the 1" Wall Stud Screws.***

3. INSTALLATION OF WIRE TO THE SUBWOOFER

- Depending on how you ran the wires to the speaker location, the wires can be attached to the 2-PIN Connector at one end of the enclosure ***(Image 3)***.
- Use a small flat head screwdriver to tighten the phoenix connector screw, to secure the wire.

- ***The BLENDSCSUB10 Subwoofer uses a singular 2PIN connector and uses 2 x wire conductors.***
- ***Pay attention to speaker wire polarity, Positive (+) and Negative (-), when wiring to the amplifier speaker wires.***





4. TEST SPEAKER SOUND

• Turn on the amplifier and set the DSP for the BLENDSCSUB10. Play audio to confirm that you are getting low frequency, and pay attention to check for any ratting or vibration noise. **NOW IS THE TIME TO CORRECT POTENTIAL ISSUES.**

BEFORE WALL FINISHING, TEST EACH SPEAKER WITH MUSIC/PINK NOISE FROM AMPLIFIED SOUND SOURCE AT LISTENING VOLUME, TO ENSURE FULL SPEAKER FUNCTIONALITY

WE RECOMMEND TESTING THE SYSTEM AT THIS TIME TO ENSURE THE SPEAKER IS INSTALLED AND WORKING PROPERLY.

5. PORT-TUBE EXIT & CUSTOMIZABLE TRIM INSTALLATION

• Use a tape measure or ruler to accurately take a height measurement from the floor to the base of the subwoofer Port Tube Exit *(Image 4)*. **IDEALLY, THE PORT TUBE OPENING SHOULD BE AROUND 4”- 6” FROM THE FLOOR.**

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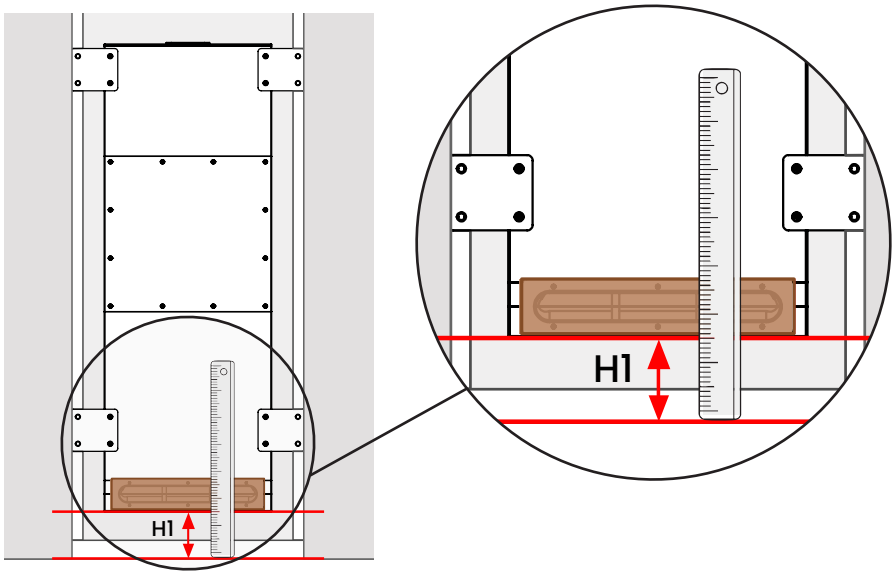

• Take the wall board and use the height measurement to the bottom of the Port Tube Exit (H1), as a reference line to place and center the Cut-Out Template on the wall board (assuming that the subwoofer is centered in the opening). ***(Images 5 & 6)***

• Next, trace along the inside of the Cut-Out Template to transfer the exact cut-out area on the wall board. ***(Image 6)***. Cut-Out Opening dimensions should be 11 ¹⁴⁄₁₆”W x 2 ⁷⁄₁₆”H (301 mm L x 61mm H).

• Use a saw to cut-out the Port-Tube Exit area from the wall board ***(Image 7)***.

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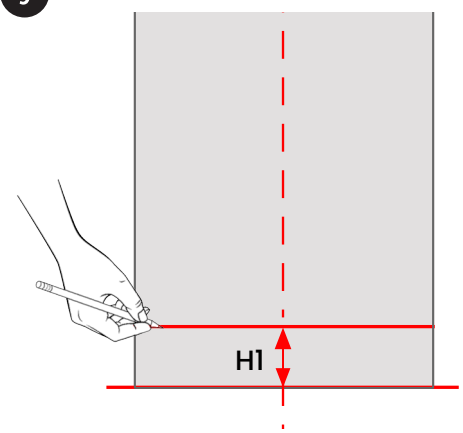

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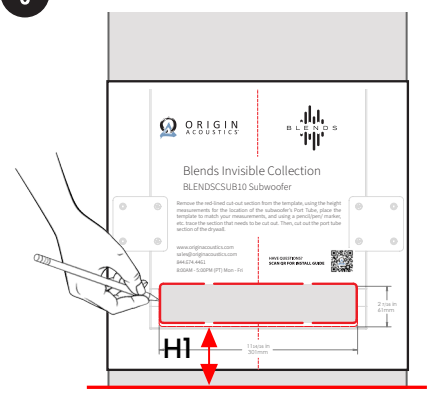

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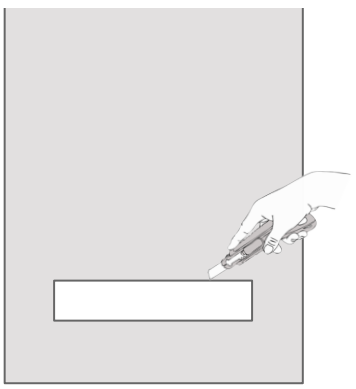
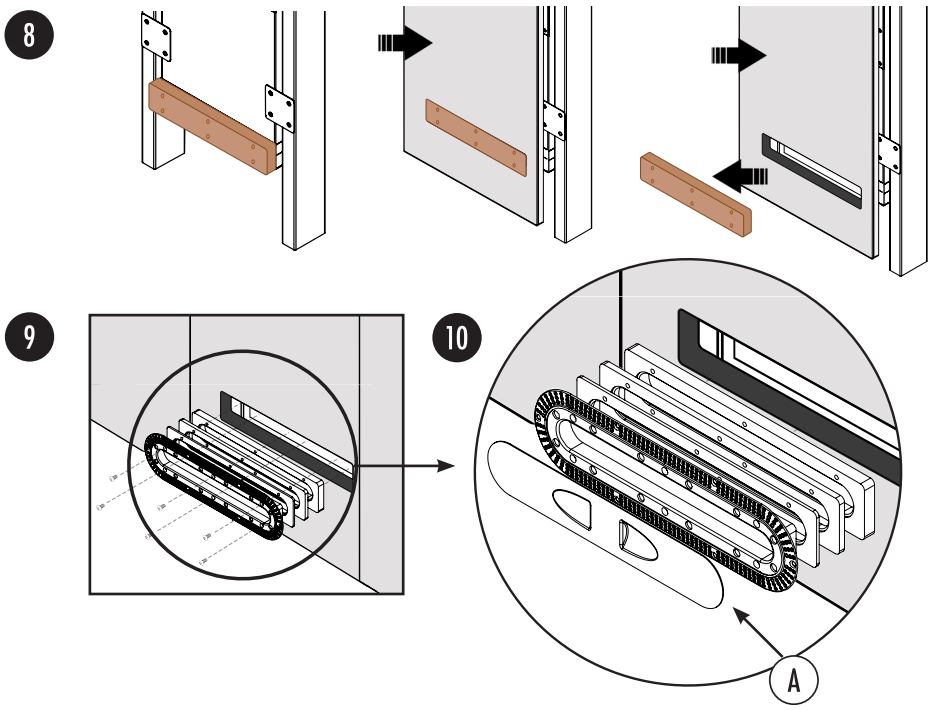


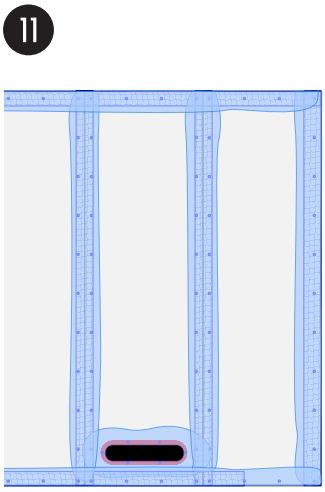
6. FIT & SECURE DRYWALL

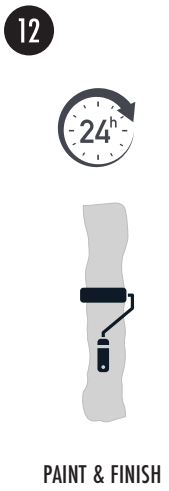
• Take the wall board with the cut-out opening for the Port-Tube and test fit the wall board panel over the Wood Protection Cover, to check that the opening fits. Adjust if needed.

• Next, secure the wall board into the framing studs. Then, remove the Wood Protection Cover ***(Image 8)*** so that the spacers and the Customizable Trim Ring can be added. ***(Image 9)***. Ensure they fit snugly, so the Customizable Trim Ring sits flush with the wall board panel, and secure with the **6 x M3 screws.**

• Next, place the Metal Protection Plate (A) inside the Customizable Trim Ring opening, to protect the Port-Tube from any debris during the mud process ***(Image 10)***.







7. ADDING MUD

• Now the drywall can be prepared/textured according to the required final room finish. You can add mud over the Customizable Trim Ring opening, as well as add the mud over the rest of the wall ***(Image 11)***.

• Apply the mud surface material, plaster & paint, over the Customizable Trim, and use mesh tape to cover any installation seams. Apply joint compound and level out compound to conceal seams. Make sure to mud up to the rim of the trim ring spacer. Ensure the environment is dry enough to allow plaster skim coats to dry within 24 hours, not days. ***(Image 12)***.

8. SAND SMOOTH

• Once dry, sand around the port perimeter, with fine grit sandpaper, to remove any mud plaster that may have fixed around the port opening. When the perimeter is completely smooth, use a vacuum cleaner to remove any dust that may have entered into the port.

• Once sanding is done, remove the Metal Protection Plate (A) and clean the area, to prepare it for final painting.

9. PAINT AND FINISH

• Once the sanding has been perfected, the face panel is ready for painting. Then, finalize by adding the paintable grille.