

Ultimate 10 in. Active Subwoofer, Black Textured, Single

The ULTIMATE ASUB10-B-T-EACH active subwoofer made by Origin Acoustics delivers exceptional low-end frequency extension for demanding residential installations.



Installation

Connections

NOTE: Gently pull away the grille from the surface of the subwoofer, make the connections and then reattach the grille to the front surface of the subwoofer. Refer to the section [Reattach the Grille](#) for more information.

Mandatory Connections:

1. Connect the analog unbalanced line level audio connection from the source to LINE IN RCA connector via RCA cable.
2. Connect the IEC power cable to A/C power.

Optional Connections:

1. Set the TRIGGER/AUTO switch to TRIGGER. Then, connect the TRIGGER input to the +12V trigger output of the audio source device.
2. Connect the parallel LINE OUT RCA connector to an additional subwoofer via RCA cable for an extra bass enhancement.
3. Connect the right-angle USB +5V power connection to the optional wireless signal extension kit.



In the Box

- 1 ULTIMATE ASUB10-B-T-EACH

Additional Items

- 6 RCA Cable with 90° Angle Connectors
- 4 Wall Screws
- 4 Drywall Anchors
- 4 Round Rubber Feet
- 2 Elongated Rubber Feet
- 1 Wall Mount Plate

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Attach the Mounting Feet

Follow the procedure to attach either set of the included mounting feet to the subwoofer:

- If using the elongated, channeled feet for standing the subwoofer up vertically:
Route the power cable and the RCA cables each through the channels on their respective feet. Then press the feet onto the bottom edge of the subwoofer at their respective silkscreen hashmarks to secure them in place.
- If using the four rounded feet to lie the subwoofer on its back surface horizontally:
Screw the four included posts into each of their respective holes at each corner of the back surface of the subwoofer. Once all four posts are screwed into place, cover each post with a rubber foot.
- If using the four rounded feet to lie the subwoofer on its front surface:
Remove the grille from the posts that are already installed and then cover those posts with the rounded feet.

Wall Mount

Follow the procedure to mount the subwoofer to a wall:

1. Hold the included mounting bracket against the wall and use a pencil to lightly mark the position of the screw holes.
2. Drill holes at the marked screw hole locations and install the four included drywall anchors.
3. Secure the mounting bracket to the wall using the screws.
4. Screw the four included posts into each of their respective holes at each corner of the back surface of the subwoofer.
5. Hang the subwoofer on the mounting bracket by fitting the posts into their respective holes in the bracket.

Reattach the Grille

Follow the procedure to reattach the grille to the front surface of the subwoofer.

1. Place the grille over the front surface of the subwoofer so all the openings in the columns at each corner of the grille align with their respective posts.
2. Gently press the grille into place, applying pressure at the corners over where the posts from the subwoofer will slide into the columns of the grille. It avoids warping the grille as you push it towards the subwoofer.

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Set the Switches and Knobs

The following section provides information on how to use the switches and knobs.

- Use the POWER switch to toggle between OFF and ON/STANDBY.
- On the TRIGGER/AUTO switch,
 - TRIGGER/AUTO set to TRIGGER – the unit will turn ON from STANDBY when the +12V trigger is detected.
 - or
 - TRIGGER/AUTO set to AUTO – the unit will turn ON from STANDBY when the signal at the LINE IN connection passes the signal detection threshold.
- Use the POLARITY switch for applications where the subwoofer is facing in a direction opposite to the other drivers in the listening environment.
 - POLARITY set to 0 degrees – the polarity of the incoming input signal is maintained at the output of the subwoofer.
 - or
 - POLARITY set to 180 degrees – the polarity of the incoming input signal is inverted at the output of the subwoofer.
- Use the LFE/CROSSOVER switch to determine whether the subwoofer's internal crossover should be included in the signal chain.
 - LFE/CROSSOVER set to LFE – the internal crossover is not included in the signal chain and the input signal must be filtered using an external Low Pass processor.
 - LFE/CROSSOVER set to CROSSOVER – the internal crossover is included in the signal chain and whatever frequency is selected on the CROSSOVER knob will be the center frequency for this Low Pass.

- Use the CROSSOVER knob to select the rolloff frequency of the low-pass filter for when the LFE/CROSSOVER switch is set to CROSSOVER.

Test out various values on this knob (in conjunction with the VOLUME knob) to achieve the optimal low end response for the acoustic environment on site.

- Use the VOLUME knob to set the output level of the subwoofer.

Power the Unit On

The following section provides information on how to use Power switch.

- The power switch will put the unit into either an ON/STANDBY or an OFF state.
- In ON/STANDBY, the subwoofer will change state depending on the setting of the TRIGGER/AUTO switch.

On the TRIGGER/AUTO switch,

- TRIGGER/AUTO set to TRIGGER – the unit will turn ON from STANDBY when the +12V trigger is detected.
- or
- TRIGGER/AUTO set to AUTO – the unit will turn ON from STANDBY when the signal at the LINE IN connection passes the signal detection threshold.

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Additional Information

The original language version of this document is U.S. English. All other languages are a translation of the original document.

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