

Subwoofer

Leviton Architectural Edition® Powered by JBL®



FEATURES

- 10-inch (250mm) high-output polycellulose woofer with 100-watt RMS (200-watt dynamic) digital power amplifier
- Dual rear ports optimize airflow and bass performance while minimizing audible distortion in the bass response
- 100W high efficiency Class-D amplifier
- Computer-optimized driver positioning with variable level, crossover, and phase controls for easy set-up and system integration
- Contemporary black cabinet with angled side and top panels, minimalist grille, and brushed metal trim

PHYSICAL SPECIFICATION

- Low-Frequency Transducer
10" (250mm) Polycellulose
- Dimensions
Depth: 16" (406mm)
Height: 14-5/16" (364mm)
Weight: 24lb (10.9kg)
Width: 14-5/16" (364mm)
- Color: Black with brushed metal trim
- Controls: Auto Power, Crossover, Level, Phase

PERFORMANCE SPECIFICATIONS

- Power
100W RMS (200W Dynamic)
- Power Requirement
100V-240V, 50/60Hz
- Power Consumption (Idle/Full/Power)
Less than 0.5W (standby) / 160W/2.1A (max - 120V) / 160W/1.5A (max - 230V)
- Frequency Response
41 Hz - 150 Hz
- Crossover Frequencies
50 Hz - 150 Hz (variable) 24 dB/octave

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

APPLICATION

The LAESW free-standing (non-installed), powered subwoofer offers the signature punch and accuracy of JBL bass with a sophisticated modern look and can be used to reinforce the performance of in-wall and in-ceiling installed speaker systems. This powered subwoofer incorporates a high-performance transducer and built-in amplifier that delivers the powerful and dynamic low-frequency performance that makes film soundtracks and music come alive.

Place unobtrusively behind furnishings to provide a high-impact, low-frequency acoustic foundation that completes the home theater listening experience. Adjustable phase, crossover, and individual volume controls allow the subwoofer to be matched to a wide range of listening rooms and systems.

Leviton Manufacturing Co., Inc. Global Headquarters

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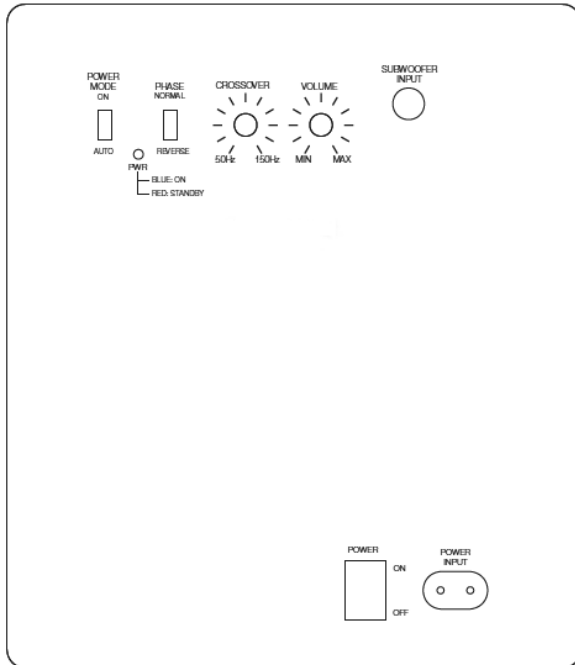
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SUBWOOFER REAR-PANEL CONTROLS AND CONNECTION



1) POWER MODE:

When switched to 'Auto' position, the subwoofer will then be in Standby mode. It will automatically turn on when an audio signal is detected and will return to the Standby mode when no audio signal is detected after approximately 10 minutes. Setting this switch to 'On' keeps the subwoofer powered until Power Switch is turned 'Off.'

2) ON/STANDBY LED:

When the Power Switch is in the 'On' position, this LED indicates the subwoofer is either in On or Standby state.

- When the LED glows blue, the subwoofer is turned On.
- When the LED glows red, the subwoofer is in the Standby mode.

3) PHASE SWITCH:

This switch determines whether the subwoofer transducer's piston-like action moves in and out in phase with the main speakers. If the subwoofer were to play out of phase with the main speakers, the sound waves from the main speakers could partially cancel out the sound waves from the subwoofer, reducing bass performance and sonic impact. This phenomenon depends in part on the placement of all the speakers relative to the listening position and to each other in the room

4) CROSSOVER CONTROL:

This control determines the highest frequency at which the subwoofer reproduces sounds. The higher you set the Crossover control, the higher in frequency the subwoofer will operate and the more its bass will "overlap" that of the speakers. This adjustment helps achieve a smooth transition of bass frequencies between the subwoofer and the speakers for a variety of different rooms and subwoofer locations.

5) VOLUME:

Use this control to adjust the subwoofer's volume. Turn the knob clockwise to increase the volume; turn the knob counterclock-wise to decrease the volume.

6) SUBWOOFER (LFE INPUT):

Connect the subwoofer to the dedicated subwoofer / LFE output of a receiver/processor.

7) POWER SWITCH:

Set this switch in the 'On' position to turn the subwoofer on. If you will be away from home, or will not be using the subwoofer for an extended period, set this switch in the 'Off' position to conserve energy.

8) POWER INPUT:

After you have made and verified the subwoofer's input connection, plug the power cord into an active, unswitched electrical outlet for proper operation of the subwoofer. DO NOT plug the power cord into the accessory outlets found on some audio components.

ORDERING INFORMATION

DESCRIPTION	CAT. NO.
Leviton Architectural Edition Powered by JBL 100W RMS, 200W Dynamic, Powered Subwoofer in Bass-Reflex Enclosure	LAESW-000

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