



L100 Classic 80 3-Way 12-inch (300mm) Bookshelf Loudspeaker

Quick Start Guide



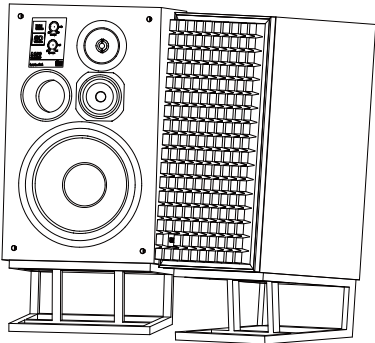
Overview

For more information on the set-up and operation of this product refer to the product page on the www.jbl.com/home-audio/ website. Should further assistance be required feel free to contact customer support at the numbers below.

Inside the US and Canada:	+1 888.691.4171
Outside the US and Canada:	+44 1707 668 012

Box Contents

- 2x L100 Classic 80 Loudspeakers
- 2x Quadrex Foam Grilles
- 2x JS-150 Speaker Stands
- 1x Quick Start Guide (This Document)

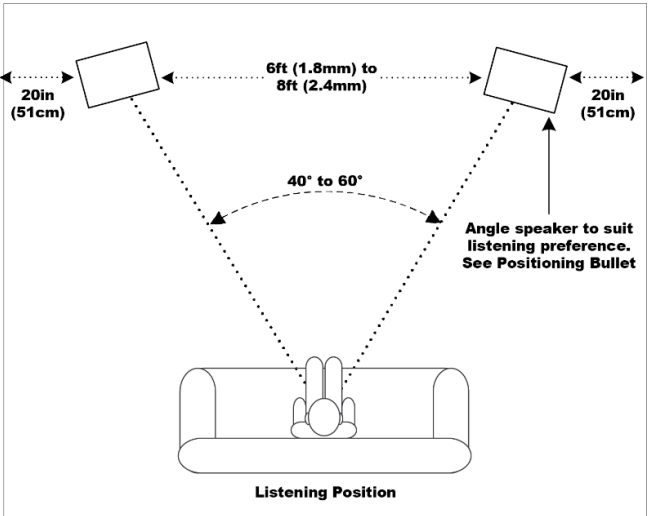


Specifications

Type:	12-inch (300mm) 3-way bookshelf loudspeaker
Low Frequency Driver:	12-inch (300mm) cast-frame Pure Pulp cone woofer with Dual Spider (JW300SW-8)
Mid Frequency Driver:	5-1/4-inch (130mm) Polymer-coated, Pure Pulp cone (JM125PC-8)
High Frequency Driver:	1-inch (25 mm) Titanium dome tweeter mated to acoustic lens and waveguide (JT025Ti2-4)
Recommended Amplifier Power:	25-200 Watts RMS
Impedance:	4 ohms
Loudspeaker Sensitivity:	90dB
Frequency Response:	40Hz-40kHz (-6dB)
Crossover Frequency:	450Hz, 3.5kHz
Finish:	Natural Oak veneer with Brown Quadrex Foam Grille
Dimensions (With Grille):	25.3" H x 15.4" W x 14.4" D (642.9mm x 389.9mm x 365.1mm)
Controls:	Attenuators for MF and HF Drivers
Input Type:	Dual sets of gold-plated Binding Posts
Product Weight (Each):	63 lb (28.6 kg) each
Shipping Weight:	179 lb (81 kg)
Shipping Units of Measure:	Pair
Speaker Stand:	JS-150

Placement and Positioning

- Before deciding where to place your speakers, survey your room and think about placement, using the illustration as a guide.
- Avoid placing the speakers near power amplifiers, heat registers or other objects that generate large amounts of heat.
- Avoid placing speakers in humid or dusty locations.
- Avoid placing speakers in direct sunlight or other intense light.
- Refer to the illustration for distances from walls, between the speakers, and angle to the listening position.
- The speakers should be raised so that the tweeter is approximately at ear level. The JS-150 speaker stand can be used to achieve the proper listening height and angle.
- Angle the speakers towards the listening position closer to the listeners ears for a stronger center image and away from the listening position further from the listeners ears for a more spacious image.

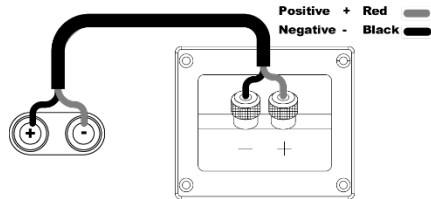


Wiring and Connections

IMPORTANT! Wiring Precautions

- Ensure that the positive (+) and negative (-) bare wire or spades **DO NOT** touch when connected to the binding posts as this will short out the amplifier channel.
- Ensure that the appropriate polarity is maintained from amplifier to speaker to ensure proper polarity for both speakers.

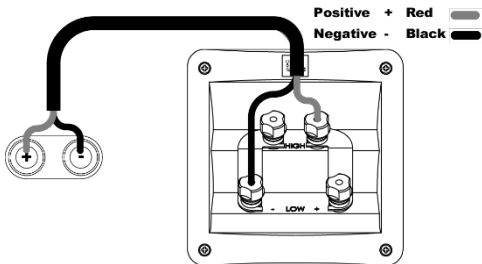
Basic Single-Wire Connection



4 Post Terminals

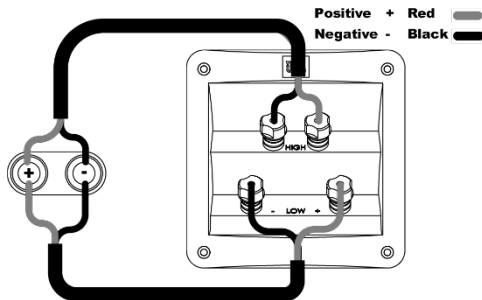
2- Wire Connections

We recommend using HF Positive and LF Negative.



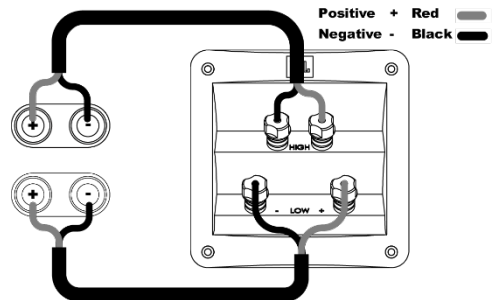
B-Wire Connections

Remove terminal straps before connecting.



Bi-Amp Connections

Remove terminal straps before connecting.



Controls and Adjustments

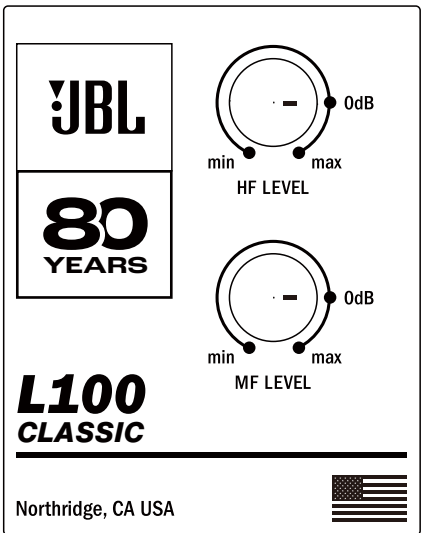
This speaker features level controls that can be used to adjust the level of the mid-range driver and tweeter independently from the level of the woofer. The default setting of 0dB represents a flat balance between all three drivers, however in some cases there may be a need to adjust the level of the tweeter and/or mid-range driver.

Mid Frequencies (MF Level) Adjustments

- For rooms where the mid frequencies sound more forward, lower the relative MF level by turning the knob counterclockwise.
- For rooms where the mid frequencies require more presence, raise the relative MF level by turning the knob clockwise.

High Frequencies (HF Level) Adjustments

- For rooms where the high frequencies sound bright, lower the relative HF level by turning the knob counterclockwise.
- For rooms where the high frequencies sound dim, raise the relative HF level by turning the knob clockwise.



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