



# L100 Classic 12-inch (300mm) 3-way Loudspeaker

## Quick Start Guide



### Overview

For more information on the set-up and operation of this product refer to the product page on the [jbl.com/specialty-audio/](http://jbl.com/specialty-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

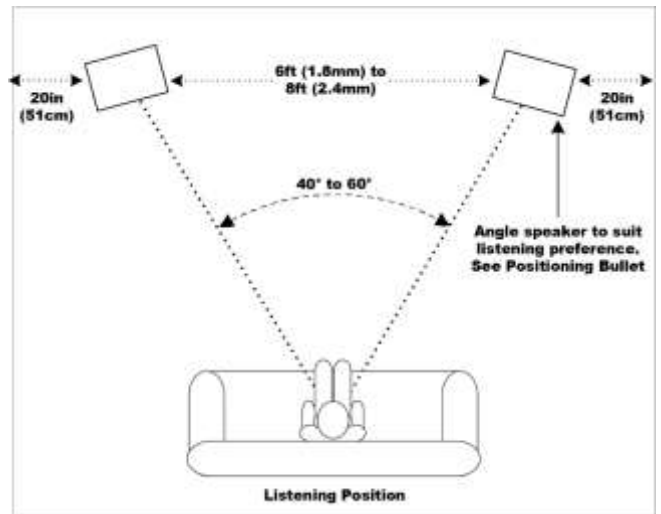
- 1x L100 Classic Edition Loudspeakers
- 2x Quadrex Foam Grilles
- 1x Quick Start Guide (This Document)

### Specifications

<b>Type:</b>	3-way bookshelf loudspeaker
<b>Low Frequency Driver:</b>	12-inch (300mm) Pure Pulp cone
	5-1/4 inch (130mm) Polymer-coated, Pure Pulp cone
<b>High Frequency Driver:</b>	1-inch (25 mm) Titanium dome with soft surround
<b>Recommended Amplifier Power:</b>	25-200 Watts RMS
<b>Impedance:</b>	4 ohms
<b>Loudspeaker Sensitivity:</b>	90dB
<b>Frequency Response:</b>	40Hz-40kHz (-6dB)
<b>Crossover Frequency:</b>	450Hz, 3.5kHz
<b>Finish:</b>	<ul style="list-style-type: none"> <li>Natural Walnut veneer with Black, Orange, or Blue Quadrex Foam Grille</li> <li>High Gloss Black with Black Quadrex Foam Grille</li> </ul>
<b>Dimensions (With Grille):</b>	25.06" H x 15.34" W x 14.625" D (636.6mm x 389.7mm x 371.5mm)
<b>Controls:</b>	Attenuators for MF and HF Drivers
<b>Input Type:</b>	Five-way gold-plated Binding Posts
<b>Product Weight (Each):</b>	74 lb (33.7 kg) each
<b>Shipping Weight:</b>	65 lb (29.3 kg) each
<b>Shipping Units of Measure:</b>	Single Speaker
<b>Recommended stand height:</b>	7in (180mm)
<b>Recommended Stand:</b>	JBL JS-120 or JS-150 (Sold Separately)

### 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-120 or JS-150 speaker stand (sold separately) 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.

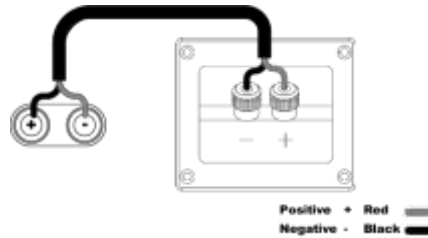


# Wiring and Connections

## 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 phase for both speakers.

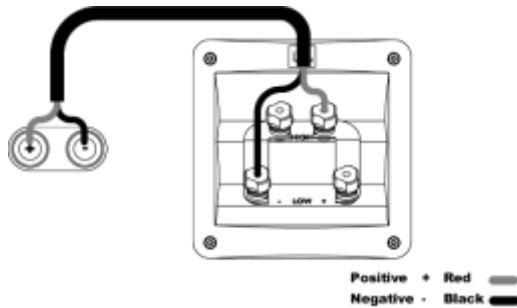
## 2 Post Terminals



## 4 Post Terminals

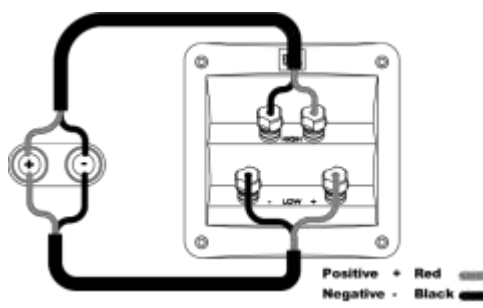
### 2-Wire Connections

We recommend using HF Positive and LF Negative.



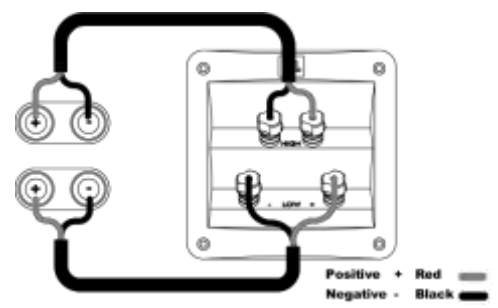
### B-Wire Connections

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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