

JBL



S50 **simple** **setup guide**

thank you for choosing JBL. For over 50 years, JBL has been involved in every aspect of musical and film recording and reproduction, from live performances to monitoring the recordings you play in your home, car or office.

We're confident that the **JBL loudspeakers** you have chosen will provide every note of enjoyment that you expected – and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL.

Please take a moment to complete the enclosed profile card. It enables us to keep you posted on our latest advancements, and helps us to better understand our customers and to build products that meet their needs and expectations.

JBL Consumer Products

one. Speaker Placement

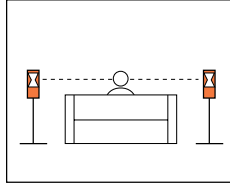
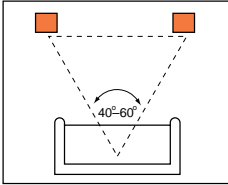
Proper placement of the speakers is an important step in obtaining the most realistic soundstage possible. These recommendations are for the optimum placement of the

loudspeakers. Use these placement recommendations as a guide. Slight variations will not diminish your listening pleasure.

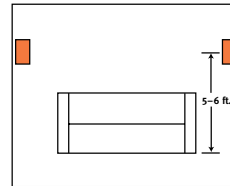
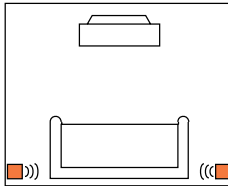
The S50 loudspeakers are video shielded and can be safely placed near a television.

S50

As Front Speakers

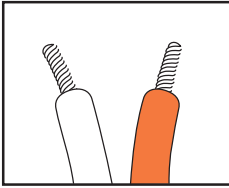


As Surround Speakers

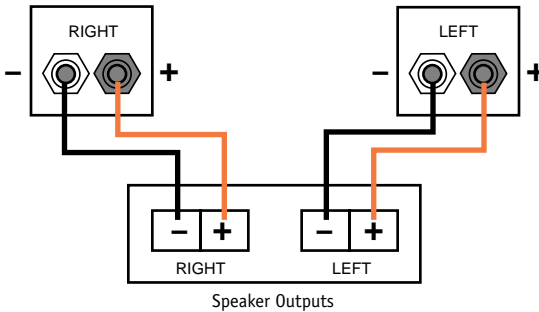


two. Speaker Connections

Connection Tips



Speakers and electronics terminals have corresponding (+) and (-) terminals. It is important to connect both speakers identically: (+) on the speaker to (+) on the amplifier and (-) on the speaker to (-) on the amplifier. Wiring “out of phase” results in thin sound, weak bass and a poor stereo image.



Troubleshooting

If there is no sound from any of the speakers, check the following:

- Receiver/amplifier is on and a source is playing.
- Review proper operation of your receiver/amplifier.

If there is no sound coming from one speaker, check the following:

- Check the “Balance” control on your receiver/amplifier.
- Check all wires and connections between receiver/amplifier and speakers.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.

If the system plays at low volumes but shuts off as volume is increased, check the following:

- Check all wires and connections between receiver/amplifier and speakers.
- Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured.
- If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier.

If there is low bass output, check the following:

- Make sure the polarities (+ and -) of the left and right “Speaker Inputs” are connected properly.

Specifications

S50

Frequency Response

45Hz – 20kHz (–6dB)

80Hz – 18kHz (±2dB)

Sensitivity

86dB @ 2.83 volts/1 meter

Recommended Maximum Amplifier Power*

100 watts

Nominal Impedance

8 ohms

Crossover Frequency

2300Hz

Low-Frequency Transducer

5-1/4"

High-Frequency Transducer

1" soft dome with Bi-Radial® horn

Dimensions (H x W x D)

13-5/8 x 6-7/8 x 10"

346 x 175 x 254mm

Weight

14 lbs/6.4 kg

Occasional refinements may be made to existing products without notice, but will always meet or exceed original specifications unless otherwise stated.

*The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.



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