



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL CINEMA 500. You'll find the answers to all your questions on the JBL CINEMA 500 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- User manual JBL CINEMA 500
- User guide JBL CINEMA 500
- Operating instructions JBL CINEMA 500
- Instructions for use JBL CINEMA 500
- Instruction manual JBL CINEMA 500



CINEMA 500

Home theater speaker system



QUICK-START GUIDE

THANK YOU FOR CHOOSING THIS JBL® PRODUCT

The Cinema 500 is a complete six-piece home theater speaker system that includes four identical, two-way, video-shielded satellite speakers, a dedicated, voice-matched, video-shielded center speaker with dual midrange drivers and an 8-inch (203mm), 150-watt powered subwoofer and all of the cables you need to connect all of the speakers to your audio/video receiver or preamp/processor and amplifier.

We're confident that this JBL system will provide every note of enjoyment that you expect – and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL products.

This quick-start guide contains all the information you need to set up, connect and adjust your new speaker system. For more in-depth information, go to our Web site: www.jbl.com.

INCLUDED ITEMS


4X


1X


1X


4X


4X


3X


1X


1X


3X
15 ft (4.5m)


2X
30 ft (9.0m)



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Manual abstract:

We're confident that this JBL system will provide every note of enjoyment that you expect and that when you think about purchasing additional audio equipment for your home, car or office, you will once again choose JBL products. This quick-start guide contains all the information you need to set up, connect and adjust your new speaker system. For more in-depth information, go to our Web site: www.jbl.com. INCLUDED ITEMS 1X 4X 1X 4X 8X 1X 1X 3X 15 ft (4.5m) 2X 30 ft (9.0m) SUBWOOFER REAR-PANEL CONTROLS AND CONNECTIONS On/Standby LED Crossover Control Phase Switch Power-On Mode Switch Subwoofer Level Control This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada. Line-Level In LFE Connector Line-Level In L/R Connectors Power Switch Power Cord On/Standby LED: When the Power-On Mode Switch is in the "Auto" position, this LED indicates whether the subwoofer is in the On or Standby state: · When the LED glows green, the subwoofer is turned on.

@@@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 satellite speakers. This adjustment helps achieve a smooth transition of bass frequencies between the subwoofer and the satellites for a variety of different rooms and subwoofer locations. @@@Phase Switch: This switch determines whether the subwoofer driver's piston-like action moves in and out in phase with the satellite speakers. If the subwoofer were to play out of phase with the satellite speakers, the sound waves from the satellites could partially cancel out the sound waves from the subwoofer, reducing bass performance and sonic impact.

@@@@@@@Use the supplied mono RCA cable (purple connectors) to connect the Line-Level In LFE Connector to the dedicated subwoofer output of a receiver or preamp/processor. Line-Level In L/R Connectors: These inputs pass through the subwoofer's built-in crossover. Use them if your receiver or preamp/processor does not have a dedicated subwoofer output that is lowpass filtered. Power Switch: Set this switch in the "On" position to turn the subwoofer on. The subwoofer will then be in On or Standby mode, depending on the setting of the Power-On Mode Switch.

Power Cord: After you have made and verified all subwoofer and speaker connections described in this manual, plug the power cord into an active, unswitched electrical outlet for proper operation of the subwoofer. DO NOT plug this cord into the accessory outlets found on some audio components. 2 PLACING THE SPEAKERS FRONT LEFT AND RIGHT SPEAKERS TV Front Left Speaker Front Right Speaker Center Speaker CENTER SPEAKER 0 2 ft (0 61cm) TV Front Left Speaker Front Right Speaker SURROUND SPEAKERS AND SUBWOOFER TV Front Left Speaker Surround Right Speaker Surround Left Speaker Center Speaker Front Right Speaker Subwoofer 5 6 ft (1.5m 1.8m) Surround Left Speaker Surround Right Speaker www.jbl.com 3 English SPEAKER MOUNTING OPTIONS SHELF-MOUNTING Satellites: 1. @@@@Center 7-11/16" (195.5mm) 1.

@@2. @@@@Be sure to use hardware that can support their weight. 3. Install the wall-hanging hardware on the walls. @@@@4. @@@Connect the speakers to your receiver or amplifier: 1. @@@@The subwoofer's LED will glow green when the subwoofer is on and will glow red when the subwoofer is in Standby. · If the Power-On Mode Switch is set to "On," the subwoofer will remain on at all times. The subwoofer's LED will glow green. If you will not be using the subwoofer for an extended period for instance, if you're going on vacation set the Power Switch to the "Off" position.

SUBWOOFER ADJUSTMENTS: CROSSOVER CONTROL @@@@The best way to set the Phase Switch is to listen to music that you know well and to set the switch in the position that gives drums and other percussive sounds maximum impact. CROSSOVER The Crossover Control adjusts the subwoofer's built-in crossover between 50Hz and 200Hz. The higher you set the Crossover Control, the higher in frequency the subwoofer will operate 50 (Hz) 200 and the more its bass will "overlap" that of the satellite speakers. This adjustment helps achieve a smooth transition of bass frequencies between the subwoofer and the satellites for a variety of different rooms and subwoofer locations. To set the Crossover Control, listen for the smoothness of the bass. If the bass seems too strong at certain frequencies, try a lower Crossover Control setting. @@@@Notes on Setting Subwoofer Volume: Sometimes the ideal subwoofer volume setting for music is too loud for films, while the ideal setting for films is too quiet for music. When setting the subwoofer volume, listen to both music and films with strong bass content and find a "middle ground" volume level that works for both. · If your subwoofer always seems too loud or too quiet, you may want to place it in a different location. Placing the subwoofer in a corner will always tend to increase its bass output, while placing it away from any walls or corners will always tend to lessen its bass output.

www.jbl.com 7 English SPECIFICATIONS CINEMA 500 SYSTEM Frequency response: 32Hz 20kHz (6dB) CINEMA 500 SATELLITE SPEAKERS Low-frequency transducer: High-frequency transducer: Recommended amplifier power: Nominal impedance: Sensitivity (2.83V/1m): Crossover frequency: Enclosure type: Connector type: Dimensions (H x W x D): Weight: Two 3" (75mm) PolyPlasTM cone, video-shielded 1" (25mm) titanium-laminate dome, video-shielded 100 watts 8 ohms 86dB 3.7kHz Sealed Push-spring terminal 11-3/8" x 4-3/4" x 3-3/8" (289mm x 121mm x 86mm) 3.2 lb (1.45kg) CINEMA 500 CENTER SPEAKER Low-frequency transducer: High-frequency transducer: Recommended power handling: Nominal impedance: Sensitivity (2.83V/1m): Crossover freque.



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