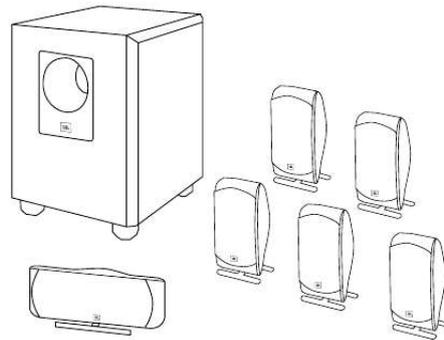




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL SCS 200.5 (220-240V). You'll find the answers to all your questions on the JBL SCS 200.5 (220-240V) in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual JBL SCS 200.5 (220-240V)**  
**User guide JBL SCS 200.5 (220-240V)**  
**Operating instructions JBL SCS 200.5 (220-240V)**  
**Instructions for use JBL SCS 200.5 (220-240V)**  
**Instruction manual JBL SCS 200.5 (220-240V)**



The SCS200.6 system is shown here.



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**Manual abstract:**

@@the manufacturers serial number is removed or forged. b. @@16. Warranty: The following items are not covered by the product warranty: a. Damage caused by inappropriate handling despite clear instructions provided in the owners manual. b. Damage to mechanical parts (such as record-/playback heads, moving rubber and plastic parts and fuses) as well as results of normal wear and tear. c. Damage caused by external action or influence. d. Damage caused by misuse by user. e. Damage caused by excessive electrical mains supply voltage or lightning strike. f. Damage caused by fire, water or smoke.

g. Damage known to buyer prior to purchase. h. Damage caused by professional employment of home entertainment products (e.g. for catering trade, restaurants, public address or infinite loop announcement use etc.) 17. If an outside antenna or cable system is connected to the product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA 70, provides information with regard to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an 1. Unpacking: Check the product carefully. If it has been damaged in transit, report the damage immediately by calling your dealer and/or the shipping company that delivered it. 2. Connections: Whenever changing, connecting or disconnecting signal or power cables etc., always turn off all equipment. This prevents transients from entering the equipment and prevents electrical energy from reaching you.

Keep all connections out of the reach of children. Before moving the unit, be certain to disconnect any interconnection cords with other components, and make certain that you disconnect any powered units from the AC outlet. 3. Read Instructions. All the safety and operating instructions should be read before the product is operated. 4. Retain Instructions. The safety and operating instructions should be retained for future reference. 5. Heed Warnings. All warnings on the product and in the operating instructions should be adhered to. 6. Follow Instructions. All operating and use instructions should be followed. 7.

Water and Moisture. The product should not be used near water for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like. 8. Accessories. To ensure proper operation and to avoid the potential for safety hazards, place the unit on a firm and level surface.

When placing the unit on a shelf, be certain that the shelf and any mounting hardware can support the product's weight. Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. 9. Wall or Ceiling Mounting. The product should be mounted on a wall or ceiling only when and as recommended by the manufacturer. 10. Cleaning.

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning. 11. Attachments. Do not use attachments not recommended by the product manufacturer, as they may cause hazards. 12. Replacement Parts. When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or that have the same characteristics as the original part.

Unauthorized substitutions may result in fire, electric shock or other hazards.

13. Safety Check. Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition. 14. Feet/Spikes.

When positioning, or moving this product ensure that it is lifted rather than dragged across any floor/mounting surface. This will avoid any damage to the floor/mounting surface. Attention! Products and/or product feet constructed Figure A. Example of Antenna Grounding as per National Electrical Code ANSI/NFPA 70 Antenna Lead-In Wire Ground Clamp Antenna Discharge Unit (NEC Section 810-20) Grounding Conductors (NEC Section 810-21) Electric Service Equipment Ground Clamps Power Service Grounding Electrode System (NEC Art. 250, Part H) 2 antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

See Figure A. 18. An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal. 19. Specifications: All product specifications/features are subject to change without notification. Passive Products: 20. Amplifiers: Amplifiers used to drive these units must deliver a sufficient output power. A lack of output power may lead to amplifier-clipping, which causes damage not covered by guarantee. Active (Powered) Products: 21.

Ventilation. Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to. Make certain that the proper space (more than 10cm) is provided both above and below the unit for ventilation. If the amplifier will be installed in a cabinet or other enclosed area, make certain that there is sufficient air movement within the cabinet, with means provided for hot air to exit and for cool air to be brought in. Do not obstruct the ventilation slots on the top of the unit or place objects directly over them. Remember, power amplifiers generate heat, and the heatsink fins and ventilation slots that form part of the cabinet are specially designed to remove this heat. Placing other electronic equipment near these heat-dissipation systems may possibly affect the long term reliability of both your amplifier and the objects placed above it. Do not place CDs, record jackets, owner's manuals or other paper on top of or beneath the unit or in between products containing amplifiers in a stack. This will block the air flow, causing degraded performance and a possible fire hazard. 22. Power Sources. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.



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For products intended to operate from battery power, or other sources, refer to the operating instructions. 23. Grounding or Polarization. This product may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way.

This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. 24. Power-Cord Protection. Powersupply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product. To avoid safety hazards, use only the power cord supplied with your unit. If a replacement cord is used, make certain that it is of a similar gauge. We do not recommend using extension cords with this product.

As with all electrical devices, do not run power cords under rugs or carpets or place heavy objects on power cords. Damaged power cords should be replaced immediately, by a qualified service technician, with cords meeting factory specifications. When disconnecting the power cord from an AC outlet, always pull the plug; never pull the cord. 25. Non-use Periods. The power cord of the product should be unplugged from the outlet when left unused for long periods of time. 26. Lightning. For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.

27. Overloading. Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock. 28. Damage Requiring Service.

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a. The power-supply cord or the plug has been damaged; or b. The product has been exposed to rain or water; or c. The product has been dropped, or the enclosure damaged; or f.

29. Object and Liquid Entry. Never spill liquid of any kind on the product. 30. Heat. Wall-mount brackets. Shelf stands. Powered subwoofer. One 4.6m (15') RCA interconnect cable for connection from reut TM.

However, these marks will be covered by the Metal Nut j. Step 6: Mount the Attachment Plate  $\epsilon$  into a wood stud on the wall, using four #10 pan-head wood screws at least one inch long (not supplied). 7 6 1 2 3 4 5 8 Step 4: Screw the Ball and Shaft  $\xi$  into the Threaded Insert  $\zeta$  on the back of the Satellite Speaker  $\eta$  until it is fully seated in the Threaded Insert  $\zeta$ , but do not tighten as you might dislodge the Threaded Insert  $\zeta$ . Such damage would not be covered under the warranty. Make sure that all four screws are driven into the stud and not into drywall. If the bracket needs to be mounted in drywall, the customer is responsible for selecting and using appropriate wall-anchors and screws. Important Note: The Metal Nut j must be fully tightened against the Satellite 7 Speaker  $\eta$  as described in Step 5 before beginning Step 7 in order to avoid damage to the Threaded Insert  $\zeta$ . Such damage would not be covered under the warranty. Step 7: Holding the Satellite Speaker  $\eta$  with both hands, reinsert the ball portion of the Ball and Shaft  $\xi$  into the Attachment Plate  $\epsilon$ . Step 8: Hand-tighten the Molded Nut TM while positioning the speaker for the desired orientation.

If the Molded Nut TM is difficult to tighten by hand, insert the Metal Bar into one of the holes in the outer edge of the Molded Nut TM and use the bar as a lever. Be careful not to cross-thread. The swiveling ball enables you to aim the speaker to one side or the other, or to tilt it up or down. Although stereo imaging may be improved by aiming the front speakers toward the listening position, especially for music selections, the surround speakers are intended to provide a diffuse, ambient sound that is best achieved by aiming the speakers straight out from the wall. Aiming the surround speakers toward the listening position may ruin the intended effect by calling too much attention to the information in those channels.

Step 9: Once the speaker's orientation has been finalized, insert the Metal Bar into one of the holes in the outer edge of the Molded Nut TM and tighten the Molded Nut TM securely. Keep the Metal Bar in a safe place in the event that you decide to adjust the speaker's orientation in the future. SPEAKER CONNECTIONS CONNECTION TIPS Separate and strip the ends of the speaker wire as shown. The wires supplied with the system may already be stripped and tinned for easy insertion into the speaker terminals. You may need to separate the two conductors further in order to thread them through the shelf stand or floor stand adaptor.

Speakers and electronics terminals have corresponding (+) and (-) terminals. Most manufacturers of speakers and electronics, including JBL, use red to denote the (+) terminal and black to denote the (-) terminal. The (+) lead of the speaker wire is noted with a stripe. 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. With the advent of multichannel surround sound systems, connecting all of the speakers in your system with the correct polarity remains equally important in order to preserve the proper ambience and directionality of the program material. To connect the supplied speaker wires to the satellite and center speaker terminals, press the red or black plastic cap for the desired terminal, insert the bare end of the wire into the hole below the cap and release the cap. Gently tug on the wire to make sure that it is fully inserted. To use the binding-post speaker terminals on the subwoofer, unscrew the colored collar until the passthrough hole in the center post is visible under the collar. Insert the bare end of the wire through this hole; then screw the collar down until the connection is tight.

The hole in the center of each collar is intended for use with banana-type connectors. To comply with European CE certification, these holes are blocked with plastic inserts at the point of manufacture. To use bananatype connectors requires the removal of the inserts. Do not remove these inserts if you are using the product in an area covered by the European CE certification. 8 DOLBY\* DIGITAL OR DTS® (OR OTHER DIGITAL SURROUND MODE) CONNECTION RECEIVER SUBWOOFER LFE OUT LINE LFE LEVEL IN L R Use this installation method for Dolby\* Digital, DTS® or other digital surround processors:

Use the line-level input jack marked "LFE" for the LowFrequency Effects channel.



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Connect this jack to the LFE output or subwoofer output on your receiver or amplifier. Connect each speaker to the corresponding speaker terminals on your receiver or amplifier. Make sure that you have configured your surround sound processor for "Subwoofer On". For the SCS200.6 system, the receiver should be configured for 6.

1-channel operation. For both the SCS200.5 and SCS200.6 systems, the front left, front right, center and rear speakers should all be set to "Small." If your receiver allows you to set the crossover frequency between the subwoofer and the main speakers, select 120Hz or the setting that is the closest frequency below it.

**DOLBY PRO LOGIC\* (NON-DIGITAL) LINE LEVEL** Use this installation method for Dolby Pro Logic\* applications (not Dolby Digital, DTS or other digital processing), where the receiver/processor is equipped with a subwoofer output, or a volumecontrolled preamp (line-) level output: Left Front + Use RCA-type interconnects to connect the line-level subwoofer outputs on your receiver or amplifier to the line-level inputs on the subwoofer. **IMPORTANT:** Do not use the LFE input on the subwoofer with Dolby Pro Logic processors. Center + Right Front + Subwoofer LineLevel In L R Receiver Left Front Subwoofer Out R L Right Front **NOTE:** If your receiver or amplifier only has one subwoofer output jack, then you will need to use a Y-connector (not included). Plug the male end of the Y-connector into your receiver or amplifier's subwoofer output jack, and connect each of the two female ends to separate RCA-type interconnects. Finally, plug the RCA-type interconnects into the linelevel inputs on the subwoofer.

Connect each speaker to the corresponding speaker terminals on your receiver or amplifier. Make sure your receiver or processor is correctly configured to indicate that the subwoofer is "On." Note for advanced users: If your receiver/processor has a built-in low-pass crossover filter for the subwoofer output, you may use the LFE input to bypass the subwoofer's internal crossover. + + + Left Surround Center Surround Back Right Surround + + + Left Surround + Surround Back + Right Surround + 9 **DOLBY PRO LOGIC (NON-DIGITAL) SPEAKER LEVEL** Use this installation method for Dolby Pro Logic applications (not Dolby Digital, DTS or other digital processing), where the receiver/processor does not have a subwoofer output, or a volumecontrolled preamp (line-) level output: Connect your receiver or amplifier's front left and right speaker terminals to the left and right terminals on the subwoofer that are marked "Speaker Level In." Connect the left and right terminals on the subwoofer that are marked "Speaker Level Out" to the corresponding terminals on the back of your front left and right speakers. Connect your receiver or amplifier's center, surround and surround back speaker terminals to the corresponding terminals on the back of your center and surround speakers. Left Front Center Right Front + + + Subwoofer OUT IN + R L + Receiver Left Front Center + + L R S P E A K E R L E V E L Right Front + + + Left Surround Surround Back Right Surround + + + Left Surround Surround Back Right Surround + + + Surround back speaker is used only in SCS200.6 system. 10 **OPERATION** Move the Master Power switch (marked "Power" ⏻) to the "On" position to use the SUB200 subwoofer. If you will be away from home for an extended period of time, or if the subwoofer will not be used, switch the Master Power switch ⏻ to the Off position.

⏻ **VOLUME** Subwoofer Level Volume may be adjusted using the Subwoofer Level control as shown. MIN MAX Subwoofer Level MIN MAX 11

**TROUBLESHOOTING** If there is no sound from any of the speakers: · Check that receiver/amplifier is on and a source is playing. · Check that the powered subwoofer is plugged in, and its Power switch ⏻ is switched on ("On" position). · 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, or touching each other. · Review proper operation of your receiver/amplifier. If there is no sound coming from one speaker: · 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, or touching each other. @@@@If the problem has followed the speaker, consult your dealer for further assistance or, if that is not possible, visit [www.jbl.com](http://www.jbl.com). If there is no sound from the center speaker: · Check all wires and connections between receiver/ amplifier and speaker.

Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured, or touching each other. · If your receiver/processor is set in Dolby Pro Logic mode, make sure the center speaker is not in phantom mode. · If your receiver/processor is set in one of the Dolby Digital or DTS modes, make sure the receiver/processor is configured so that the center speaker is enabled. If the system plays at low volumes but shuts off as volume is increased: · 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, or touching each other. · If more than one pair of main speakers is being used, check the minimum impedance requirements of your receiver/amplifier. If there is low (or no) bass output: · Make sure the connections to the left and right "Speaker Inputs" have the correct polarity (+ and -). · Make sure the subwoofer is plugged into an active electrical outlet, and is turned on (Power switch ⏻ in the "On" position). · In Dolby Digital or DTS modes, make sure your receiver/processor is configured so that the subwoofer and LFE output are enabled. 12 If there is no sound from the surround speakers: · 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, or touching each other. · Review proper operation of your receiver/amplifier and its surround sound features.

· Make sure the movie or TV show you are watching is recorded in a surround sound mode. If it is not, check to see whether your receiver/amplifier has other surround modes you may use.



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· In Dolby Digital or DTS modes, make sure your receiver/processor is configured so that the surround speakers are enabled. When all five satellites are in use, remember to configure your receiver or processor for 6.1-channel operation. · Review the operation of your DVD player and the jacket of your DVD to make sure that the DVD features the desired Dolby Digital or DTS mode, and that you have properly selected that mode using both the DVD player's menu and the DVD disc's menu. 13 SPECIFICATIONS SCS200.5/230 AND SCS200.6/230 SYSTEMS Frequency Response 35Hz 20kHz (6dB) SATELLITES

Maximum Recommended Amplifier Power 100 Watts Power Handling (Continuous/Peak) 50W/160W Nominal Impedance 8 Ohms Sensitivity 86dB @ 1 Watt/1 meter Frequency Response 110Hz 20kHz (6dB) Tweeter One 13mm (1/2") titanium-laminate dome, video-shielded Midrange One 75mm (3") driver, video-shielded Dimensions (H x W x D) (not including shelf stands) 184 x 102 x 89mm (7-1/4" x 4" x 3-1/2") Weight 0.8kg (1.

75 lb) CENTER Maximum Recommended Amplifier Power 100 Watts Power Handling (Continuous/Peak) 50W/200W Nominal Impedance 8 Ohms Sensitivity 88dB @ 1 Watt/1 meter Frequency Response 100Hz 20kHz (6dB) Tweeter One 13mm (1/2") titanium-laminate dome, video-shielded Midrange Dual 75mm (3") drivers, video-shielded Dimensions (H x W x D) (not including shelf stand) 102 x 292 x 89mm (4" x 11-1/2" x 3-1/2") Weight 1.4kg (3 lb) SUBWOOFER Amplifier 100 Watts RMS Frequency Response 35Hz 160Hz (6dB) Woofer 200mm (8") Enclosure Bass reflex Dimensions (H x W x D) (including feet) 413 x 279 x 349mm (16-1/4" x 11" x 13-3/4") Weight 12.7kg (28 lb) All features and specifications are subject to change without notice. \*Trademarks of Dolby

Laboratories. DTS is a registered trademark of Digital Theater Systems, Inc.

Declaration of Conformity We, Harman Consumer Group International 2, route de Tours 72500 Chateau-du-Loir France declare in own responsibility that the products described in this owner's manual are in compliance with technical standards: EN 61000-6-3:2001 EN 61000-6-1:2001 EN 55013:2001 EN 55020:2002 EN 61000-3-2:2000 EN 61000-3-3:1995+A1:2001 EN 60065:2002 Gary Mardell Harman Consumer Group International Chateau-du-Loir, France 05/04 OWNER'S GUIDE PRODUCT LINE: PRO SOUND COMES HOMETM JBL Consumer Products 250 Crossways Park Drive, Woodbury, NY 11797 Europe: 2, Route de Tours, 72500 Château du Loir, France www.jbl.com SURROUND CINEMA SPEAKERS MODEL: SCS200.5/230 and SCS200.

6/230 DESIGN GOAL: Bring the thrill of live performance and movie sound to the home environment by calling on JBL's professional engineering leadership. SATELLITE TYPE: Titanium-laminate-dome tweeter, © 2004 Harman International Industries, Incorporated JBL is a registered trademark of Harman International Industries, Incorporated. Part No.406-000-00955 sealed enclosure SUBWOOFER TYPE: Bass-reflex enclosure PORT DESIGN: FreeFlow™ flared PROFESSIONAL REFERENCE: Cinema Loudspeaker Series 14.



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