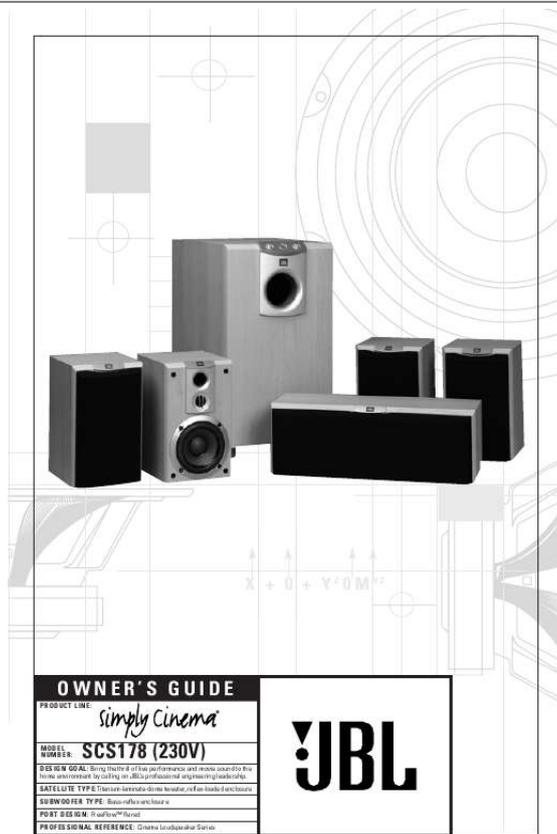




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL SCS 178 (220-240V). You'll find the answers to all your questions on the JBL SCS 178 (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 178 (220-240V)**  
**User guide JBL SCS 178 (220-240V)**  
**Operating instructions JBL SCS 178 (220-240V)**  
**Instructions for use JBL SCS 178 (220-240V)**  
**Instruction manual JBL SCS 178 (220-240V)**



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**Manual abstract:**

@@@ 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 damp 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 of rubber or plastics may, in seldom cases, react chemically and discolor treated or non-treated wooden surfaces if positioned without protection. 15. Warranty: The following conditions may result in a void product warranty: a. the manufacturer's serial number is removed or forged. b. if repairs and/or modifications and/or other treatments/tunings have been carried out by non-authorized personnel or accessories/supplements are attached, which are not approved by manufacturer/importer. 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 miss-use 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. Specifications: All product specifications/features are subject to change without notification. Passive Products: 18. 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: 19. 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 heatdissipation 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. 20. 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. For products intended to operate from battery power, or other sources, refer to the operating instructions. 21. 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. 22. Power-Cord Protection. Power-supply 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. General: 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. 8. Accessories.

9. Non-use Periods. 10. Lightning. 11. Overloading. 12. Damage Requiring Service. 13. The power-supply cord or the plug has been damaged; or b. 14. The product has been exposed to rain or water; or d.



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@@@The product has been dropped, or the enclosure damaged; or f. @@Servicing.

@@Refer all servicing to qualified service personnel. 28. Object and Liquid Entry. @@Never spill liquid of any kind on the product. @@29. Heat. @@@@@We're confident that the JBL system 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. JBL Consumer Products INCLUDED Four satellites for left/right front and surrounds. One center channel speaker. Powered subwoofer.

Two 6.1-meter (20-foot) speaker cables for connection from receiver to subwoofer. Two 4.6-meter (15-foot) speaker cables for connection from subwoofer to front speakers. Three 1.2-

2-meter (40-foot) speaker cables for connection from receiver to left and right rear satellites and center speaker. 3 SPEAKER PLACEMENT Front Speakers Center Channel Speaker 0 0.6m (0 2 ft.) Subwoofer Surround Speakers 150-180 cm The front speakers should be placed the same distance from each other as they are from the listening position. They should be placed at about the same height from the floor as the listeners' ears will be, or they may be angled toward the listeners.

The center channel speaker should be placed slightly behind the front left and right speakers, and no more than two feet above or bet Front Subwoofer LineLevel In L R Receiver Left Front Subwoofer Out Right Front LFE input on the subwoofer with Dolby Pro Logic processors. Note: If your receiver or amplifier only has one subwoofer output jack, then you will need to use a Yconnector (not included). Plug the male end of the Yconnector into your receiver or amplifier's subwoofer output jack, and connect each of the two female ends to separate RCA-type patch cords. Finally, plug the RCA-type patch cords into the line-level inputs on the subwoofer. Connect each speaker to the corresponding speaker terminals on your receiver or amplifier. + R L + Left Rear Center Right Rear + + + Left Surround + Right Surround + Dolby Digital or DTS® (or Other Digital Surround Mode) Connection RECEIVER SUBWOOFER LINE LEVEL IN LFE OUT LFE INPUT 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. 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 surroundsound processor for "Subwoofer On." The front left, front right, center and rear speakers should all be set to "Small.

" Note: When using the LFE input, the subwoofer's Crossover control is NOT active, because this function is controlled by your surround processor. When using the LFE input, set the subwoofer's Volume control to "Max" and calibrate the subwoofer level along with the other speakers according to the set-up instructions in the owner's manual for your surround receiver/amplifier. 8 O P E R A T I O N Press the Master Power Switch (marked Power j) to the ON position to use the subwoofer. When your receiver or amplifier is off, or is not sending program material to the subwoofer, the subwoofer will be in standby mode. When the subwoofer senses an audio signal, it will automatically turn itself on. If the subwoofer does not sense a signal after approximately twenty minutes, it will automatically go into standby mode. 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 j to the "OFF" position. PHASE The Phase Control TM determines whether the subwoofer's pistonlike action moves in and out in phase with the main speakers or opposite the main speakers. This is adjusted by pressing the button to the 0°, or 180° position. The 0° position of the phase button plays the bass signal in phase with the main speakers.

The 180° position plays the bass signal 180°, or out of phase with the main speakers. Proper phase adjustment depends on several variables such as subwoofer placement and listener position. Adjust the phase switch to optimize bass output at the listening position. Every system, room and listener is different. There are no right or wrong settings.

This switch offers the added flexibility to adjust your subwoofer for optimum performance for your specific listening conditions without having to move your speakers. If at some time in the future you happen to rearrange your listening room, and move your speakers, you should experiment with the phase switch in both positions, and leave it in the position that optimizes bass performance for your taste. € ; £ TM HIGH LEVEL +L R+ OUT IN LINE LEVEL IN LFE L 0° PHASE 180° R IMPORTANT: CONNECT STRIPED WIRE TO RED (+ ) SPEAKER TERMINAL. CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN AC 230V~50Hz 200 Watts Volume Volume can be adjusted using the Subwoofer Volume Control £, as shown. Crossover The crossover filter between the subwoofer and satellites can be adjusted using the Crossover Control €.

The Subwoofer Level optimum setting for the SCS178 system is with the Crossover Control € set to the "Min" position. Subwoofer Level MIN MAX MIN MAX 9 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, its Power switch j is switched on to the "ON-" position. @@Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. · Review proper operation of your receiver/amplifier. @@@@@Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. @@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. · 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 Dolby Digital or DTS® mode, 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: @@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.



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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. · Make sure the powered subwoofer is plugged in and switched on. · In Dolby Digital or DTS® modes, make sure your receiver/processor is configured so that the subwoofer and LFE output are enabled.

If there is no sound from the surround speakers: @ Make sure all wires are connected. Make sure none of the speaker wires are frayed, cut or punctured. · 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 if your receiver/ amplifier has other surround modes you may use.

· In Dolby Digital or DTS® modes, make sure your receiver/processor is configured so that the surround speakers are enabled. · 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. 10 Declaration of Conformity We, Harman Consumer International 2, route de Tours

72500 Château-du-Loir France declare in own responsibility, that the product described in this owner's manual is in compliance with technical standards: EN 60065:1998 EN 55013/A14:1999 EN 55020/A14:1999 EN 61000-3-2/A14:2000 EN 61000-3-3/1.1995 EN 50081-1:1992 EN 50082-1:1992 Luc Emmanuel

Godard JBL, Harman Consumer International France, 08/01 11 S P E C I F I C A T I O N S SCS178 Satellite Frequency Response (-6dB): Sensitivity (2.83V/1m): Nominal Impedance: Recommended Amplifier Power Drive Units: Dimensions (H x W x D): Weight: 90Hz 22kHz 86dB 4 Ohms 25 100 Watts RMS per Channel 12mm Polyamide/Titanium Laminate Video-shielded HF 100mm Paper Cone Video-shielded Mid/Bass 235mm x 140mm x 179mm (9.3" x 5.5" x 7") 2.8kg (6.2lb) SCS178 Center Frequency Response (-6dB): Sensitivity (2.83V/1m): Nominal Impedance: Recommended Amplifier Power Drive Units: Dimensions (H x W x D): Weight: 100Hz 22kHz 88dB 4 Ohms 25 100 Watts RMS per Channel 12mm Polyamide/Titanium Laminate Video-shielded HF Dual 100mm Paper Cone Video-shielded Mid/Bass 145mm x 402mm x 155mm (5.7" x 15.8" x 6.1") 4.5kg (9.9lb) SCS178 Active Subwoofer Low Frequency Cut-off: High Frequency Cut-off: Built-in Power Amplifier: Drive Unit: Dimensions (H x W x D): Weight: 35Hz 40 Hz - 160Hz Variable 100 Watts RMS 200mm Paper Cone Long Throw Driver.

Bass Reflex Enclosure 450mm x 250mm x 360mm (17.7" x 9.8" x 14.2") 13.6kg (30lb) SCS178 System Frequency Response (-6dB): 35Hz 20kHz Refinements may be made on occasion to existing products without notice, but will always meet or exceed original specifications unless otherwise stated. Simply Cinema is a registered trademark of JBL, Incorporated. \* Dolby and Pro Logic are trademarks of Dolby Laboratories. DTS® is a registered trademark of Digital Theater Systems, Inc. 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 ©2001 JBL, Incorporated. JBL is a registered trademark of JBL, Incorporated. Part No.1111-SCS178 MODEL NUMBER: SCS178 (230V) 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, reflex-loaded enclosure SUBWOOFER TYPE: Bass-reflex enclosure PORT DESIGN: FreeFlow™ flared PROFESSIONAL REFERENCE: Cinema Loudspeaker Series .



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