



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for JBL ESC230. You'll find the answers to all your questions on the JBL ESC230 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual JBL ESC230
User guide JBL ESC230
Operating instructions JBL ESC230
Instructions for use JBL ESC230
Instruction manual JBL ESC230

JBL simply Cinema®

**ESC
230**

**Simple Setup Guide
120V**

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



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Manual abstract:

For more than 50 years, JBL has been involved in every aspect of music and film recording and reproduction, from live performances to the recordings you play in your home, car or office. 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. 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 read first! Important Safety Precautions! CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN CAUTION: To prevent electric shock, do not remove the grounding plug on the power cord, or use any plug or extension cord that does not have a grounding plug provided. Make certain that the AC outlet is properly grounded. Do not use an adapter plug with this product. The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. 1. Read Instructions. All the safety and operating instructions should be read before the product is operated. 2. Retain Instructions. The safety and operating instructions should be retained for future reference. 3. Heed Warnings. All warnings on the product and in the operating instructions should be adhered to. 4. Follow Instructions. All operating and use instructions should be followed. 5. Cleaning. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning. 6. Attachments. @7. Water and Moisture.

@8. Accessories. @@@@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. A Product and Cart Combination Should Be Moved with Care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn. 10. Ventilation. @@@@11.

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. 12.

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. 13. 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. 14. Nonuse Periods. The power cord of the product should be unplugged from the outlet when left unused for long periods of time. 15. Outdoor Antenna Grounding.

@@@@See Figure 1. 16. Lightning. @@@@17. Power Lines. @@@@18. Overloading. Do not overload wall outlets, extension cords, or integral convenience receptacles, as this can result in a risk of fire or electric shock. 19. Object and Liquid Entry. Never push objects of any kind into this product through openings, as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product. 20. Servicing. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage or other hazards.

Refer all servicing to qualified service personnel. 21. Damage Requiring Service. 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. Objects have fallen onto, or liquid has been spilled into, the product; or c. The product has been exposed to rain or water; or d. The product does not operate normally when following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation; or e. The product has been dropped or damaged in any way; or f. The product exhibits a distinct change in performance; this indicates a need for service. 22. 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. @23.

Safety Check. @24. Wall or Ceiling Mounting. @25. Heat. @250, Part H) Part No. @Wall-Mounting Your Satellites The satellites may be wallmounted. @@@@Part No. FS10/20. Rotating logo.

@Release the tab and give the speaker wire a gentle tug. If it's in properly, it won't "give" at all. If it slides, repeat the procedure. @@@Northridge, California.

USA _ SUB FRONT SPEAKERS RIGHT _ LEFT SPEAKER IMPEDANCE: 8 + + _ REAR SPEAKERS RIGHT _ LEFT CENTER + + SUBWOOFER _ + _ SPEAKER+ F 1.6A LEFT RIGHT FRONT REAR 6 CHANNEL INPUT Manufactured under license from Dolby Laboratories Licensing Corporation "Dolby", the double-D symbol and "Pro Logic" are trademarks of Dolby Laboratories Licensing Corporation. CENTER CAUTION RISK OF ELECTRIC SHOCK LEFT RIGHT LEFT RIGHT LEFT RIGHT DO NOT OPEN AVIS: RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR INPUT 1 INPUT 2 OUTPUT 1/2 MODEL AC SUPPLY INPUT POWER FUSE : ESC230 : 120VAC / 60HZ~ : 140 Watts : F 1.6A Rear Right Speaker Rear Left Speaker 6 + CAUTION: DISCONNEby Laboratories Licensing Corporation "Dolby", the double-D symbol and "Pro Logic" are trademarks of Dolby Laboratories Licensing Corporation. CAUTION: DISCONNECT SUPPLY CORD BEFORE CHANGING FUSE FOR CONTINUED PROTECTION CAUTION: SEE OPERATION MANUAL AGAINST RISK OF FIRE.

REPLACE ONLY WITH SAME TYPE FUSE. ATTENTION: DEBRANCHER AVANT DE REMPLACER LE FUSIBLE. @Northridge.



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California. @@REPLACE ONLY WITH SAME TYPE FUSE. ATTENTION: DEBRANCHER AVANT DE REMPLACER LE FUSIBLE. @@The surround channels have a 20-ms delay. @@@@Using the remote control, adjust the Center and Surround levels until the volume of all the speakers is the same during the test. The test tone is used to calibrate the performance of the system. When listening to an actual recording, the volume level of the surround channels is generally much lower than that of the front channels.

@@Dolby Pro Logic, Hall and Concert Modes 1. Push the Test button on the remote control. 2. @@3. @@6-Channel Input 1. Push the Test button on the remote control. The test tone will cycle through all channels. 2. @@3. @@4.

@@@6-CH STEREO + + + BASS BOOST FRONT LEFT BALANCE FRONT RIGHT PRO LOGIC REAR L/REAR R POWER INPUT PRO LOGIC 6-CHANNEL HALL/CONCERT STEREO DIGITAL DIRECT ESC230 Surround Processor/Amplifier 6-CHANNEL DIGITAL DIRECT INPUTS VOLUME + CTR / REAR LEVEL + BASS + TREBLE CENTER BASS BOOST F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP ESC230 ® TM 11 Volume Push Volume+ to raise the system volume or Volume to lower the system volume. VOLUME CTR/REAR LEVEL CENTER TREBLE BASS + + + BASS BOOST FRONT LEFT BALANCE FRONT RIGHT MUTE POWER REAR L/REAR R MUTE ESC230 Surround Processor/Amplifier POWER POWER INPUT PRO LOGIC 6-CHANNEL HALL/CONCERT STEREO DIGITAL DIRECT TEST BASS BOOST 6-CHANNEL DIGITAL DIRECT INPUTS TEST INPUT BASS BOOST INPUT HALL/CON. 6-CH STEREO HALL/CON. 6-CH STEREO VOLUME PRO LOGIC VOLUME + + + PRO LOGIC VOLUME VOLUME + CTR / REAR LEVEL + BASS + CTR / REAR LEVEL + BASS TREBLE + TREBLE CENTER CENTER F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP ESC230 ® TM ESC230 ® TM 10 12 Center Channel 1. Push Center.

2. The word CENTER will be illuminated on the display. MUTE POWER TEST BASS BOOST INPUT VOLUME CTR/REAR LEVEL TREBLE BASS CENTER + HALL/CON. 6-CH STEREO + + + BASS BOOST FRONT LEFT BALANCE FRONT RIGHT PRO LOGIC REAR L/REAR R POWER INPUT PRO LOGIC 6-CHANNEL HALL/CONCERT STEREO DIGITATREBLE CTR / REAR LEVEL + CTR / REAR LEVEL CENTER BASS TREBLE + BASS + TREBLE CENTER CENTER FRONT LEFT F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP BALANCE FRONT RIGHT F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP REAR L/REAR R ESC230 ® TM ESC230 ® TM ESC230 ® TM 12 15 Bass and Treble Push Bass v to increase the level of low frequencies. Push Bass w to decrease the level of low frequencies.

Push Treble v to increase the level of low frequencies. Push Treble w to decrease the level of low frequencies. VOLUME CTR/REAR LEVEL CENTER TREBLE BASS MUTE POWER + + + BASS BOOST FRONT LEFT BALANCE FRONT RIGHT MUTE POWER TEST BASS BOOST INPUT POWER INPUT PRO LOGIC 6-CHANNEL HALL/CONCERT DIGITAL DIRECT STEREO REAR L/REAR R TEST ESC230 Surround Processor/Amplifier BASS BOOST INPUT 6-CHANNEL DIGITAL DIRECT INPUTS HALL/CON. 6-CH STEREO HALL/CON. 6-CH STEREO PRO LOGIC PRO LOGIC VOLUME + VOLUME + CTR / REAR LEVEL + BASS CTR / REAR LEVEL + + BASS + TREBLE TREBLE BASS BASS CENTER CENTER + F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP + F/L LEVEL UP F/R LEVEL UP REAR LEFT / REAR RIGHT ESC230 ® TM ESC230 ® TM VOLUME CTR/REAR LEVEL CENTER TREBLE BASS + MUTE POWER + + + BASS BOOST FRONT LEFT BALANCE FRONT RIGHT MUTE POWER REAR L/REAR R TEST BASS BOOST POWER INPUT PRO LOGIC 6-CHANNEL HALL/CONCERT DIGITAL DIRECT STEREO INPUT ESC230 Surround Processor/Amplifier 6-CHANNEL DIGITAL DIRECT INPUTS TEST BASS BOOST INPUT HALL/CON. 6-CH STEREO HALL/CON. 6-CH STEREO PRO LOGIC PRO LOGIC VOLUME + VOLUME + CTR / REAR LEVEL + BASS CTR / REAR LEVEL + TREBLE TREBLE + BASS TREBLE + TREBLE + + CENTER CENTER F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP F/L LEVEL UP REAR LEFT / REAR RIGHT F/R LEVEL UP ESC230 ® TM ESC230 ® TM 13

Troubleshooting If you hear no sound at all: · Make sure the ESC230 main unit is plugged into a live electrical outlet and that the power switch is on. · Check connections from the ESC230 main unit to the TV, VCR, DVD player and the outboard surround processor. · If using with a television or outboard surround processor, make sure that the TV or the surround processor is on and a signal is present. · If using with a VCR, make sure the VCR is playing a tape.

· If using a DVD player, make sure that the DVD is playing. · If using the 6-channel digital direct inputs, make sure that the 6-channel mode is selected and its indicator is illuminated on the display. There will be no output if the product is in any other mode. @@There will be no output if the product is in the 6channel mode. @@@@If one or more of the speakers does not play: @@ · Adjust the balance controls from left to right and front to rear. If you have very little bass output: · Make sure the subwoofer is connected properly to the ESC230 main unit. · Experiment with placement of the subwoofer. @@ · Make sure Bass Boost is on. · Adjust Bass level. @@@@If it is not, try the Concert Hall or Stereo settings on the ESC230 main unit.

When using the 6-channel digital direct inputs, if there is no sound coming from some channels: · Make sure that all 6 connectors are securely connected on both the DVD player /outboard processor side and the ESC230 side. · Make sure that the DVD player/outboard processor's built-in decoder is correctly configured to provide output to all 5 satellites and the subwoofer. (Depending on the product you own, you may have to do this using that specific product's on-screen display.) Make sure that the satellites are set to Small and the subwoofer is set to On by checking the settings of the DVD player or outboard surround processor. Specifications Power Output Signal-to-Noise Ratio Input Impedance Input Sensitivity System Frequency Response Dimensions (H x W x D) 15 watts x 6 @ 0.



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1% THD 90 dBA 20k ohms 400 mV 35Hz to 20kHz Main Unit: 2-11/16 x 13-1/2 x 9 inches 69 x 343 x 230mm Satellites: 7-1/2 x 4-1/16 x 4-3/8 inches 190 x 103 x 111mm Subwoofer: 17-3/4 x 7-3/4 x 13-7/8 inches 451 x 197 x 352mm 14 JBL Consumer Products 250 Crossways Park Drive, Woodbury, NY 11 797 8500 Balboa Boulevard, Northridge, CA 91329 (800) 336-4JBL (4525) www.jbl.com © 1999 JBL, Incorporated. JBL and Simply Cinema are registered trademarks of JBL, Incorporated. Manufactured under license from Dolby Laboratories Licensing Corporation.
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