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Commercial Series



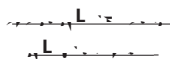
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IMPORTANT SAFETY INFORMATION



A molded mains plug that has been cut off from the cord is unsafe. Discard the mains plug at a suitable disposal facility. NEVER UNDER ANY CIRCUMSTANCES SHOULD YOU INSERT A DAMAGED OR CUT MAINS PLUG INTO A 13 AMP POWER SOCKET. Do not use the mains plug without the fuse cover in place. Replacement fuse covers can be obtained from your local retailer. Replacement fuses are 13 amps and MUST be ASTA approved to BS1362.



This device complies with part 15 of the FCC Rules and the Product specifications noted on the Declaration of Conformity. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

Operation of this unit within significant electromagnetic fields should be avoided.

- Use only shielded interconnecting cables.



If you want to dispose this product, do not mix it with general household waste. There is a separate collection system for used electronic products in accordance with legislation that requires proper treatment, recovery and recycling.

Private household in the 25 member states of the EU, in Switzerland and Norway may return their used electronic products free of charge to designated collection facilities or to a retailer (if you purchase a similar new one).

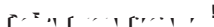
For Countries not mentioned above, please contact your local authorities for a correct method of disposal.

By doing so you will ensure that your disposed product undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health.



CAUTION! Do not locate sensitive high-gain equipment such as preamplifiers or tape decks directly above or below the unit. Because this amplifier has a high power density, it has a strong magnetic field which can induce hum into unshielded devices that are located nearby. The field is strongest just above and below the unit.

If an equipment rack is used, we recommend locating the amplifier(s) in the bottom of the rack and the preamplifier or other sensitive equipment at the top.



Apparatet må tilkoples jordet stikkontakt

Apparaten skall anslutas till jordat uttag

Laitte on liitettävä suojakoskettimilla varustettuun pistorasiaan

1.0 Welcome

1.1 Features

1.2 Front Panel Controls and Indicators



2.0 Setup

WARNING

CAUTION

2.3 Ensuring Proper Cooling

2.4 Choosing Input Wire and Connectors

NOTE

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2.5 Output Wiring and Connectors

2.6 Wiring Your Audio System

2.7 Connecting to AC Mains

2.8 Protecting Your Speakers

2.9 Startup Procedure

3.0 Operation

3.1 Precautions

CAUTION: JBL is not liable for damage that results from overdriving other system components.

4.0 Troubleshooting

CONDITION: No sound or low sound.

CONDITION: Distorted sound.

Performance	CSA 1300Z	CSA 2300Z
Rated Power \leq Ω Ω		
Number of Output Channels		
Insertion Loss		
Input Sensitivity Ω Load		
Frequency Response Ω , 20Hz - 20kHz		
Total Harmonic Distortion		
Signal-to-Noise Ratio		
Input Impedance	Euro Block: 20 k Ω (balanced); RCA: 10 k Ω	
Maximum Input Level		
Crosstalk		
Tone Controls		
Nominal AC Line Voltages		
Minimum Load Impedance	4 Ω 12 Ω 24 Ω	4 Ω 12 Ω 24 Ω
Operating Temperature/Humidity		
Storage Temperature		
Dimensions & Weight		
Net Weight (preliminary estimate)		
Dimensions		
Shipping Weight		

Appendix C: Contact Information

