

Carlsbro CEDA50XXX

Carlsbro CEDA50XXX Electronic Drum Amplifier User Manual

Model: EDA 50

1. INTRODUCTION

The Carlsbro CEDA50XXX (EDA 50) is a 50-watt electronic drum amplifier designed to accurately reproduce the wide frequency range and dynamic nuances of modern digital drum kits. This amplifier ensures that all elements of your drum sound, from the deep bass of the kick drum to the crisp highs of cymbals, are heard with clarity and power. Its compact design makes it an ideal solution for practice spaces and smaller venues.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the amplifier. Retain this manual for future reference.

- **Power Source:** Connect the amplifier only to the specified power supply voltage as indicated on the unit. Ensure the power cord is not damaged or pinched.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate airflow around the amplifier to prevent overheating.
- **Water and Moisture:** Do not expose the amplifier to rain, moisture, or excessive humidity. Do not place objects filled with liquids on or near the unit.
- **Heat:** Keep the amplifier away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cleaning:** Unplug the amplifier from the power outlet before cleaning. Use a dry cloth for cleaning.

3. PACKAGE CONTENTS

Upon unpacking your Carlsbro CEDA50XXX Electronic Drum Amplifier, please verify that all items listed below are present and in good condition:

- Carlsbro CEDA50XXX (EDA 50) Electronic Drum Amplifier
- AC Power Cord

- User Manual (this document)

If any items are missing or damaged, please contact your retailer or Carlsbro customer support immediately.

4. PRODUCT OVERVIEW

The Carlsbro CEDA50XXX is a robust amplifier featuring a 10-inch bass driver and a tweeter for full-range sound reproduction. It includes multiple input options and a 3-band equalizer for sound shaping.



Figure 4.1: Front view of the Carlsbro CEDA50XXX Electronic Drum Amplifier, showcasing its protective grille and overall compact design.

Control Panel Features

The top panel of the amplifier provides access to all inputs and controls:



Figure 4.2: Top control panel of the Carlsbro CEDA50XXX, detailing input jacks, volume, and equalization controls.

- **DRUM INPUTS (LEFT/MONO, RIGHT):** Two 1/4" (6.35mm) jack inputs for connecting your electronic drum kit. Use the LEFT/MONO input for a mono signal or both for stereo.
- **AUX INPUT:** A 1/4" (6.35mm) jack input for connecting external audio devices such as MP3 players or smartphones.
- **VOLUME:** Controls the overall output level of the amplifier.
- **EQUALIZATION (LOW, MID, HIGH):** Three rotary controls to adjust the bass, midrange, and treble frequencies of your sound.
- **LINE IN:** A 3.5mm (1/8") jack input for additional external audio sources.
- **HEADPHONE:** A 3.5mm (1/8") jack output for connecting headphones for silent practice.
- **POWER INDICATOR:** An LED light that illuminates when the amplifier is powered on.

5. SETUP

Follow these steps to set up your Carlsbro CEDA50XXX amplifier:

1. **Placement:** Place the amplifier on a stable, flat surface. Ensure there is adequate space around the unit for ventilation.
2. **Power Connection:** Ensure the amplifier's power switch is in the OFF position. Connect the supplied AC power cord to the amplifier's power inlet and then to a suitable wall outlet.
3. **Connect Drum Kit:** Connect your electronic drum kit's audio output(s) to the DRUM INPUTS (LEFT/MONO, RIGHT) using appropriate 1/4" instrument cables. For a mono signal, use the LEFT/MONO input.
4. **Connect Auxiliary Devices (Optional):** If desired, connect an external audio device (e.g., smartphone, MP3 player) to the AUX INPUT or LINE IN using a 1/4" or 3.5mm cable respectively.
5. **Power On:** Turn the amplifier's power switch to the ON position. The power indicator LED will illuminate.

6. OPERATING INSTRUCTIONS

Once the amplifier is set up, you can begin using it:

1. **Initial Volume Setting:** Before playing, set the amplifier's VOLUME control to its minimum position.
2. **Play Your Drum Kit:** Begin playing your electronic drum kit.
3. **Adjust Volume:** Slowly increase the amplifier's VOLUME control to your desired listening level.
4. **Adjust Equalization:** Use the LOW, MID, and HIGH controls to shape your sound.
 - **LOW:** Boost or cut bass frequencies for kick drums and low-end resonance.
 - **MID:** Adjust midrange frequencies for snare drum punch and overall clarity.

- **HIGH:** Control treble frequencies for cymbal brilliance and hi-hat crispness.

5. **Headphone Use:** To practice silently, connect headphones to the HEADPHONE output. This will mute the main speaker output.

7. MAINTENANCE

Proper care and maintenance will ensure the longevity of your amplifier:

- **Cleaning:** Regularly wipe the amplifier's exterior with a soft, dry cloth. Do not use abrasive cleaners, solvents, or waxes.
- **Storage:** When not in use for extended periods, store the amplifier in a dry, dust-free environment.
- **Transportation:** When transporting the amplifier, ensure it is securely packed to prevent physical damage.
- **Ventilation:** Periodically check that the ventilation openings are clear of dust and debris.

8. TROUBLESHOOTING

If you encounter issues with your amplifier, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No sound output	Power not connected; Volume too low; Cables not connected properly; Headphones connected.	Check power cord and outlet; Increase VOLUME; Ensure all audio cables are securely connected; Disconnect headphones.
Distorted sound	Input signal too high; Volume too high; Damaged speaker.	Reduce output volume from your drum kit; Lower amplifier VOLUME; If distortion persists at low volumes, contact service.
Humming or buzzing noise	Ground loop; Faulty cable; Interference from other electronics.	Try a different power outlet; Replace audio cables; Move amplifier away from other electronic devices.

If the problem persists after attempting these solutions, please contact qualified service personnel.

9. SPECIFICATIONS

Feature	Specification
Model Name	EDA 50
Item Model Number	CEDA50XXX
Output Wattage	50 Watts
Speaker Configuration	10" Bass Driver, Tweeter
Equalization	3-band EQ (Low, Mid, High)
Inputs	Two 1/4" Channel Inputs (Left/Mono, Right), One 1/4" Aux Input, One 3.5mm Line In
Outputs	One 3.5mm Headphone Output

Feature	Specification
Power Source	Corded Electric
Item Weight	33 pounds (approx. 14.97 kg)
Product Dimensions	16 x 19 x 16 inches (approx. 40.64 x 48.26 x 40.64 cm)
Color	Black
Compatible Devices	Electronic Drum Kits

10. WARRANTY AND SUPPORT

For information regarding warranty coverage and terms for your Carlsbro CEDA50XXX Electronic Drum Amplifier, please refer to the warranty card included with your purchase or visit the official Carlsbro website. For technical support, spare parts, or service inquiries, please contact Carlsbro customer support through their official channels.
Carlsbro Official Website: www.carlsbro.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question