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## ABLEGRID AC Adapter for Boss/Roland Devices

# ABLEGRID AC Adapter Instruction Manual

Model: AC Adapter for Boss/Roland Devices

## INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your ABLEGRID AC Adapter. This adapter is designed as a replacement switching power supply cord charger for various Boss and Roland devices, including but not limited to: **Boss BRC-120, BRC120, AF-70, DR-770, DR-880, GR-20, and GR-33 Roland.**

Please read this manual thoroughly before using the product and retain it for future reference.

## SAFETY INFORMATION

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To ensure safe operation and prevent damage, observe the following precautions:

- Use the adapter only with compatible devices as listed in this manual.
- Ensure the input voltage of the adapter (AC 110V) matches your power outlet.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not attempt to disassemble or modify the adapter.
- Unplug the adapter from the power outlet when not in use for extended periods.
- This product is a replacement and is non-OEM but 100% compatible with the specified devices.
- The ABLEGRID Charger is certified with CE and RoHS standards, ensuring quality and safety.
- Features Overcharge Protection, Overcurrent Protection, Overvoltage Protection, and Short Circuit Protection for enhanced safety.

### **Proposition 65 Warning:**

This product can expose you to chemicals which are known to the State of California to cause cancer and

birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## PRODUCT OVERVIEW

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The ABLEGRID AC Adapter is a lightweight and portable power solution. It features a durable design and is equipped with safety mechanisms to protect your devices.



*Image 1: Front view of the ABLEGRID AC Adapter, displaying the product label with model number BLJ-U151500D, Input: AC110V 50HZ, Output: AC.*



*Image 2: Back view of the ABLEGRID AC Adapter, showing ventilation slots and a caution label.*

## SETUP

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1. **Verify Compatibility:** Ensure your device (e.g., Boss BRC-120, Roland GR-33) requires a 14Vac power supply and has a compatible barrel connector.
2. **Connect to Device:** Insert the barrel connector of the ABLEGRID AC Adapter firmly into the power input jack of your Boss or Roland device.
3. **Connect to Power Outlet:** Plug the 2-pin AC power plug of the adapter into a standard AC 110V wall outlet.
4. **Power On Device:** Once connected, you can power on your device.

Ensure all connections are secure before operating your device.

## OPERATING INSTRUCTIONS

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The ABLEGRID AC Adapter functions as a direct power source for your compatible electronic devices. No specific operational steps are required for the adapter itself beyond proper connection.

- Once connected, the adapter will supply the necessary 14Vac power to your device.
- Always refer to your device's instruction manual for specific operating procedures.

- If the device does not power on, refer to the Troubleshooting section of this manual.

## MAINTENANCE

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The ABLEGRID AC Adapter requires minimal maintenance to ensure longevity and optimal performance.

- **Cleaning:** Disconnect the adapter from both the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter's cable and connectors for any signs of wear, fraying, or damage. If any damage is observed, discontinue use and replace the adapter.

## TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device does not power on.	Adapter not properly connected. Power outlet is not active. Adapter or device malfunction. Incompatible device.	Ensure the adapter is securely plugged into both the device and the wall outlet. Test the power outlet with another appliance. Verify the device requires 14Vac and has a compatible connector. If issues persist, contact customer support.
Adapter feels unusually hot.	Overload or poor ventilation. Internal fault.	Ensure the adapter is not covered and has adequate airflow. Disconnect immediately and discontinue use. Contact customer support.
Device powers on but functions intermittently.	Loose connection. Damaged cable.	Check all connections for tightness. Inspect the cable for visible damage. If damaged, replace the adapter.

For problems not listed here, or if solutions do not resolve the issue, please contact ABLEGRID customer service.

## SPECIFICATIONS

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Feature	Detail
Brand	ABLEGRID
Input Voltage	AC 110V
Output Voltage	AC 14V (for compatible devices)
Connector Type	Barrel Connector
Main Power Connector Type	2 Pin
Special Features	Lightweight, Short Circuit Protection, Overcharge Protection, Overcurrent Protection, Overvoltage Protection
Certifications	CE, RoHS
Compatibility	Boss BRC-120, BRC120, AF-70, DR-770, DR-880, GR-20, GR-33 Roland

## WARRANTY AND SUPPORT

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Your ABLEGRID AC Adapter comes with a **1-year warranty** from the date of purchase.

For warranty claims, technical support, or any inquiries regarding your product, please contact ABLEGRID customer service. Please have your purchase details ready when contacting support.

We are committed to providing friendly customer service and support.