

Kircuit 12V 2A AC/DC Adapter

Kircuit 12V 2A AC/DC Power Adapter User Manual

For Night Owl DVR-THD30B-81 Series Digital Video Recorders

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kircuit 12V 2A AC/DC Power Adapter. This adapter is specifically designed to provide power to compatible Night Owl DVR-THD30B-81 series digital video recorders, including models DVR-THD30B-81, DVRTHD30B-81-HIK, DVRTHD30B81, CS-1202000, and CS1202000. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- **Indoor Use Only:** This adapter is designed for indoor use in dry locations. Do not expose it to rain, moisture, or extreme temperatures.
- **Proper Voltage:** Ensure the wall outlet voltage matches the adapter's input specifications (100-240V AC).
- **Avoid Overloading:** Do not overload the power outlet.
- **Handle with Care:** Do not drop, disassemble, or attempt to repair the adapter. Refer servicing to qualified personnel.
- **Cable Integrity:** Inspect the power cord for any damage before each use. Do not use if the cord is frayed or damaged.
- **Ventilation:** Ensure adequate ventilation around the adapter during operation to prevent overheating.
- **Children and Pets:** Keep the adapter out of reach of children and pets.

3. PRODUCT OVERVIEW

The Kircuit 12V 2A AC/DC Power Adapter is a compact and reliable power supply unit. It features built-in dynamic IC, charger IC, and power fuse for rapid charging and overcharge protection, ensuring the safety and longevity of your connected device.



Figure 1: Kircuit 12V 2A AC/DC Power Adapter. This image shows the main adapter unit with its two-prong plug and the attached DC barrel

connector cable.

Components:

- **Adapter Unit:** The main body of the power supply, containing the AC input prongs and DC output circuitry.
- **DC Barrel Connector:** The output plug that connects to your Night Owl DVR.
- **Power Cord:** The integrated cable connecting the adapter unit to the DC barrel connector, approximately 6.5 feet in length.



Figure 2: Adapter with Cord Length Indication. This image highlights the approximate 6.5 ft cord length of the power adapter.

4. SETUP INSTRUCTIONS

1. **Verify Compatibility:** Before connecting, ensure your Night Owl DVR model requires a 12V 2A power supply and uses a compatible barrel connector. Refer to your DVR's original power supply or manual for specifications.
2. **Connect to DVR:** Insert the DC barrel connector of the Kircuit adapter firmly into the power input port of your Night

Owl DVR.

3. **Connect to Power Outlet:** Plug the AC prongs of the adapter into a standard 100-240V AC wall outlet.
4. **Power On:** Once connected, your DVR should receive power and begin its normal startup sequence.



Figure 3: Adapter in Use. This image shows the Kircuit power adapter plugged into a power strip, ready to power a device.

5. OPERATING INSTRUCTIONS

The Kircuit 12V 2A AC/DC Power Adapter operates automatically once connected to a power source and a compatible device. No user intervention is required for its basic function. It provides a stable 12V DC output to power your DVR.

6. MAINTENANCE

- **Cleaning:** Disconnect the adapter from the power outlet and the 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 moisture. Avoid

tightly coiling the cable to prevent damage.

- **Inspection:** Periodically inspect the adapter and its cable for any signs of wear, cuts, or damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not powering on.	Adapter not fully plugged into outlet. DC connector not fully inserted into device. Power outlet is not active. Adapter or device malfunction.	Ensure adapter is securely plugged into a live wall outlet. Verify the DC connector is fully seated in the device's power port. Test the outlet with another known working device. If issues persist, contact support.
Adapter feels warm.	Normal operation. Poor ventilation. Overload (unlikely with built-in protection).	A slight warmth is normal. Ensure adapter is in a well-ventilated area. If it becomes excessively hot, disconnect immediately and contact support.

8. SPECIFICATIONS

Brand	Kircuit
Model	12V 2A AC/DC Adapter
Input Voltage	100-240V AC, 50/60Hz, 0.3A (max)
Output Voltage	12V DC
Output Current	2A
Connector Type	Barrel Plug
Cord Length	Approximately 6.5 ft (2 meters)
Special Features	Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.
Compatible Devices	Night Owl Model DVR-THD30B-81, DVRTHD30B-81-HIK, DVRTHD30B81, CS-1202000, CS1202000 Digital Video Recorders
Manufacturer	Shenzhen Waweis Technology Co., Ltd

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the seller's return policy or contact the seller directly through the platform where the product was purchased. Keep your purchase receipt for any warranty claims.

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

you@example.com

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