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› Kircuit AC/DC Adapter User Manual for Doxie Go Scanners

## Kircuit AC/DC Adapter

# Kircuit AC/DC Adapter User Manual

For Doxie Go DX200, Doxie Go Plus DX220, and Doxie Go Wi-Fi DX250 Portable Scanners

## 1. INTRODUCTION

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This document provides essential information for the safe and effective use of your Kircuit AC/DC Adapter. This adapter is designed to provide power to compatible Doxie Go portable scanners, including models DX200, DX220, and DX250. It features a universal input voltage range and incorporates built-in safety protections.



Image 1.1: Two Kircuit AC/DC adapters. The label indicates input 100-240V AC, 50/60Hz, 0.3A and output specifications.

The Kircuit AC/DC Adapter is a reliable power supply solution for your Doxie Go scanner, ensuring consistent performance and charging capabilities. It is engineered with internal components designed for efficient power delivery and protection against electrical irregularities.

## 2. SETUP INSTRUCTIONS

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Follow these steps to properly set up your Kircuit AC/DC Adapter with your Doxie Go scanner:

1. **Unpack the Adapter:** Carefully remove the AC/DC adapter from its packaging.
2. **Connect to Power Outlet:** Insert the adapter's two-prong plug into a standard wall power outlet (100-240V AC). Ensure the outlet is easily accessible.
3. **Connect to Scanner:** Locate the power input port on your Doxie Go scanner. Insert the barrel connector end of the adapter cable firmly into this port.
4. **Verify Connection:** Once connected, your scanner should indicate that it is receiving power or charging, typically via an LED indicator.



Image 2.1: The Kircuit AC/DC adapter connected to a power strip, ready for use with a compatible device.

### 3. OPERATING INSTRUCTIONS

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Once the Kircuit AC/DC Adapter is properly connected to both the power outlet and your Doxie Go scanner, the scanner will begin to receive power or charge its internal battery. No further action is required for the adapter itself.

- Ensure the adapter is always connected to a functional power outlet.
- For optimal charging, avoid using the scanner extensively while it is charging, especially during initial charge cycles.
- Disconnect the adapter from the power outlet when not in use for extended periods.

### 4. MAINTENANCE

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Proper maintenance ensures the longevity and safe operation of your AC/DC adapter.

- **Cleaning:** Use a dry, soft cloth to wipe the adapter. Do not use liquid cleaners or solvents. Ensure the adapter is unplugged before cleaning.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and extreme temperatures. Avoid tightly coiling the cable to prevent damage.

- **Cable Inspection:** Regularly inspect the power cable for any signs of wear, cuts, or fraying. Discontinue use if damage is observed.

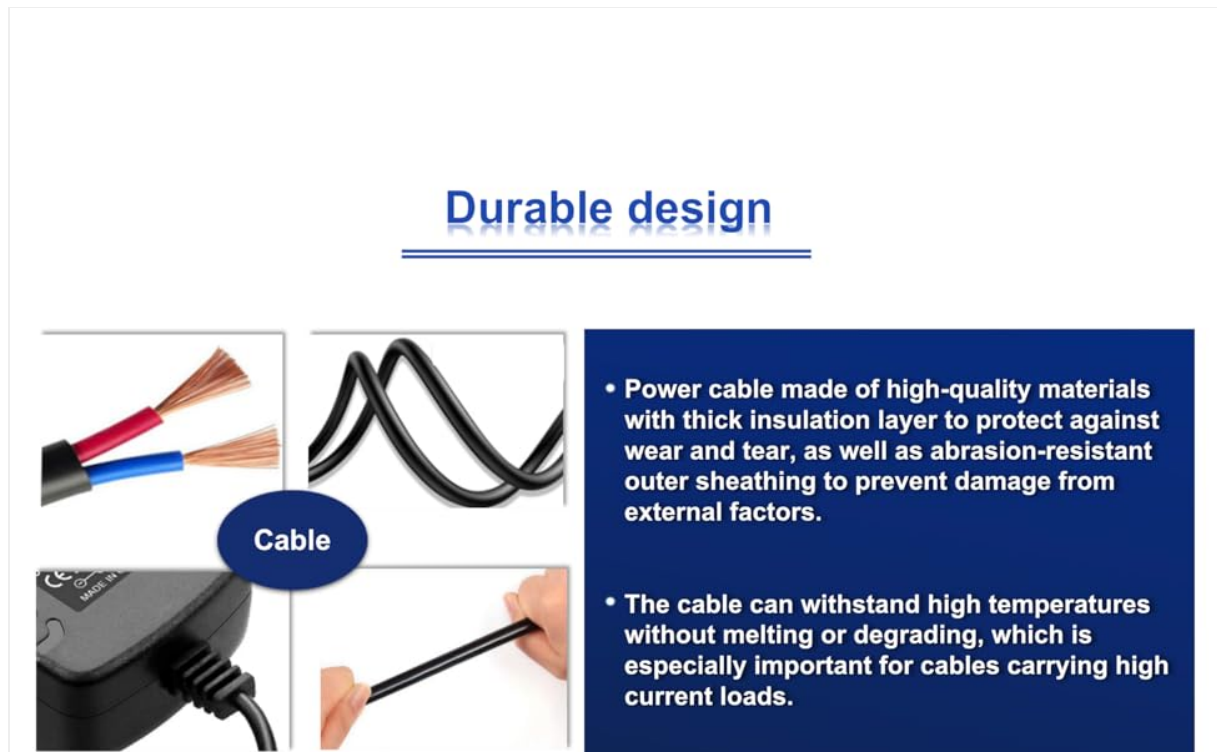


Image 4.1: Illustration of the durable design of the power cable, highlighting its robust construction and flexibility.

## 5. TROUBLESHOOTING

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

- **Scanner Not Receiving Power/Charging:**
  - Ensure the adapter is securely plugged into both the wall outlet and the scanner.
  - Test the wall outlet with another device to confirm it is functional.
  - Check the adapter cable for any visible damage. If damaged, discontinue use.
  - Verify that the adapter is compatible with your specific Doxie Go scanner model.
  - If the scanner still does not power on or charge, the issue may lie with the scanner itself rather than the adapter. Consult your scanner's manual or manufacturer for further assistance.
- **Adapter Overheating:**
  - Unplug the adapter immediately.
  - Ensure the adapter is used in a well-ventilated area and not covered.
  - If overheating persists, discontinue use and contact support.

## 6. SPECIFICATIONS

Feature	Specification
Input Voltage	100V-240V AC

Feature	Specification
Input Frequency	50/60Hz
Compatible Devices	Doxie Go DX200, DX220, DX250 Scanners
Connector Type	Barrel Connector
Item Weight	8 Ounces (approx. 227 grams)
Special Features	Portable, Travel-friendly
Power Source	Corded Electric
Main Power Connector Type	2 Pin (US Standard)



Image 6.1: The Kircuit AC/DC adapter, illustrating its compact design and the approximate cord length of 6.5 feet.

## 7. SAFETY FEATURES

The Kircuit AC/DC Adapter is designed with multiple safety protections to ensure reliable operation and

device safety:

- **Short Circuit Protection:** Prevents damage from electrical shorts.
- **Excess Voltage Protection:** Safeguards against voltage spikes.
- **Over Temperature Protection:** Monitors and prevents overheating.
- **Overcurrent Protection:** Protects against excessive current flow.

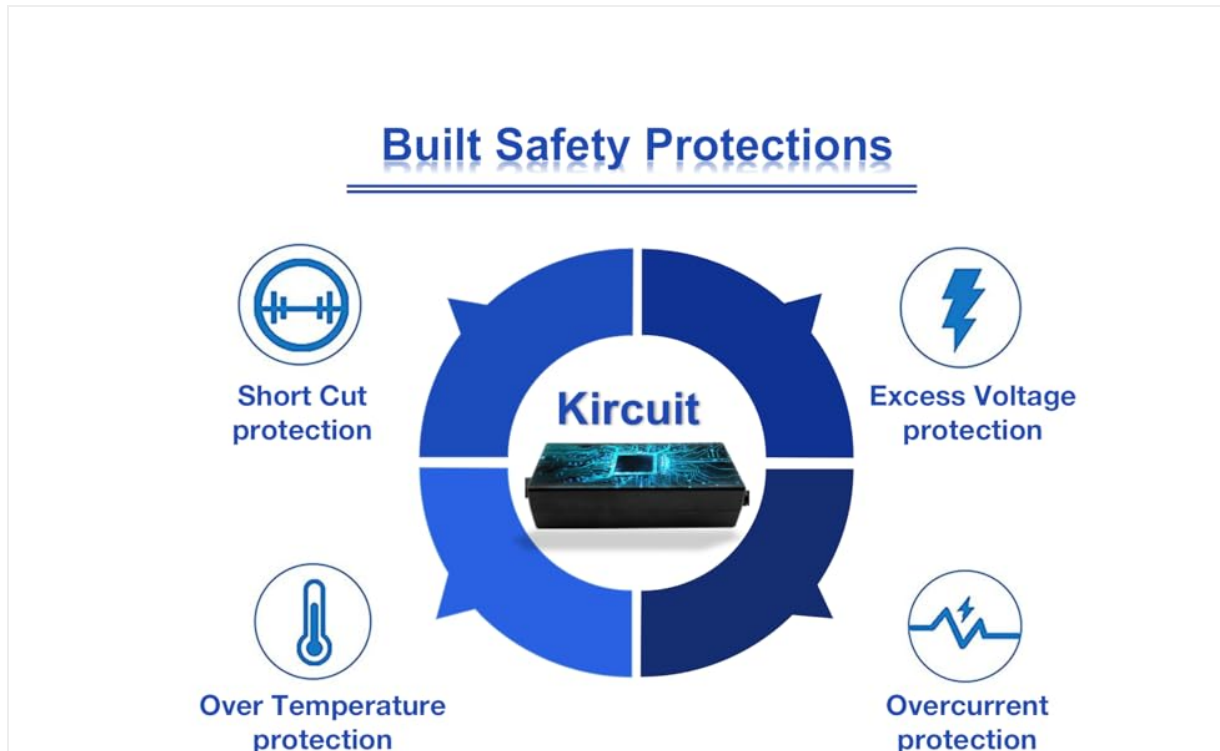


Image 7.1: Diagram detailing the built-in safety protections of the Kircuit adapter, including safeguards against short circuits, excess voltage, over temperature, and overcurrent.

The adapter's plug is constructed to provide a secure and stable connection, designed to handle electrical loads without overheating. This contributes to overall electrical safety and reliability.

The comparison is presented in a table-like format with two columns: "Ours" (highlighted in green) and "Others" (grey). A central blue circle labeled "Plug" is positioned between the columns. The "Ours" column shows two views of a robust plug with green checkmarks, while the "Others" column shows two views of a flimsy plug with red X marks.

- Ours:**
  - The plugs on the power cable also well-made and designed to provide a secure and stable connection.
  - The plugs can handle high electrical loads without overheating or causing a fire hazard.

UL Standard Quality, Durable and Safe      Easy to Break Off

Image 7.2: Comparison of plug designs, emphasizing the secure and durable construction of the Kircuit adapter's plug for

enhanced safety.

## **8. WARRANTY AND SUPPORT**

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For warranty information or technical support regarding your Kircuit AC/DC Adapter, please refer to the product packaging or contact the manufacturer directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.