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› BestCH AC Adapter for Kaito WiFi Radio IR-168 KA-IR168 User Manual

## BestCH IR-168 KA-IR168

# BestCH AC Adapter User Manual

For Kaito WiFi Radio IR-168 & KA-IR168

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your BestCH AC Adapter. Please read this manual thoroughly before using the product and retain it for future reference. This adapter is designed to provide power to compatible devices such as the Kaito WiFi Radio IR-168 and KA-IR168.

## 2. SAFETY INFORMATION

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### Important Safety Warnings:

- Do not open or modify the power supply, power cord, or power cable.
- Keep children away from high voltage power sources.
- Use this product only under the guidance of a professional electrician if you are unsure about its application.
- Any abuse or improper use will void the product warranty.
- Ensure the total wattage of the connected device does not exceed the maximum wattage indicated on the adapter's label. It is recommended to de-rate the adapter by 10-20% when in continuous use to prevent overheating.

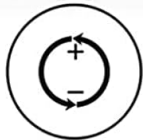
## MULTI-PROTECTION MORE SAFE WHILE CHARGING



Over Current  
Protection



Over Charge  
Protection



Short Circuit  
Protection



Temperature  
Protection



Over Load  
Protection



Over Voltage  
Protection

Figure 2.1: The AC adapter features multiple protection mechanisms for safe operation, including safeguards against over current, over charge, short circuit, high temperature, over load, and over voltage.

### 3. PRODUCT OVERVIEW

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The BestCH AC Adapter is a replacement power supply designed for various electronic devices, specifically compatible with Kaito WiFi Radio IR-168 and KA-IR168 models. It features a US prong plug type and supports a worldwide input voltage range of 100-240VAC.



Figure 3.1: The BestCH AC Adapter, showing its compact design with a US-style two-prong plug and integrated power cord.

### Key Features:

- **Worldwide Input Voltage:** 100-240VAC, 50/60Hz, allowing for global use.
- **Safety Protection:** Incorporates automatic overload cut-off, over voltage cut-off, automatic thermal cut-off, and short circuit protection. Designed for low temperature operation with no noise.
- **Voltage Consistency:** Maintains stable voltage during power on, transmission, reception, and power off, protecting electronic devices from damage.

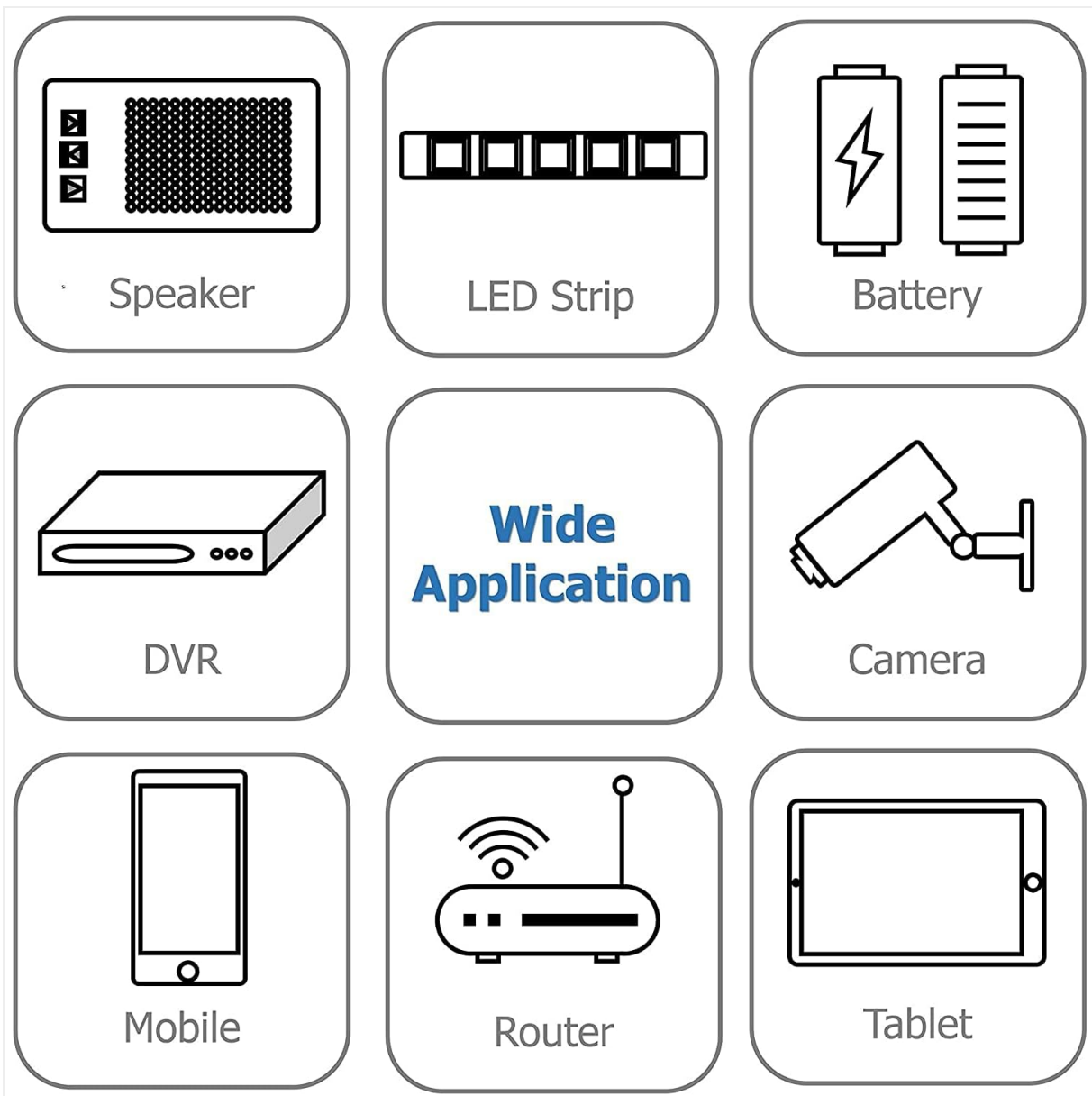


Figure 3.2: The adapter is suitable for a wide range of applications, including speakers, LED strips, battery charging, DVRs, cameras, mobile devices, routers, and tablets.

## 4. SETUP

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1. **Verify Compatibility:** Ensure your device requires the voltage and current output provided by this adapter. Check your device's specifications or original power adapter.
2. **Connect to Device:** Insert the adapter's output plug firmly into the power input port of your Kaito WiFi Radio or other compatible device.
3. **Connect to Power Outlet:** Plug the AC adapter into a standard wall outlet (100-240VAC, 50/60Hz).
4. **Power On Device:** Once connected, you can power on your device.

## 5. OPERATING INSTRUCTIONS

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The BestCH AC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable power supply to your electronic equipment.

- Ensure the adapter is placed in a well-ventilated area to prevent heat buildup.
- Avoid covering the adapter during operation.

- Disconnect the adapter from the power outlet when not in use for extended periods.

## 6. MAINTENANCE

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- **Cleaning:** Disconnect the adapter from the power source and device before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the adapter in a cool, dry place away from direct sunlight and moisture when not in use. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires, cracks, or loose connections. If damage is found, discontinue use immediately.

## 7. TROUBLESHOOTING

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### No Power to Device:

- **Check Connections:** Ensure the adapter is securely plugged into both the wall outlet and your device.
- **Test Outlet:** Plug another device into the wall outlet to confirm it is functioning correctly.
- **Verify Adapter Compatibility:** Double-check that the adapter's output voltage and current match your device's requirements.
- **Inspect for Damage:** Look for any visible damage to the adapter or cable. If damaged, do not use.

### Adapter Overheating:

- **Check Load:** Ensure the connected device's wattage does not exceed the adapter's maximum capacity.
- **Ventilation:** Make sure the adapter is in a well-ventilated area and not covered.
- **De-rating:** Remember to de-rate the adapter by 10-20% for continuous use to prevent overheating.

## 8. SPECIFICATIONS

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Feature	Specification
Plug Type	US prong
Input Voltage	AC 100-240VAC (Worldwide Use)
Input Frequency Range	50-60Hz
Brand	BestCH
Model Compatibility	Kaito WiFi Radio IR-168, KA-IR168

## 9. WARRANTY AND SUPPORT

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This BestCH AC Adapter comes with a **2-year manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact your retailer or the manufacturer directly.

**Return Policy:** The product is eligible for a 30-day return period from the date of purchase.

