

K-MAINS KKB-2023911-0643

K-MAINS AC Adapter Charger for Daiwa CN-103L SWR Meter - User Manual

Model: KKB-2023911-0643

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your K-MAINS AC Adapter Charger, model KKB-2023911-0643. This adapter is designed to provide power to compatible devices, specifically the Daiwa CN-103L HF/VHF Cross Needle SWR Meter RF Wattmeter. Please read this manual thoroughly before using the product.

2. SAFETY INFORMATION

Your K-MAINS AC Adapter Charger is designed with multiple safety features to ensure reliable operation and protection for your devices.

- **OVP (Over Voltage Output Protection):** Prevents damage from excessive voltage output.
- **OCP (Over Current Output Protection):** Safeguards against damage from excessive current.
- **SCP (Short Circuit Output Protection):** Protects against short circuits.

Important Safety Precautions:

- Ensure the adapter's voltage and current ratings match your device's requirements.
- Do not expose the adapter to water or excessive moisture.
- Avoid using the adapter in extremely hot or cold environments.
- Do not disassemble or attempt to repair the adapter.
- Keep out of reach of children.
- Unplug the adapter from the power outlet when not in use for extended periods.

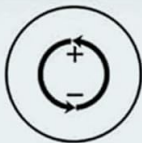
SAFETY PROTECTION



Over Current
Protection



Over Charge
Protection



Short Circit
Protection



Temperature
Protection



Over Load
Protection



Over Voltage
Protection

Figure 2.1: The K-MAINS AC adapter incorporates multiple safety protections, including Over Current, Over Charge, Short Circuit, Temperature, Over Load, and Over Voltage Protection, as indicated by the icons.

3. SETUP

Follow these steps to set up your AC adapter:

1. **Verify Compatibility:** Before connecting, ensure that your device, such as the Daiwa CN-103L HF/VHF Cross Needle SWR Meter RF Wattmeter, requires the specific voltage and current output provided by this K-MAINS adapter. Refer to your device's manual for power requirements.
2. **Connect to Device:** Insert the DC output plug of the K-MAINS adapter firmly into the power input port of your compatible device.

DETAILS OF DIFFERENT DIRECTIONS



If you use this item for a long time, please keep it ventilated and dry.

Figure 3.1: The K-MAINS AC adapter features a standard plug and a flexible cable designed for durability, as shown from various perspectives.

- 3. Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard wall power outlet (100-240V AC).



Figure 3.2: The K-MAINS AC adapter connected to a wall outlet, ready to power a device.

4. **Power On Device:** Once connected, power on your device according to its own operating instructions.

4. OPERATING INSTRUCTIONS

The K-MAINS AC Adapter Charger operates automatically once connected to a power source and a compatible device.

- Ensure all connections are secure before use.
- The adapter will supply continuous power to your device as long as it is plugged into a live outlet.
- Disconnect the adapter from the power outlet and your device when not in use.

5. MAINTENANCE

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

- **Cleaning:** Use a dry, soft cloth to clean the adapter. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place. Avoid extreme temperatures.
- **Ventilation:** If the adapter is used for extended periods, ensure it is placed in a well-ventilated area to prevent overheating. Do not cover the adapter.

- **Cable Care:** Avoid sharp bends or kinks in the power cable. Do not place heavy objects on the cable.



Figure 5.1: Keep the adapter in a clean, well-ventilated, and dry environment for optimal performance and longevity.

6. TROUBLESHOOTING

If you encounter issues with your K-MAINS AC Adapter Charger, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|-----------------------------|--|---|
| Device not receiving power. | <ul style="list-style-type: none"> • Adapter not plugged in correctly. • Power outlet is not active. • Device power input port is faulty. • Adapter is faulty. | <ul style="list-style-type: none"> • Ensure adapter is firmly plugged into both the wall outlet and the device. • Test the outlet with another appliance. • Try the adapter with another compatible device (if available). • If the issue persists, contact customer support. |

| Problem | Possible Cause | Solution |
|---|--|---|
| Adapter feels hot during use. | <ul style="list-style-type: none"> • Normal operation (slight warmth). • Poor ventilation. • Overload or short circuit. | <ul style="list-style-type: none"> • Ensure adequate airflow around the adapter. • Disconnect and allow to cool. Reconnect and monitor. • If excessively hot or emitting smoke/smell, unplug immediately and discontinue use. Contact support. |
| Device not charging/powering efficiently. | <ul style="list-style-type: none"> • Incompatible adapter. • Damaged cable or connector. | <ul style="list-style-type: none"> • Double-check device specifications against adapter output. • Inspect the cable and connector for visible damage. • Contact customer support if the issue persists. |

7. SPECIFICATIONS

Key technical specifications for the K-MAINS AC Adapter Charger (Model: KKB-2023911-0643):

- **Brand:** K-MAINS
- **Model Number:** KKB-2023911-0643
- **Compatible Devices:** Daiwa CN-103L HF/VHF Cross Needle SWR Meter RF Wattmeter, Monitor, PC, Printer, Speaker, Tablet (*Note: Verify specific power requirements for non-Daiwa devices*)
- **Input Voltage:** 100-240 Volts (AC)
- **Current Rating:** 103 Amps (*Note: This value seems unusually high for an AC adapter. Users should verify actual output current on the product label.*)
- **Connector Type:** Standard DC Connector
- **Color:** Black
- **Item Dimensions (L x W x H):** 3 x 2 x 2 inches
- **Number of Ports:** 1
- **Manufacturer:** Shenzhen Sunshine Technological Co., Ltd
- **ASIN:** B0CHRL4M5F

Note on Current Rating: The provided specification of "103 Amps" for Current Rating appears to be an error in the source data, as this is an exceptionally high current for a typical AC adapter of this type. Please refer to the physical product label for the accurate output current (e.g., mA or A) before use to ensure compatibility and safety.

8. WARRANTY AND SUPPORT

Warranty Information: The K-MAINS AC Adapter Charger comes with a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

Customer Support: For any questions, concerns, or assistance with your product, please contact K-MAINS customer service. If you purchased this item through Amazon, you can contact the seller directly from your Amazon account by selecting the "Contact Seller" button. We aim to resolve any issues within 24 hours.

Note: If there are any missing or damaged parts upon receipt, please contact customer service immediately for a satisfactory solution.

