

Kircuit AC DC Adapter

Kircuit AC DC Adapter User Manual

For Milanix Portable Digital LED Televisions (MX7, MX7U, MX8, MX12, MX13, MX14)

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kircuit AC DC Adapter. This power supply is designed to provide reliable power to compatible Milanix portable rechargeable ATSC widescreen digital LED televisions.



Image 1.1: Kircuit AC DC Adapter. This image shows two units of the Kircuit AC DC Adapter, highlighting its compact design and standard two-prong plug.

2. COMPATIBILITY

This AC DC Adapter is compatible with the following Milanix portable rechargeable ATSC widescreen digital LED television models:

- Milanix MX7 (7")
- Milanix MX7U (7")
- Milanix MX8 (8")
- Milanix MX12 (12.1")
- Milanix MX13 (13.3")
- Milanix MX14 (14.1")

Always verify the power requirements of your specific device before connecting the adapter.

3. IMPORTANT SAFETY INFORMATION

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or damage to the adapter or your device.

- **Input Voltage:** Ensure the wall outlet voltage matches the adapter's input requirements (100V-240V AC).
- **Indoor Use Only:** This adapter is designed for indoor use. Do not expose it to rain, moisture, or extreme temperatures.
- **Avoid Damage:** Do not use the adapter if the cord or plug is damaged. Do not attempt to open or modify the adapter.
- **Ventilation:** Ensure adequate ventilation around the adapter during use. Do not cover it with cloths or place it in enclosed spaces.
- **Children:** Keep out of reach of children.
- **Built-in Protections:** The adapter features a Dynamic IC, Charger IC, and Power fuse for rapid charging and protection against overcharge, short circuit, over-temperature, overcurrent, and excess voltage.

Why choose Kircuit ?



Kircuit adapters have a wide range of product offerings that are compatible with various device types, power requirements, and connector standards. Kircuit adapters have a strong quality control process in place to ensure our products meet the highest standards of safety and performance.

Image 3.1: Built-in Safety Protections. This diagram illustrates the various safety features integrated into the Kircuit adapter, including short circuit, excess voltage, over-temperature, and overcurrent protection.

4. SETUP INSTRUCTIONS

1. **Unpack:** Carefully remove the AC DC Adapter from its packaging. Inspect it for any visible damage.
2. **Connect to Device:** Locate the power input port on your Milanix portable television. Insert the adapter's DC output plug firmly into the device's power input port.
3. **Connect to Power Outlet:** Plug the AC input prongs of the adapter into a standard 100V-240V AC wall outlet. Ensure the connection is secure.



Image 4.1: Adapter Connection. The image shows the Kircuit AC DC Adapter plugged into a power strip, demonstrating a typical setup for powering a device.

5. OPERATING INSTRUCTIONS

Once properly connected, the Kircuit AC DC Adapter will begin supplying power to your Milanix television. If your television has a rechargeable battery, the adapter will also charge the battery while powering the device.

- **Powering On:** After connecting the adapter, turn on your Milanix television using its power button.
- **Charging:** The television's battery indicator should show that it is charging. Refer to your television's manual for specific charging indicators.
- **Disconnecting:** To disconnect, first turn off your television, then unplug the adapter from the wall outlet, and finally disconnect it from the television.

6. MAINTENANCE AND CARE

Proper care ensures the longevity and safe operation of your AC DC Adapter.

- **Cleaning:** Disconnect the adapter from all power sources 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.
- **Cable Care:** The power cable is made of high-quality materials with thick insulation. Avoid bending, twisting, or pulling the cable excessively, especially near the connectors, to prevent damage.
- **Plug Integrity:** The plugs are designed for a secure and stable connection. Ensure they are free from debris and not bent.

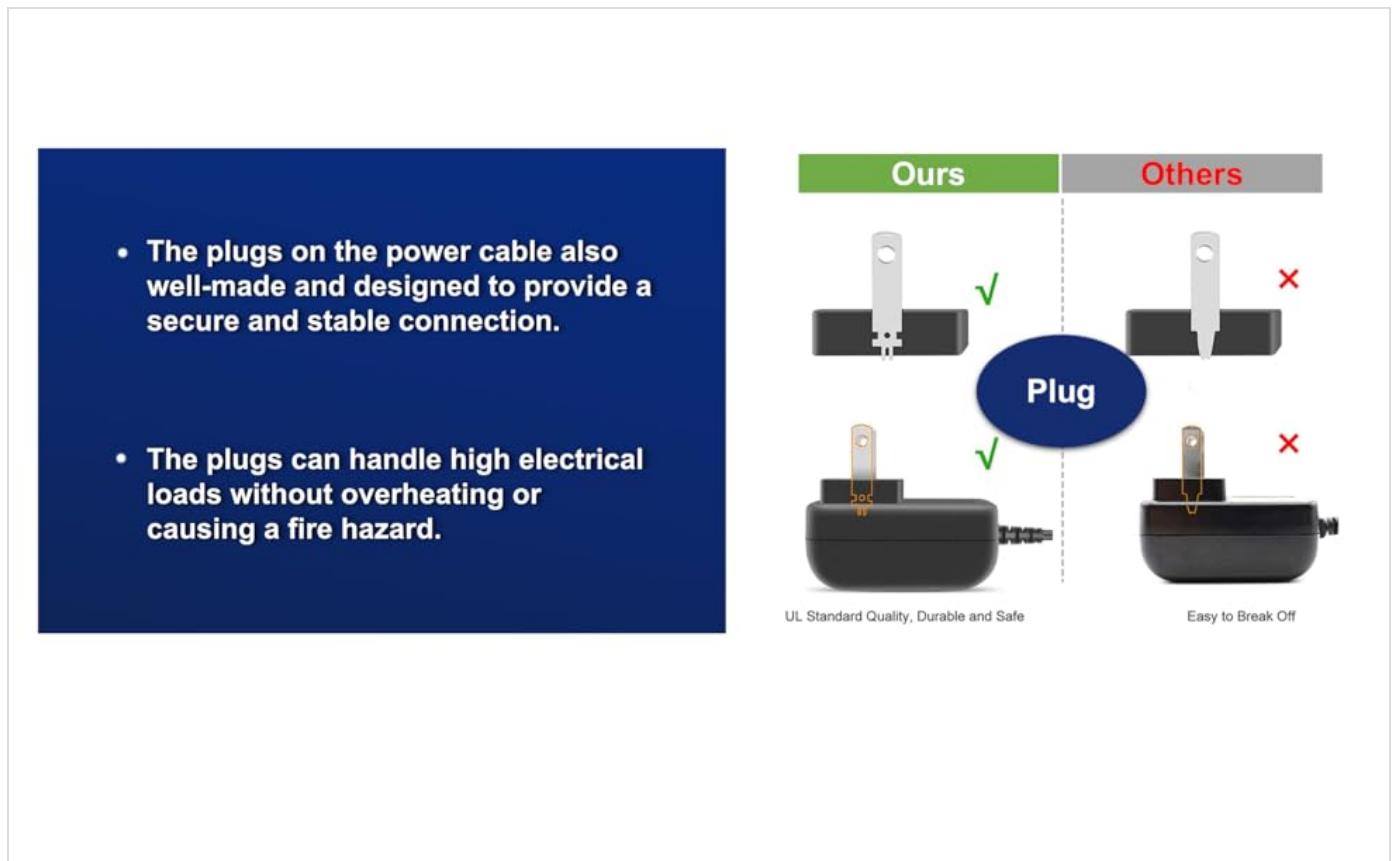


Image 6.1: Durable Cable Design. This image highlights the robust construction of the adapter's power cable, designed to resist wear and tear.

Durable design



- **Power cable made of high-quality materials with thick insulation layer to protect against wear and tear, as well as abrasion-resistant outer sheathing to prevent damage from external factors.**
- **The cable can withstand high temperatures without melting or degrading, which is especially important for cables carrying high current loads.**

Image 6.2: Secure Plug Design. This image compares the secure and stable plug design of the Kircuit adapter with less reliable alternatives.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Adapter not supplying power.	No power from outlet; loose connection; damaged adapter.	Check if the outlet is working with another device. Ensure all connections are secure. Inspect adapter for damage.
Device not charging.	Incorrect adapter; device issue; adapter issue.	Verify adapter compatibility with your device. Test the adapter with another compatible device if possible. Consult your television's manual.
Adapter feels hot.	Normal operation under load; poor ventilation; overload.	A slight warmth is normal. Ensure adapter has adequate ventilation. Disconnect if excessively hot and contact support.

If the problem persists after trying these solutions, discontinue use and contact customer support.

8. SPECIFICATIONS

- **Brand:** Kircuit
- **Manufacturer:** Shenzhen Waweis Technology Co., Ltd
- **Input Voltage:** 100V-240V AC, 50/60Hz
- **Power Source:** Corded Electric
- **Main Power Connector Type:** 2 Pin

- **Power Plug Type:** Type A - 2 pin (North American)
- **Special Features:** Portable, Travel
- **Built-in Protections:** Dynamic IC, Charger IC, Power fuse for rapid charging and overcharge protection.

9. WARRANTY INFORMATION

This Kircuit AC DC Adapter comes with a standard limited warranty. Please refer to the product packaging or the manufacturer's official website for detailed warranty terms and conditions. Keep your purchase receipt as proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Kircuit customer support through the retailer where the product was purchased or visit the manufacturer's official website for contact information.