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Kircuit AC Power Cord

Instruction Manual

Kircuit AC Power Cord for Rohde & Schwarz Spectrum Analyzers

Product Overview

This manual provides essential information for the safe and effective use of your Kircuit AC Power Cord. This power cord is designed to provide reliable power to a wide range of compatible Rohde & Schwarz devices, including various Spectrum Analyzer and Audio Analyzer series.



Figure 1: Kircuit AC Power Cord. This image shows the black power cord coiled, with a standard two-prong US plug on the left and a C7 figure-8 connector on the right, designed for various electronic devices.

The Kircuit AC Power Cord is a replacement or spare power cable, ensuring your equipment receives stable power from standard electrical outlets. It features a durable construction and is built with internal components for protection against overcharge and dynamic IC management.

Safety Information

- Always ensure the power cord is fully inserted into both the wall outlet and the device's power input.
- Do not use the power cord if it is damaged, frayed, or has exposed wires.
- Avoid placing heavy objects on the power cord or bending it sharply.
- Keep the power cord away from water, excessive heat, and direct sunlight.

- Disconnect the power cord from the wall outlet before cleaning or moving the device.
- This power cord is designed for indoor use only.

Setup

1. **Identify Compatible Device:** Ensure your device requires a C7 (figure-8) power connector and operates within the 100V-240V AC input range. This cord is compatible with various Rohde & Schwarz Spectrum Analyzer Series (e.g., FSQ, FSL, FSU, FSV, FSW, FSP, FPC, FSEA, FSEB, FSEK, FSEM, FSVA, FSIQ) and UPV/UPV66 Audio Analyzers.
2. **Inspect the Cord:** Before first use, visually inspect the entire length of the power cord for any signs of damage, cuts, or kinks. Do not use if damaged.
3. **Connect to Device:** Locate the power input port on your Rohde & Schwarz device. Align the C7 connector (the figure-8 end) of the Kircuit power cord with the device's input and push firmly until it is fully seated.
4. **Connect to Power Outlet:** Insert the two-prong plug end of the power cord into a standard 100V-240V AC wall outlet. Ensure the outlet is easily accessible and not overloaded.
5. **Verify Connection:** Once connected, ensure both ends of the cord are secure. Your device should now be ready to receive power.

Operating Instructions

The Kircuit AC Power Cord functions as a direct power supply cable. Its operation is passive, meaning it facilitates the transfer of electrical power from the wall outlet to your compatible device. There are no user-adjustable settings on the power cord itself.

- Once properly connected, the power cord will supply AC power to your device, allowing it to operate or charge its internal battery (if applicable).
- Always power off your device before disconnecting the power cord from the device or the wall outlet, especially during prolonged periods of non-use or during electrical storms.
- For optimal performance, use the power cord in a well-ventilated area to prevent overheating of the device it powers.

Maintenance

- **Cleaning:** Disconnect the power cord from all power sources. Use a soft, dry cloth to wipe down the cord and connectors. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, coil the power cord loosely. Avoid tight coiling or sharp bends, which can damage the internal wires. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Regular Inspection:** Periodically inspect the power cord for any signs of wear, such as cracks in the insulation, exposed wires, or bent prongs. Replace the cord immediately if any damage is observed.

Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Device not powering on.	Power cord not fully inserted.	Ensure both ends of the power cord are securely plugged into the device and the wall outlet.

Problem	Possible Cause	Solution
Device not powering on.	Wall outlet is not active.	Test the wall outlet with another known working appliance. Check circuit breaker if necessary.
Device not powering on.	Damaged power cord.	Inspect the power cord for visible damage. If damaged, discontinue use and replace the cord.
Device not powering on.	Incompatible device.	Verify that your device is listed as compatible with this power cord and uses a C7 connector.
Power cord feels warm.	Normal operation or overloaded circuit.	A slight warmth is normal. If it feels excessively hot, disconnect immediately and check for overloaded circuits or device issues.

If troubleshooting steps do not resolve the issue, consult the manual for your specific Rohde & Schwarz device or contact Kircuit customer support.

Specifications

Product Type: AC Power Cord

Brand: Kircuit

Input Voltage: 100V-240V AC

Connector Type (Device End): C7 (Figure-8)

Connector Type (Wall End): US 2-prong plug

Color: Black

Compatibility: Rohde & Schwarz FSQ, FSL, FSU, FSV, FSW, FSP, FPC, ETL TV, FSEA, FSEB, FSEK, FSEM, FSVA, FSIQ Spectrum Analyzer Series (e.g., FSL6, FSW8, FSW26, FSW85, FSEB30, FSEK20, FSEK30, FSVA30), and UPV/UPV66 Audio Analyzers.

Features: Built-in Dynamic IC, Charger IC & Power fuse for rapid charging and overcharge protection.

Warranty and Support

Kircuit products are designed for reliability and performance. For information regarding warranty coverage, please refer to the documentation provided with your purchase or visit the official Kircuit website.

For technical support or inquiries, please contact Kircuit customer service through their official channels. When contacting support, please have your product details and purchase information ready.

Online Resources: For additional information or frequently asked questions, you may visit the Kircuit brand page on Amazon or their official website (if available).

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