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Kircuit FSP090-RSCA

Kircuit 19V AC/DC Adapter for FSP Group Inc. FSP090-RSCA Instruction Manual

INTRODUCTION

This instruction manual provides important information for the safe and efficient use of your Kircuit 19V AC/DC Adapter. This adapter is designed to convert AC power into the DC power required by compatible devices, allowing you to operate your device or charge its battery from standard electrical outlets. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Use only with devices specified as compatible with 19V DC, 4.74A, 90W power requirements.
- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to strong impacts.
- Do not disassemble or attempt to repair the adapter. Refer all servicing to qualified personnel.
- Ensure the power outlet is easily accessible and unplug the adapter during lightning storms or when unused for long periods.
- Keep out of reach of children.
- The adapter is designed with built-in dynamic IC, charger IC, and power fuse for overcharge protection.

PACKAGE CONTENTS

Your Kircuit 19V AC/DC Adapter package includes:

- 1 x Kircuit 19V AC/DC Power Adapter
- 1 x AC Power Cord

SETUP INSTRUCTIONS

1. **Connect the AC Power Cord:** Take the AC power cord and connect its female end into the input port of the Kircuit AC/DC adapter. Ensure a firm connection.



Image: Close-up view of the AC power cord connecting to the adapter's input port.

2. **Connect to Power Outlet:** Plug the male end of the AC power cord into a standard electrical wall outlet (100V-240V AC). The adapter is now ready to receive power.



Image: The Kircuit AC/DC adapter connected to a wall outlet and ready for use.

3. **Connect to Device:** Insert the barrel plug connector of the adapter's DC output cable into the power input port of your compatible device. Ensure the connection is secure.



Image: Overview of the Kircuit AC/DC adapter, showing the DC output cable with its barrel plug.

OPERATION

Once properly connected, the Kircuit AC/DC adapter will supply power to your device or charge its battery. A small indicator light on the adapter unit may illuminate to confirm power is being supplied.

- Ensure your device is powered off before connecting or disconnecting the adapter to prevent potential damage.
- Monitor your device's charging indicator (if applicable) to confirm it is receiving power.
- Disconnect the adapter from the wall outlet and your device when not in use.

MAINTENANCE

- **Cleaning:** Disconnect the adapter from all power sources before cleaning. Use a soft, dry cloth to wipe the surface of the adapter. 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 winding the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is found, discontinue use immediately and replace the adapter.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Adapter not providing power.	Loose connection, faulty outlet, incompatible device.	Ensure all connections are secure. Test the outlet with another device. Verify device compatibility with adapter specifications (19V DC, 4.74A, 90W).

Problem	Possible Cause	Solution
Adapter gets unusually hot.	Overload, poor ventilation, internal fault.	Ensure the adapter is not covered and has adequate ventilation. Disconnect and allow to cool. If overheating persists, discontinue use.
Device not charging or powering on.	Incorrect adapter, device issue, damaged cable.	Confirm the adapter's output voltage and current match your device's requirements. Test the device with its original adapter if possible. Inspect cables for damage.

SPECIFICATIONS

Feature	Detail
Brand	Kircuit
Model Compatibility	FSP Group Inc. FSP090-RSCA, FSP090RSCA, A5E30106041, 9NA0901005
Input Voltage	100-240V AC
Output Voltage	19V DC
Output Current	4.74A
Power (Wattage)	90W
Connector Type	Barrel Plug
Special Features	Dynamic IC, Charger IC & Power fuse for overcharge protection. Anti-interference magnetic ring.
Color	Black
Dimensions (Adapter Unit)	Approx. 4.2 inches (Length) x 1.8 inches (Width) x 1.2 inches (Height)
DC Cable Length	Approx. 44.3 inches
AC Cable Length	Approx. 79.3 inches



Image: Kircuit AC/DC adapter showing physical dimensions of the unit and cable lengths.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the retailer. Keep your purchase receipt as proof of purchase.