

[Manuals.plus](#) /

› [Sqrgreat](#) /

› Sqrgreat USB DC 5V to DC 5V Cable (DC-5V-to-5V) User Manual

Sqrgreat DC-5V-to-5V

Sqrgreat USB DC 5V to DC 5V Cable User Manual

Model: DC-5V-to-5V

INTRODUCTION

This manual provides instructions for the Sqrgreat USB DC 5V to DC 5V Cable, model DC-5V-to-5V. This cable is designed to supply 5V DC power to various electronic devices through a standard USB 2.0 port. It features a 5.5 x 2.1mm DC jack and incorporates an upgraded intelligent IC circuit for protection against overcurrent, overvoltage, overload, and short circuits.



Image: The Sqrgreat USB DC 5V to DC 5V Cable, showing its full length and connectors.

SETUP

To set up the USB DC 5V to DC 5V Cable, follow these steps:

1. **Verify Device Compatibility:** Ensure your device requires a 5V DC power input and has a DC power jack with outer diameter (OD) of 5.5mm and inner diameter (ID) of 2.1mm. The cable provides a positive tip polarity. Refer to the image below for visual confirmation of the DC jack dimensions.
2. **Connect to Power Source:** Insert the USB Type-A connector of the cable into an available USB 2.0 port on a desktop computer, laptop, or a mobile power bank.
3. **Connect to Device:** Insert the DC 5.5 x 2.1mm jack into the corresponding power input port on your target device.
4. **Power On:** Once connected, your device should receive power.

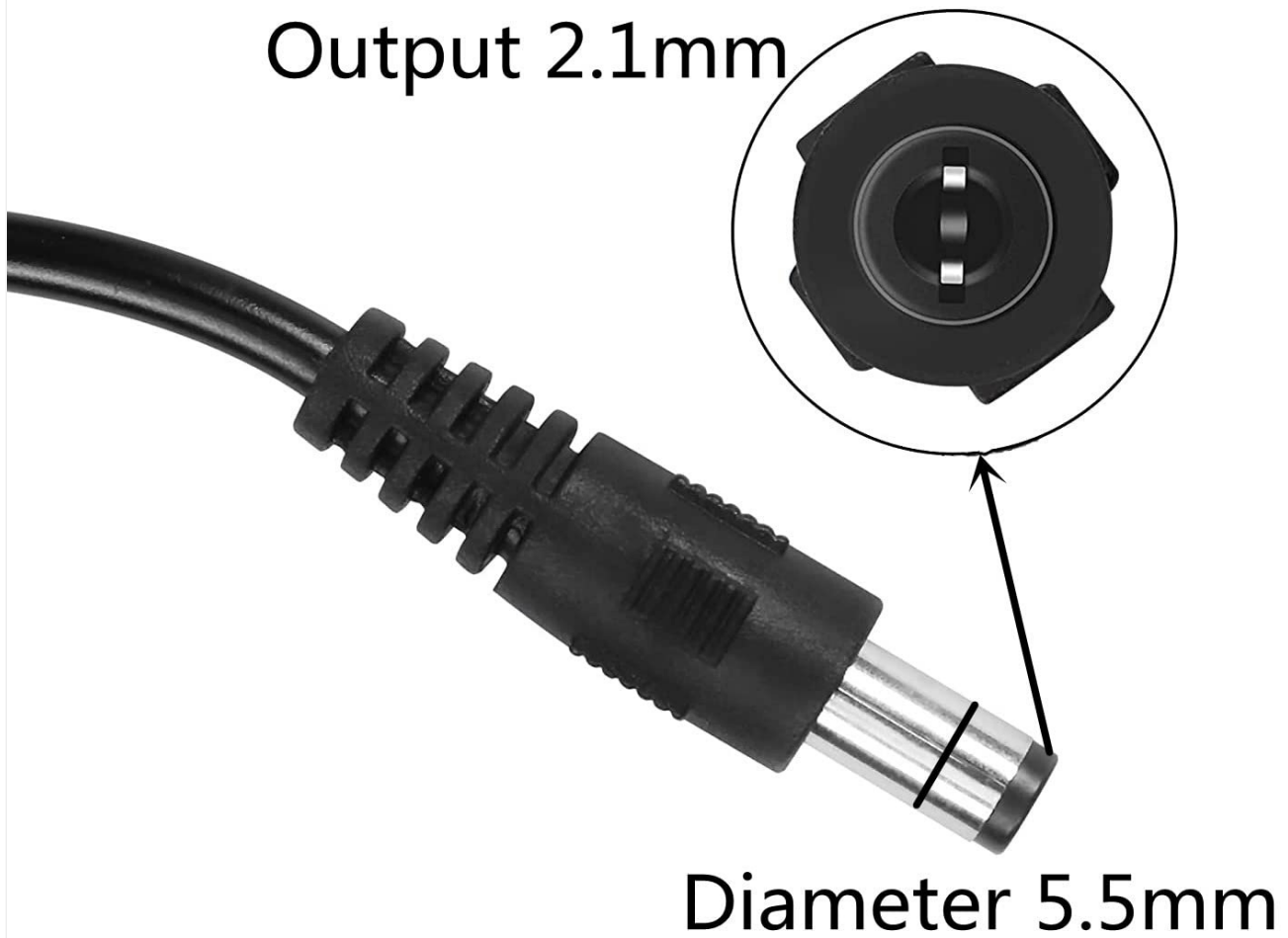


Image: Close-up view of the DC jack, illustrating the 5.5mm outer diameter and 2.1mm inner diameter for compatibility verification.

OPERATING INSTRUCTIONS

The Sqrgreat USB DC 5V to DC 5V Cable is designed for straightforward operation. Once properly connected as described in the Setup section, the cable will supply 5V DC power to your compatible device.

- **Powering Devices:** Use this cable to power various 5V devices such as small fans, table lamps, Bluetooth audio receivers, wireless routers, and speakers.
- **Mobile Power Solution:** In situations where a wall outlet is unavailable or during power outages, the cable can be used with a power bank to keep your essential 5V devices running.

Wide Scope of Application



TV Monitor



LED Strip



Smart Camera



Router

Image: Examples of devices compatible with the USB DC 5V cable, including a TV monitor, LED strip, smart camera, and router.

Official Product Video

Your browser does not support the video tag.

Video: An official video demonstrating the Sqr great USB Power Cable and its various applications. This video provides a visual overview of the product's features and how it can be used to power different 5V devices.

MAINTENANCE

To ensure the longevity and optimal performance of your Sqr great USB DC 5V to DC 5V Cable, consider the following maintenance guidelines:

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** If necessary, gently wipe the cable with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Handling:** Avoid excessive bending, twisting, or pulling of the cable, especially near the connectors, to prevent internal damage.

- **Inspection:** Periodically inspect the cable and connectors for any signs of wear, fraying, or damage. Discontinue use if any damage is observed.

TROUBLESHOOTING

If you encounter issues while using your USB DC 5V to DC 5V Cable, refer to the following troubleshooting tips:

- **Device Not Powering On:**

- Ensure both the USB connector and the DC jack are fully and securely inserted into their respective ports.
- Verify that the power source (USB port on computer or power bank) is active and providing 5V output.
- Double-check that your device requires 5V DC power and has a 5.5 x 2.1mm DC input jack with positive tip polarity. Incorrect voltage or connector size will prevent operation.
- Test the cable with a different compatible device or power source to isolate the issue.

- **Intermittent Power:**

- Check for loose connections at both ends of the cable.
- Inspect the cable for any visible damage or kinks that might interrupt the power flow.

- **Overcurrent/Overvoltage Protection:**

The cable features a built-in intelligent IC chip for protection. If the cable or device experiences overcurrent, overvoltage, overload, or a short circuit, the protection mechanism may temporarily cut power to prevent damage. Disconnect and re-connect the cable after resolving the underlying issue (e.g., reducing load, ensuring correct voltage). If the issue persists, the device or power source may be incompatible or faulty.

SPECIFICATIONS

| Feature | Detail |
|---------------------|---|
| USB Input | 5V |
| DC Output | 5V |
| Max Current | 0.8A (800mAh) |
| DC Connector Size | Outer Diameter: 5.5mm, Inner Diameter: 2.1mm |
| Cable Length | 4.9ft (1.5m) |
| Connector Type | USB Type A (Male) to DC Jack (Male) |
| Compatible Devices | Fan, Table Lamp, Bluetooth Audio, Wireless Router, Speakers, etc. (requiring 5V DC with 5.5x2.1mm jack) |
| Protection Features | Built-in intelligent IC chip for overcurrent, overvoltage, overload, short circuit protection |
| Model Name | USB DC 5V to DC 5V Cable |
| Item Model Number | DC-5V-to-5V |

WARRANTY AND SUPPORT

For any questions, concerns, or support regarding your Sqrgrat USB DC 5V to DC 5V Cable, please refer to the product's purchase platform or contact the manufacturer directly. Keep your purchase receipt for any warranty claims, if applicable.



© 2024 Sqrgreat. All rights reserved.