

RQG LDW931

RQG Portable USB WiFi Hotspot User Manual

Model: LDW931

1. INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your RQG Portable USB WiFi Hotspot. Please read it thoroughly before using the device to ensure optimal performance and longevity. This device is designed to provide high-speed 4G LTE internet access for up to 10 WiFi users simultaneously.

2. PRODUCT OVERVIEW

2.1 Package Contents

Verify that all items are present in your package:

- 1 x 4G LTE USB Wireless Router (RQG Portable USB WiFi Hotspot)
- 1 x User Manual

2.2 Device Features

The RQG Portable USB WiFi Hotspot is a compact and lightweight device designed for mobile internet access. It features a USB 2.0 interface for power and connectivity, an indicator light, and a Nano SIM card slot. The device supports 4G LTE and 3G networks, providing high-speed internet for multiple users.



Figure 1: RQG Portable USB WiFi Hotspot and Packaging

This image displays the white RQG Portable USB WiFi Hotspot device alongside its retail box. The device is sleek and rectangular, with an indicator light and 4G LTE branding. The box highlights key features such as '3in1', '150Mbps', and 'Wi-Fi Router'.



Figure 2: Device Top and Bottom View

This image shows the top and bottom surfaces of the RQG Portable USB WiFi Hotspot. The top surface displays the default SSID, WiFi key, and login password for the device's web interface. The bottom surface reveals the Nano SIM card slot and a small reset button.

3. SETUP

3.1 SIM Card Installation

1. Locate the SIM card slot on the device (refer to Figure 2).
2. Insert a Nano SIM (4FF SIM) card into the designated slot. Ensure the SIM card is inserted correctly according to the diagram on the device or in the manual.
3. Before inserting, ensure your SIM card's frequency is compatible with the device's supported bands (4G FDD LTE: B2/B4/B5; 3G UMTS: B2/B4).
4. If your SIM card has a PIN, disable it using another device (e.g., a smartphone) before inserting it into the hotspot.

3.2 Powering On the Device

1. Connect the RQG Portable USB WiFi Hotspot to a USB 2.0 port on a power source. This can be a computer, laptop, USB wall adapter (5V/1A recommended), car charger, or mobile power bank.
2. The device will power on automatically. Observe the indicator light for status.

3.3 Initial WiFi Connection

1. Once the device is powered on, it will broadcast a WiFi network.
2. On your computer, smartphone, or tablet, search for available WiFi networks.
3. Locate the network name (SSID) printed on the device (refer to Figure 2, e.g., SSID:4G-UFI-XXXXXX).
4. Enter the default WiFi key (password) also printed on the device (e.g., key:12345678) to connect.
5. If necessary, adjust APN settings through the device's web interface (login password: admin, IP: 192.168.0.1) for plug-and-play functionality with your specific SIM card.



Figure 3: SIM Card Insertion and Usage Examples

This image illustrates the process of inserting a Nano SIM card into the RQG Portable USB WiFi Hotspot. It also provides visual examples of how the device can be used to provide internet connectivity to various devices such as smartphones, smart tablets, and laptops via its USB connection or WiFi hotspot functionality.

4. OPERATING INSTRUCTIONS

4.1 Connecting Devices

The RQG Portable USB WiFi Hotspot can connect up to 10 devices simultaneously within an effective WiFi range of 10 meters. Simply connect your WiFi-enabled devices (smartphones, tablets, laptops, etc.) to the hotspot's WiFi network using the SSID and password.

4.2 Internet Speed and Connectivity

The device supports LTE CAT4 standard, offering download speeds up to 150 Mbps and upload speeds up to 50 Mbps, depending on signal strength and network conditions. It is compatible with 4G FDD LTE bands B2 (1900MHz), B4 (1700MHz), B5 (850MHz) and 3G UMTS bands B2/B4, ensuring wide compatibility in regions like the USA, Canada, and Mexico.

4.3 Supported Operating Systems

The device is plug-and-play and does not require driver installation. It is compatible with a wide range of operating

systems, including:

- Windows XP (SP2)
- Windows Vista
- Windows 7 (32bit/64bit)
- Windows 8 / 8.1
- Mac OS X 10.5, 10.10 or higher

4.4 Flexible Charging

The mobile hotspot device can be conveniently charged via various USB power sources, including car chargers, mobile power banks, or standard phone chargers, providing versatile power solutions for different environments.

5. MAINTENANCE

To ensure the longevity and optimal performance of your RQG Portable USB WiFi Hotspot, please follow these maintenance guidelines:

- **Heat Dissipation:** During prolonged use, ensure the device has proper ventilation to avoid overheating. Do not cover the device or place it in enclosed spaces.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the device in a cool, dry place, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your RQG Portable USB WiFi Hotspot, refer to the following common problems and solutions:

- **No Internet Connection:**
 - Ensure the SIM card is correctly inserted and activated with a data plan.
 - Verify that your SIM card's frequency bands are compatible with the device.
 - Check if the SIM card has a PIN enabled; disable it if so.
 - Adjust APN settings if necessary via the device's web interface (IP: 192.168.0.1, Login Password: admin).
 - Check for network signal strength. Move to an area with better coverage if needed.
- **Cannot Connect to WiFi:**
 - Ensure the device is powered on and its indicator light is active.
 - Verify you are entering the correct WiFi SSID and password (found on the device itself).
 - Restart the hotspot by unplugging and re-plugging it.
 - Try connecting with a different device to rule out client-side issues.
- **Device Overheating:**
 - Ensure the device is placed in an open area with good airflow.
 - Avoid covering the device or placing it on soft surfaces that can block ventilation.
 - Disconnect the device if it becomes excessively hot and allow it to cool down before resuming use.
- **Slow Internet Speed:**
 - Signal strength may be low; try moving the device to a location with better reception.

- Too many devices connected; disconnect some devices to improve performance.
- Network congestion from your mobile carrier.

7. SPECIFICATIONS

Detailed technical specifications for the RQG Portable USB WiFi Hotspot:

Feature	Specification
Product Name	4G LTE USB Wireless Router with SIM Card Slot
Model Number	LDW931
Connectivity	3G & 4G, Wi-Fi
Supported WiFi Users	Up to 10 devices
Input Voltage	5V/1A
WiFi Transmission Rate (Download)	Up to 150 Mbps (LTE CAT4)
4G FDD LTE Frequency	B2 (1900MHz), B4 (1700MHz), B5 (850MHz)
3G UMTS Frequency	B2 (1900MHz), B4 (1700MHz)
WLAN Standard	802.11 b/g/n (Single-Band)
FDD-LTE/TDD-LTE Speeds	UL 50Mbps / DL 150Mbps
DC-HSPA+ Speeds	UL 5.76M / DL 42Mbps
Supported Operating Systems	Windows XP(SP2)/Vista/7(32/64bit)/8/8.1, Mac OS X 10.5, 10.10 or higher
USB Interface	Standard USB 2.0
SIM Card Type	Nano SIM, 4FF SIM
Max Power Consumption	<2W
Storage Temperature	-20°C ~ 75°C (-4°F ~ 167°F)
Working Temperature	-10°C ~ 45°C (14°F ~ 113°F)
Item Weight	0.882 ounces (approx. 25g)
Package Dimensions	4 x 1.99 x 1 inches
Special Feature	LED Indicator
Antenna Type	Internal

8. WARRANTY AND SUPPORT

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding warranty information, please contact your retailer or the manufacturer, RQG. Please have your product model number (LDW931) and purchase details ready when contacting support.

