

JEXtreame RG2100

Franklin Wireless JEXtreame RG2100 5G WiFi 6 Mobile Hotspot Router User Manual

Model: RG2100 | Brand: JEXtreame

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Franklin Wireless JEXtreame RG2100 5G WiFi 6 Mobile Hotspot Router. Designed for robust and reliable internet connectivity, this device offers high-speed 5G LTE access, making it ideal for various applications including remote work, outdoor meetings, traveling, gaming, and streaming.



Figure 1: Franklin Wireless JEXtreame RG2100 Mobile Hotspot Router

The JEXtreame RG2100 is equipped with WiFi 6 technology and a powerful 5,000mAh rechargeable battery, ensuring extended usage and the ability to function as a portable charger for other devices. Its intuitive touch control interface simplifies navigation and management of your network settings.

2. WHAT'S IN THE BOX

Please verify that all the following items are included in your package:

- RG2100 Mobile Hotspot Router
- USB Type C Cable
- Power Adapter
- 5,000mAh Rechargeable battery

3. KEY FEATURES

- **5G LTE Connectivity:** Provides high-speed internet access via T-Mobile's 5G LTE network.
- **WiFi 6 Technology:** Supports 802.11ac wireless communication standard for enhanced speed and efficiency.
- **Portable Charger Functionality:** Integrated 5,000mAh rechargeable battery can also charge other devices.
- **Dual-Band Frequency:** Operates on dual-band frequencies, including 5 GHz, for flexible connectivity.
- **Internal Antenna:** Features an internal antenna for a compact design.
- **Touch Control:** User-friendly interface with touch screen navigation.
- **High Data Transfer Rate:** Supports a maximum upstream data transfer rate of 1000 Megabits Per Second.
- **Security Protocol:** Equipped with WPA2-PSK for secure wireless connections.
- **Operating System:** Runs on RouterOS.

4. SETUP

1. **Insert SIM Card:** Open the back cover of the RG2100 router and carefully insert your T-Mobile compatible SIM card into the designated slot. Ensure it is correctly oriented.
2. **Install Battery:** Place the 5,000mAh rechargeable battery into its compartment and secure the back cover.
3. **Charge Device:** Connect the USB Type C cable to the router and the power adapter, then plug the adapter into a power outlet. Allow the device to fully charge before initial use. The screen will indicate charging status.
4. **Power On:** Press and hold the power button (usually located on the side or top) until the screen illuminates.
5. **Initial Configuration:** Follow the on-screen prompts to complete any initial setup steps, such as setting a device password or reviewing network information.

5. OPERATING INSTRUCTIONS

5.1. Connecting Devices to Wi-Fi

1. **Access Wi-Fi Information:** On the RG2100's touch screen, navigate to the Wi-Fi settings or information screen to find the Network Name (SSID) and Password.
2. **Connect from Your Device:** On your computer, smartphone, or other Wi-Fi enabled device, search for available Wi-Fi networks.

3. **Select and Enter Password:** Select the RG2100's Network Name (SSID) from the list and enter the Wi-Fi password when prompted.
4. **Confirm Connection:** Once connected, your device should show a Wi-Fi symbol, and the RG2100 screen may indicate the number of connected devices.

5.2. Using as a Portable Charger

To use the RG2100 as a portable charger, connect your external device (e.g., smartphone, tablet) to the router's USB Type C port using a compatible charging cable. The router's 5,000mAh battery will begin to supply power to your device.

5.3. Navigating the Touch Screen

The RG2100 features a touch-sensitive screen for easy navigation. Use the on-screen arrows or swipe gestures (if supported by the firmware) to browse through menus, view network status, data usage, battery level, and other settings.

6. MAINTENANCE

- **Keep Clean:** Regularly wipe the device with a soft, dry cloth to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.
- **Battery Care:** To prolong battery life, avoid exposing the device to extreme temperatures. For long-term storage, charge the battery to about 50% and store in a cool, dry place.
- **Software Updates:** Periodically check for firmware updates through the device's settings menu or the manufacturer's website to ensure optimal performance and security.
- **Avoid Physical Damage:** Protect the device from drops, impacts, and exposure to water or excessive moisture.

7. TROUBLESHOOTING

7.1. No Internet Connection

- **Check SIM Card:** Ensure the SIM card is correctly inserted and active with a T-Mobile data plan.
- **Signal Strength:** Verify that the device is in an area with adequate T-Mobile network coverage. Check the signal indicator on the screen.
- **Restart Device:** Power off the RG2100, wait a few seconds, and then power it back on.
- **Data Limit:** Confirm that your data plan has not been exhausted.

7.2. Slow Wi-Fi Speed

- **Reduce Connected Devices:** Too many devices connected simultaneously can reduce speed.
- **Proximity to Router:** Ensure your connected devices are within a reasonable range of the hotspot.
- **Interference:** Move the hotspot away from other electronic devices that might cause interference.

7.3. Battery Not Charging or Draining Quickly

- **Check Cable and Adapter:** Ensure the USB Type C cable and power adapter are securely connected and undamaged.
- **Use Original Accessories:** Always use the provided power adapter and cable for optimal charging.
- **Environmental Factors:** Avoid charging in extremely hot or cold environments.

8. SPECIFICATIONS

Brand	JEXtream
Model Name	RG2100
Connectivity Technology	USB, Wi-Fi
Wireless Communication Standard	802.11ac (WiFi 6)
Frequency Band Class	Dual-Band (5 GHz)
Maximum Upstream Data Transfer Rate	1000 Megabits Per Second
Battery Capacity	5,000mAh Rechargeable battery
Antenna Type	Internal
Security Protocol	WPA2-PSK
Control Method	Touch
Operating System	RouterOS
Compatible Devices	Personal Computer (and other Wi-Fi enabled devices)
Included Components	RG2100 Mobile Hotspot Router, USB Type C Cable, Power Adapter, 5,000mAh Rechargeable battery

9. WARRANTY AND SUPPORT

The Franklin Wireless JEXtream RG2100 Mobile Hotspot Router comes with a**90-day limited warranty**. Please retain your proof of purchase for warranty claims.

For technical support, further assistance, or to inquire about warranty services, please refer to the contact information provided with your product packaging or visit the official JEXtream support website. Always provide your model number (RG2100) and any relevant purchase details when seeking support.