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› Beiouer WR710 Wireless Router User Manual - 300Mbps 4G LTE WiFi Router Modem Model 500456324A2

Beiouer 500456324A2

Beiouer WR710 Wireless Router User Manual

Model: 500456324A2

1. INTRODUCTION

Thank you for choosing the Beiouer WR710 Wireless Router. This device is designed to provide high-speed 4G LTE internet access and Wi-Fi connectivity for multiple users. This manual will guide you through the setup, operation, and maintenance of your router to ensure optimal performance.

2. SAFETY INFORMATION

- Use only the provided power adapter. Using an unauthorized adapter may damage the device and void the warranty.
- Do not expose the router to water, fire, high temperatures, or humid environments.
- Avoid placing the router near heat sources or in direct sunlight.
- Do not attempt to disassemble or repair the router yourself. Contact qualified service personnel for assistance.
- Ensure proper ventilation around the router to prevent overheating.

3. PACKAGE CONTENTS

Please check the package contents carefully. If any item is missing or damaged, contact your retailer.

- 1 x Beiouer WR710 4G LTE WiFi Router
- 1 x Power Adapter (US Plug)



Image: The Beuiouer WR710 Wireless Router shown with its included US plug power adapter. The image displays both the front and rear views of the router, highlighting the ports and antennas.

4. PRODUCT OVERVIEW

4.1 Front Panel



Image: Front view of the Beuiouer WR710 Wireless Router, showing the LED indicator lights for power, Wi-Fi, 4G/LTE signal strength, and network activity.

The front panel features LED indicators that provide status information:

- **Power LED:** Indicates power status.
- **Wi-Fi LED:** Indicates Wi-Fi activity.
- **4G/LTE Signal LED:** Indicates the strength of the 4G/LTE signal.
- **LAN/WAN LEDs:** Indicate network activity on the Ethernet ports.

4.2 Rear Panel



Image: Rear view of the Beuiouer WR710 Wireless Router, displaying the Ethernet ports (LAN/WAN), power input, and SIM card slot. An Ethernet cable and SIM card are also shown.

The rear panel includes essential ports and slots:

- **SIM Card Slot:** For inserting your 4G LTE SIM card.
- **WAN Port:** Connects to an external modem or existing network for wired internet access.
- **LAN Ports (3x):** Connects to wired devices such as computers, smart TVs, or gaming consoles.
- **Power Input:** Connects to the provided power adapter.
- **Reset Button:** Used to restore factory default settings (press and hold for 5-10 seconds).

4.3 Antennas

4 High Gain Antennas

Dual 3G/4G antennas + dual 2.4GHz antennas, to keep signal strong and stable



Image: A diagram illustrating the four high-gain antennas of the router, indicating that two are for WiFi (2.4GHz) and two are for LTE (3G/4G), designed to maintain strong and stable signal.

The router is equipped with four external high-gain antennas. Two antennas are dedicated to 3G/4G LTE signal reception, and the other two are for 2.4GHz Wi-Fi transmission, ensuring strong and stable wireless connectivity.

5. SETUP

5.1 Step 1: Insert SIM Card

Ensure the router is powered off before inserting the SIM card.

1. Locate the SIM card slot on the rear panel of the router.
2. Insert your standard-sized 4G LTE SIM card into the slot with the metal contacts facing down and the notched corner oriented correctly. Push until it clicks into place.

4G LTE WIFI Router



Image: The Beuiouer WR710 Wireless Router with a glowing effect around the SIM card slot, indicating where to insert the SIM card for 4G LTE connectivity.

5.2 Step 2: Connect Power Adapter

1. Connect one end of the provided power adapter to the power input port on the router's rear panel.
2. Plug the other end of the power adapter into a standard electrical outlet.

5.3 Step 3: Connect to Network (Optional)

If you wish to use a wired internet connection or connect wired devices:

- **For wired internet (WAN):** Connect an Ethernet cable from your external modem or existing network to the WAN port on the router.
- **For wired devices (LAN):** Connect Ethernet cables from your computers or other wired devices to any of the LAN ports on the router.

5.4 Step 4: Power On

Once all connections are secure, the router will power on automatically. Wait for the Power LED to become solid and the 4G/LTE Signal LED to indicate a stable connection (usually solid green or blue, depending on

the model).

6. OPERATING INSTRUCTIONS

6.1 Connecting to Wi-Fi

To connect your wireless devices (smartphones, laptops, tablets) to the router's Wi-Fi network:

1. On your device, enable Wi-Fi and search for available networks.
2. Select the Wi-Fi network name (SSID) displayed on the label at the bottom of your router.
3. Enter the Wi-Fi password (Key) found on the same label.
4. Your device should now be connected to the internet.



Image: A laptop and two individuals using mobile devices, all connected wirelessly, illustrating the router's Wi-Fi functionality.

6.2 Accessing the Web Management Interface

To configure advanced settings, you can access the router's web-based management interface:

1. Connect your computer to the router via Wi-Fi or an Ethernet cable.

2. Open a web browser (e.g., Chrome, Firefox, Edge).
3. In the address bar, type the default IP address (usually 192.168.1.1 or 192.168.0.1) and press Enter. Refer to the router's label for the exact IP address.
4. Enter the default username and password (usually admin/admin or found on the router label).
5. You can now access and modify router settings such as Wi-Fi name, password, network modes, and security options.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the router. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Keeping your firmware updated ensures optimal performance and security.
- **Restarting:** If you experience network issues, try restarting the router by unplugging the power adapter for 10 seconds and then plugging it back in.
- **Factory Reset:** If the router is not functioning correctly or you forget the login credentials, you can perform a factory reset by pressing and holding the Reset button on the rear panel for 5-10 seconds while the router is powered on. This will erase all custom settings.

8. TROUBLESHOOTING

Problem	Possible Solution
No Power LED	Ensure the power adapter is securely connected to the router and a working electrical outlet. Try a different outlet.
No Internet Connection (4G LTE)	Check if the SIM card is correctly inserted. Verify that your SIM card has an active data plan. Check the 4G/LTE Signal LED for signal strength. Try restarting the router.
Cannot connect to Wi-Fi	Ensure Wi-Fi is enabled on your device. Verify the Wi-Fi network name (SSID) and password. Move closer to the router.
Slow Internet Speed	Check 4G/LTE signal strength. Reduce the number of connected devices. Ensure the router is placed in an open area away from obstructions and interference.
Cannot access web management interface	Verify your computer is connected to the router. Ensure you are using the correct IP address, username, and password. Clear your browser's cache or try a different browser.

9. SPECIFICATIONS

Feature	Description
Model	500456324A2 (WR710)
Supported Frequency Bands	FDD band B1/3/8, TDD band B38/39/40/41, 3G band 1

Feature	Description
Ethernet Ports	3 x LAN, 1 x WAN
Power Input	12V/1A
Maximum Power Consumption	Less than 2.5W
WiFi Standard Protocol	802.11b/g
Maximum WiFi Speed	300Mbps
WiFi Frequency	2400MHz-2483.5MHz
Antennas	4 x External (2x WiFi, 2x 4G/LTE)
Operating Temperature	0°C to 55°C
Working Humidity	10%-90%RH
Storage Temperature	-25°C to 55°C
Dimensions	220 x 165 x 45mm (8.66 x 6.5 x 1.77 inches)

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Beuiouer website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or any inquiries regarding your Beuiouer WR710 Wireless Router, please contact your retailer or the manufacturer's customer support channels.