Aramox Aramoxsyago45q98

Aramox 4G Broadband Router (Model Aramoxsyago45q98) User Manual

1. Introduction

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Aramox 4G Broadband Router, Model Aramoxsyago45q98. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x Wifi Hotspot Router
- 1 x Card Removal Tool
- 1 x USB Cable
- 1 x Instruction Manual

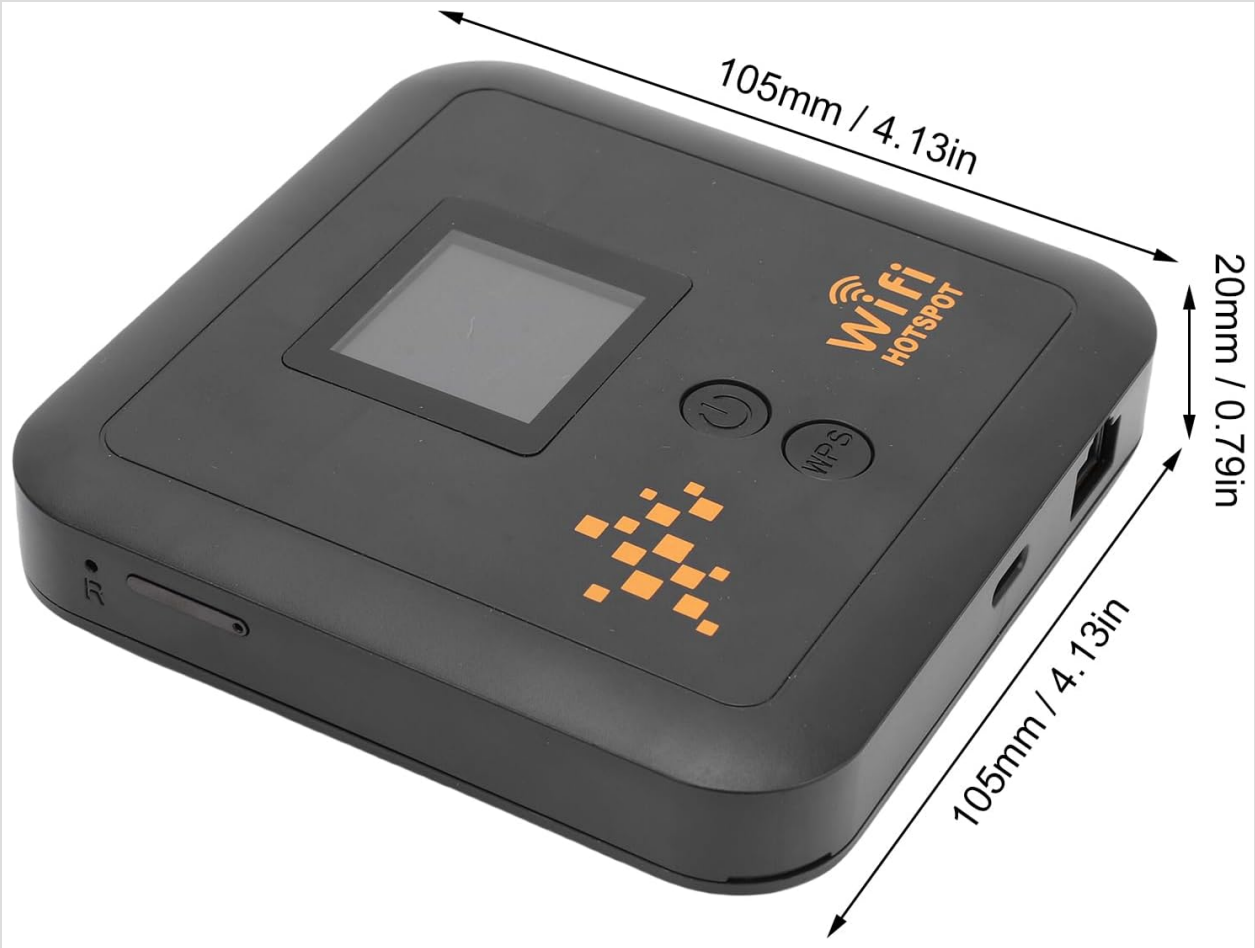
3. Product Overview

The Aramox 4G Broadband Router is a portable device designed to provide wireless internet access via 4G LTE networks. It features a built-in battery for extended use and supports multiple device connections.



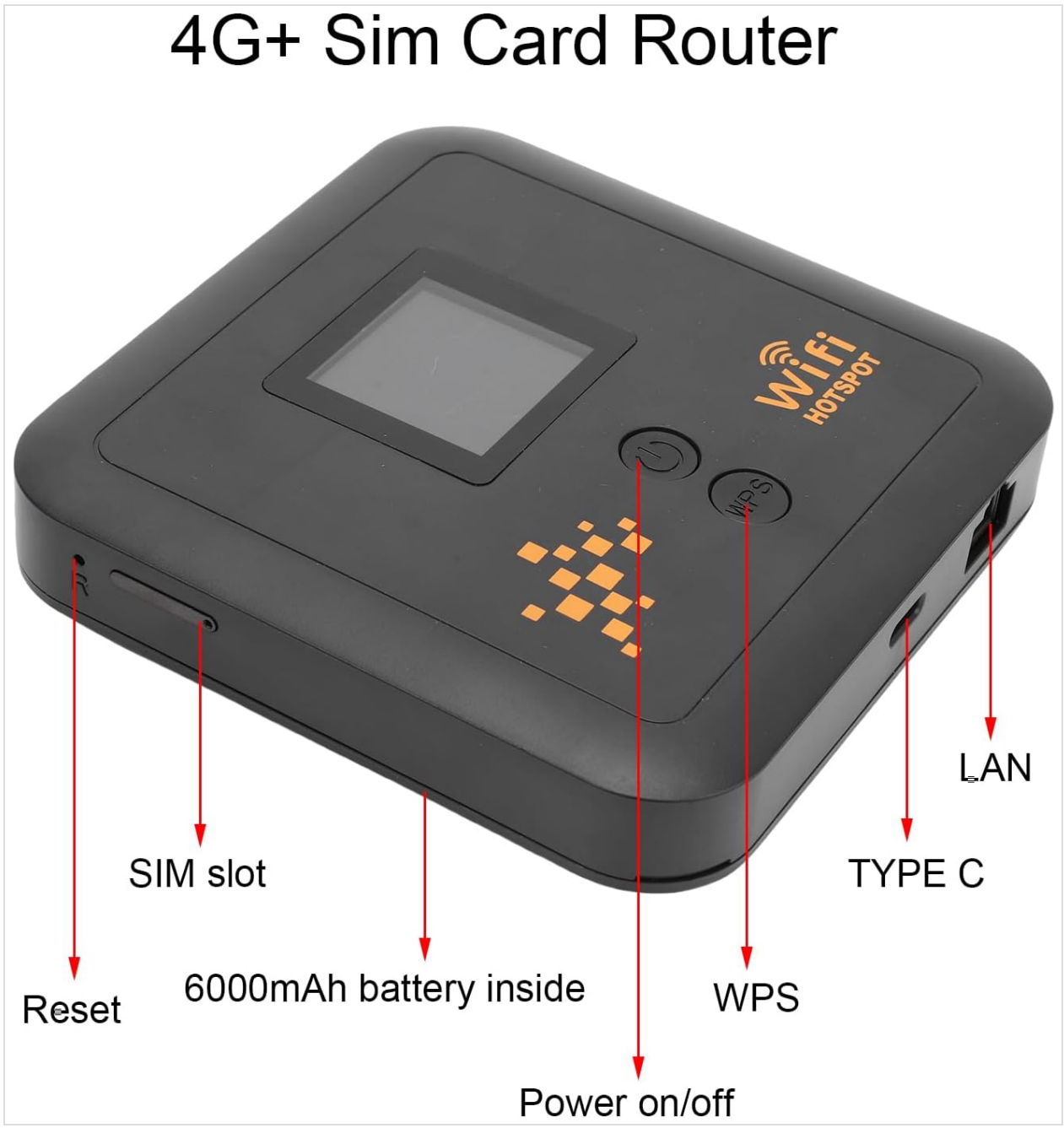
Front view of the Aramox 4G Broadband Router, showing the display, power button, and WPS button.

3.1 Device Dimensions



Top-down view of the Aramox 4G Broadband Router with dimensions indicated: 105mm (4.13in) length and width, 20mm (0.79in) height.

3.2 Ports and Indicators



Angled view of the Aramox 4G Broadband Router highlighting its various ports and buttons: SIM slot, Reset button, 6000mAh battery indicator, Power on/off button, WPS button, Type-C port, and LAN port.



Close-up view of the side of the Aramox 4G Broadband Router, showing the LAN port and the Type-C charging port.



Close-up view of the side of the Aramox 4G Broadband Router, showing the recessed Reset button.

4. Setup

4.1 SIM Card Installation

The SIM card slot is designed similar to the SIM card holder of a mobile phone. Follow these steps:

1. Locate the SIM card slot on the device.
2. Using the provided card removal tool, gently eject the SIM tray.
3. Place your activated SIM card into the holder in the correct orientation.
4. Carefully insert the SIM tray back into the device until it clicks into place.

4.2 Powering On/Off

To power on the device, press and hold the Power button until the display illuminates. To power off, press and hold the Power button again until the device shuts down.

4.3 Initial Connection

After powering on, the device will attempt to connect to the 4G network. Once connected, the Wi-Fi network name (SSID) and password will be displayed on the device screen or can be found on a label inside the battery compartment. Connect your devices to this Wi-Fi network using the provided credentials.

5. Operating Instructions

5.1 Connecting Devices

The router supports connection for multiple devices simultaneously. You can connect via Wi-Fi or use the Ethernet port for a wired connection.

- **Wi-Fi Connection:** Search for the router's SSID on your device (e.g., smartphone, laptop, tablet) and enter the Wi-Fi password.
- **WPS Function:** Press the WPS button on the router and then activate WPS on your client device to establish a connection without entering a password.
- **Ethernet Connection:** Use a standard Ethernet cable to connect a device to the LAN port on the router.



Diagram illustrating the Aramox 4G Broadband Router connecting to multiple devices such as a tablet, smartphone, and security camera, demonstrating its multi-device support.

5.2 Network Management

You can manage the router settings and monitor network status by accessing its web interface. Open a web browser on a connected device and enter the default IP address: **192.168.100.1**. Log in with the default credentials (usually found in the manual or on a sticker on the device) to configure settings such as Wi-Fi name, password, and security protocols.
The device also supports remote management, allowing users to check network status and manage devices from anywhere via a dedicated application, if available.

5.3 Load Balancing and Redundancy

The router features intelligent load balancing and redundancy backup capabilities. This ensures continuous network stability and helps prevent network downtime by distributing network traffic efficiently and providing failover mechanisms.

6. Specifications

Feature	Description
Model Number	Aramoxsyago45q98
Item Type	Wifi Hotspot Router
Material	Plastic
Product Size	Approx. 105 x 105 x 20mm (4.13 x 4.13 x 0.79in)
Item Weight	Approx. 278g (9.8oz)
Battery	Built-in Li Battery 6000MAH
4G LTE Bands	B1, B3, B5, B7, B8, B20, B28, B32, B38, B41, B42, B43
3G Bands	B1, B3, B5, B8
Network Formats	TDD LTE, WCDMA, FDD LTE
Wireless Standard	802.11AC
Wireless Frequency	2.4GHz
Transfer Rate	Up to 500Mbps (4G LTE)
Built-in Firewall	Yes
Default IP Address	192.168.100.1
SIM Card Slots	1
Connectivity Technology	Ethernet, Wi-Fi
Recommended Uses	Indoor/Outdoor

7. Maintenance

To ensure the longevity and optimal performance of your Aramox 4G Broadband Router, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid liquid cleaners or abrasive materials.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For devices with built-in batteries, avoid fully discharging the battery frequently. Charge the device regularly, even if not in use, to maintain battery health.
- **Firmware Updates:** Periodically check the manufacturer's website or the device's web interface for available firmware updates to improve performance and security.

8. Troubleshooting

If you encounter issues with your router, refer to the following common troubleshooting steps:

- **No Internet Connection:**
  - Ensure the SIM card is correctly inserted and activated.
  - Check if the device has sufficient signal strength.
  - Verify your data plan is active and has available data.
  - Restart the router.
- **Slow Connection Speed:**
  - Move the router to a location with better signal reception.
  - Reduce the number of connected devices.
  - Check for network congestion in your area.
- **Cannot Access Web Interface:**
  - Ensure your device is connected to the router's Wi-Fi or LAN.
  - Verify you are using the correct IP address (192.168.100.1).
  - Try a different web browser.
- **Device Not Responding:**
  - Perform a soft reset by powering the device off and on.
  - If the issue persists, use the card removal tool to press the recessed Reset button for 5-10 seconds to restore factory settings. **Note:** This will erase all custom configurations.

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Aramox brand store. Keep your proof of purchase for warranty claims.
You can find more information and support resources at theAramox Store.