SpaceX UTR-211

SpaceX STARLINK Mesh WiFi Router V2 User Manual

Model: UTR-211

1. Introduction

The Starlink Mesh WiFi Router V2 is designed to wirelessly extend your existing Starlink WiFi network, providing enhanced coverage and faster speeds in areas of your home or office where additional connectivity is needed. This manual provides essential information for setting up, operating, and maintaining your Mesh WiFi Router.

2. Package Contents

Please verify that all items are present in your package:

- Starlink Mesh WiFi Router V2 (Model: UTR-211)
- Power Adapter

3. Product Overview

Familiarize yourself with the physical components of your Starlink Mesh WiFi Router V2.



Figure 3.1: Front view of the Starlink Mesh WiFi Router V2. The router features a sleek, rectangular design with the Starlink logo subtly placed at the bottom.

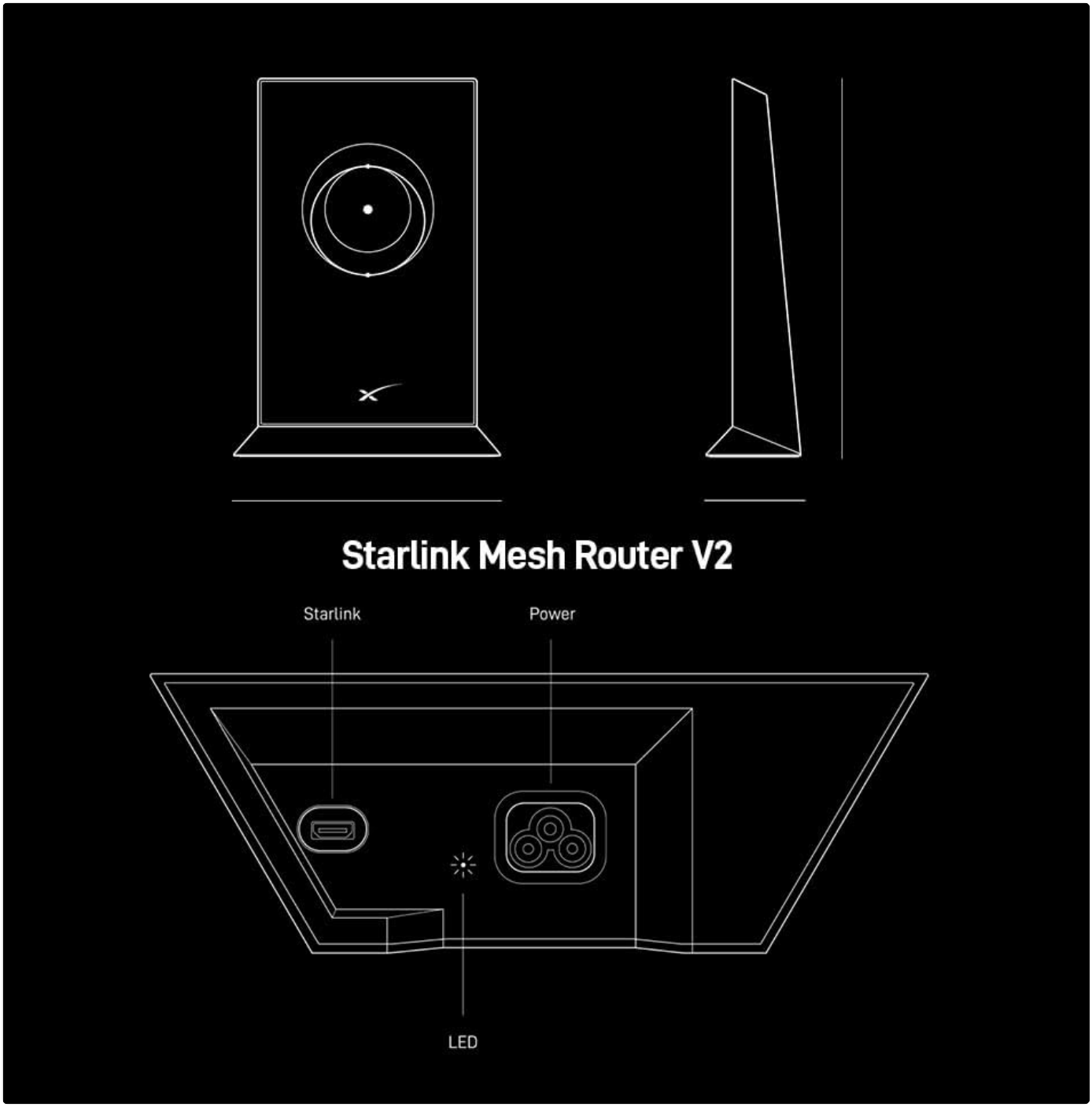


Figure 3.2: Rear view of the Starlink Mesh WiFi Router V2, illustrating the port layout. It includes a Starlink port for connection to the main Starlink router, a Power port for the power adapter, and an LED indicator for status.

3.1. Ports and Indicators

- **Starlink Port:** Connects to your primary Starlink router to establish the mesh network.
- **Power Port:** Connects to the provided power adapter.
- **LED Indicator:** Displays the operational status of the router. Refer to the Starlink App for detailed status interpretations.

4. Setup Instructions

Follow these steps to set up your Starlink Mesh WiFi Router V2:

1. **Download the Starlink App:** Ensure you have the latest version of the Starlink App installed on your smartphone or tablet. The app is required for setup and management.

2. **Placement:** Choose a central location within your home where you want to extend WiFi coverage. Ensure the router is placed upright and has good ventilation. Avoid placing it near large metal objects or other devices that may cause interference.
3. **Connect Power:** Plug the power adapter into the Power port on the back of the Mesh WiFi Router, then plug the adapter into a wall outlet. The LED indicator will illuminate.
4. **Connect to Primary Router:** Using an Ethernet cable (not included, typically provided with the primary Starlink Kit), connect the Starlink port on the Mesh WiFi Router to an available Ethernet port on your primary Starlink router.
5. **Configure via App:** Open the Starlink App. The app should detect the new Mesh WiFi Router. Follow the on-screen prompts to add it to your existing Starlink network. This process typically involves naming the mesh node and confirming its connection.
6. **Verify Connection:** Once configured, the LED indicator on the Mesh WiFi Router should show a solid white light (or as indicated by the app for a successful connection). You can verify the extended network coverage and performance using the Starlink App.

For more detailed setup tips and troubleshooting, refer to the in-app installation guide within the Starlink App.

5. Operating Instructions

Once set up, the Starlink Mesh WiFi Router V2 operates automatically to extend your WiFi network. Devices will seamlessly connect to the strongest available signal, whether from your primary Starlink router or the mesh node.

- **Network Management:** All network settings, including WiFi name (SSID), password, and connected devices, are managed through the Starlink App.
- **LED Status:** The LED indicator provides a quick visual status. Consult the Starlink App for specific meanings of different LED states (e.g., solid white for connected, blinking for searching).

6. Maintenance

To ensure optimal performance and longevity of your Mesh WiFi Router:

- **Cleaning:** Gently wipe the exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the router's ventilation openings are not blocked to prevent overheating.
- **Firmware Updates:** The router's firmware is automatically updated by Starlink. Ensure your primary Starlink system is connected to the internet for these updates to occur.

7. Troubleshooting

If you encounter issues with your Starlink Mesh WiFi Router V2, consider the following:

- **No Internet Connection:**
  - Check the primary Starlink system for internet connectivity.
  - Ensure the Mesh WiFi Router is properly connected to the primary router and powered on.
  - Restart the Mesh WiFi Router by unplugging and replugging the power adapter.
- **Poor Signal/Slow Speeds:**
  - Relocate the Mesh WiFi Router to a more central position or closer to the area needing improved coverage.
  - Ensure there are no major obstructions (e.g., thick walls, large appliances) between the mesh router and your devices, or between the mesh router and the primary router.
  - Check for sources of interference (e.g., microwaves, cordless phones).

- **Router Not Detected in App:**
  - Ensure the Mesh WiFi Router is powered on and connected to the primary Starlink router.
  - Restart the Starlink App.
  - Ensure your smartphone/tablet is connected to your Starlink WiFi network.

For persistent issues, consult the Starlink App's support section or visit the official Starlink support website.

8. Specifications

Model Name	Mesh WiFi Router V2
Model Number	UTR-211
Dimensions (L x W x H)	11.3 x 4 x 8.8 inches
Weight	3.75 pounds
Color	White
Connectivity Technology	Wi-Fi
Wireless Standard	IEEE 802.11a/b/g/n/ac (Wi-Fi 5)
Frequency Band Class	Dual-Band
Radio	3 x 3 MIMO
Special Feature	Access Point Mode
Compatible Devices	Gaming Console, Laptop, Personal Computer, Smart Television, Smartphone
Recommended Use	Home

9. Warranty and Support

Warranty information for your Starlink Mesh WiFi Router V2 is typically provided at the point of purchase or within your Starlink account. Please refer to these resources for specific warranty terms and conditions.
For technical support, further assistance, or to access the latest documentation, please visit the official Starlink support website or use the Starlink App's support features. You can also find FAQs and community forums there.
Online Support: www.starlink.com/support

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Example: How do I reset this device or fix this error?

Details

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