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Genérico x252

Hytalux Genérico WiFi Repeater Router 1800M Signal Amplifier User Manual

Model: x252

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1. INTRODUCTION

This manual provides detailed instructions for the installation, configuration, and operation of your Hytalux Genérico WiFi Repeater Router 1800M Signal Amplifier, model x252. This device is designed to extend the range of your existing wireless network, eliminate Wi-Fi dead zones, and provide a stable internet connection throughout your home or office. It can function as a Wi-Fi repeater or a wireless router.

2. PRODUCT OVERVIEW

2.1 Package Contents

- 1x Hytalux Genérico WiFi Repeater Router (Model x252)
- 1x RJ45 Network Cable
- 1x Instruction Manual

2.2 Device Components

Familiarize yourself with the main components of your WiFi Repeater:

- **Power Plug:** For connecting to an electrical outlet.
- **Ethernet Port (RJ45):** Used for wired connections to devices or for connecting to a modem/router in router mode.
- **Reset Button:** Used to restore the device to factory default settings.
- **WPS Button:** For quick and secure connection to a router using Wi-Fi Protected Setup.
- **LED Indicators:** Display power status, Wi-Fi signal strength, and connection status.



Image 2.2.1: Front view of the WiFi Repeater showing LED indicators for power, signal, and connection, along with the WPS button.



Image 2.2.2: Side view of the WiFi Repeater highlighting the Ethernet port and the recessed Reset button.

3. SETUP INSTRUCTIONS

Follow these steps to set up your Hytalux Genérico WiFi Repeater. There are two primary methods: using the WPS button or manual configuration via a web browser.

3.1 Method 1: WPS Setup (Recommended for quick setup)

1. **Power On:** Plug the WiFi Repeater into an electrical outlet near your main router. Wait for the power LED to light up.
2. **Activate WPS on Router:** Press the WPS button on your main wireless router. Refer to your router's manual for the exact location and procedure.
3. **Activate WPS on Repeater:** Within two minutes, press the WPS button on the Hytalux Genérico WiFi Repeater. The WPS LED on the repeater should start blinking.
4. **Connection Confirmation:** Wait for the WPS LED on the repeater to become solid, indicating a successful connection.
5. **Relocate (Optional):** Once connected, you can unplug the repeater and move it to a location between your router and the Wi-Fi dead zone. Ensure the signal strength LED indicates a good connection.



Image 3.1.1: Visual guide for connecting the WiFi Repeater to a router using the WPS button.

3.2 Method 2: Manual Web Browser Setup

1. **Power On:** Plug the WiFi Repeater into an electrical outlet.
2. **Reset Device:** Press and hold the Reset button on the side of the repeater for a few seconds until the LEDs flash, then release. This ensures a clean configuration.
3. **Connect to Repeater's Wi-Fi:** On your computer, smartphone, or tablet, connect to the Wi-Fi network named "REPEATER" or "REPEATER EXT". This is the default network name of the device.
4. **Access Configuration Page:** Open a web browser (e.g., Chrome, Firefox, Edge). In the address bar, type the IP address found on the sticker on the back of your repeater (labeled as "Gateway"). Press Enter.
5. **Login:** When prompted, enter the default username and password, which are both **admin**.
6. **Select Operating Mode:** On the configuration page, navigate to the "Wizard" or "System Mode" section.
7. **Repeater Mode Configuration:**
 - Select "Repeater" mode.
 - The device will scan for available Wi-Fi networks. Select your main Wi-Fi network from the list.
 - Enter the password for your main Wi-Fi network.
 - Click "Connect" or "Apply". The device will reboot.
 - After reboot, the repeater will broadcast an extended network, often with "EXT" appended to your original network name (e.g., "MyWiFi_EXT").
8. **Router Mode Configuration (Optional):**
 - Select "Router" mode.
 - Connect the RJ45 network cable from your modem to the Ethernet port on the repeater.

- Follow the on-screen prompts to set up your new wireless network name (SSID) and password.
- Click "Connect" or "Apply". The device will reboot.

9. **Verify Connection:** Once the device reboots, connect your devices to the new extended or router network.

4. OPERATING MODES

4.1 Repeater Mode

In Repeater mode, the device extends the coverage of your existing Wi-Fi network. It connects wirelessly to your main router and re-broadcasts the signal, allowing devices in previously uncovered areas to connect. The extended network will typically have a name like "YourNetworkName_EXT".

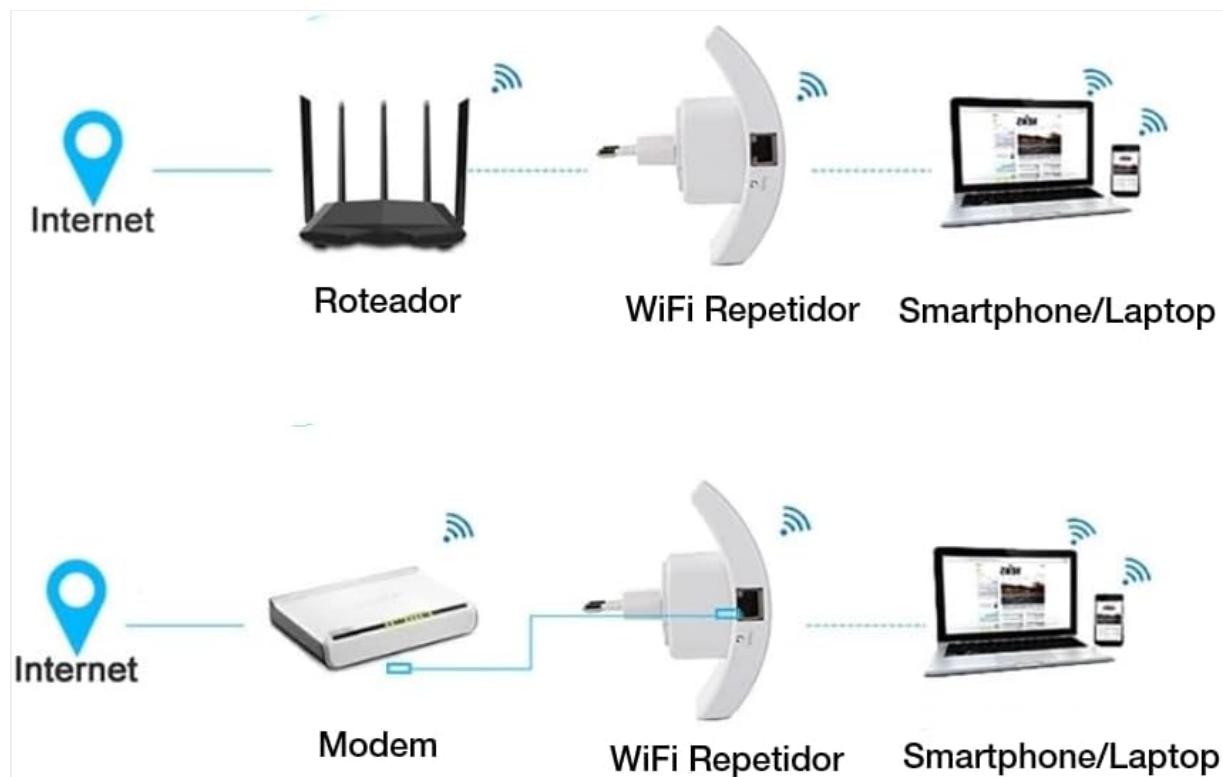


Image 4.1.1: Illustration of the WiFi Repeater's function, showing it receiving a signal from a router/modem and broadcasting it to smartphones and laptops.



Image 4.1.2: Depiction of multiple devices, including mobile phones, tablets, laptops, and gaming consoles, connecting to the extended Wi-Fi network provided by the repeater.

4.2 Router Mode

In Router mode, the device acts as a primary wireless router. You connect your internet modem to the repeater's Ethernet port, and the repeater then creates a new Wi-Fi network for your devices. This mode is suitable if you do not have an existing wireless router.

4.3 Ethernet Adapter Functionality

The Ethernet port on the repeater can also function as a wireless adapter. In Repeater mode, you can connect a wired device (e.g., a desktop computer, smart TV, or gaming console) to the repeater via an RJ45 cable, allowing that device to access the extended Wi-Fi network.

5. MAINTENANCE

- **Placement:** For optimal performance, place the repeater in an open area, away from obstructions like thick walls, metal objects, and large electrical appliances that can cause interference.
- **Cleaning:** Clean the device with a soft, dry cloth. Do not use liquid or aerosol cleaners.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Reset:** If the device becomes unresponsive or you wish to reconfigure it, use the Reset button to restore factory defaults.

6. TROUBLESHOOTING

Problem	Solution
No power / LEDs off	Ensure the repeater is securely plugged into a working electrical outlet. Test the outlet with another device.
Cannot connect to "REPEATER" Wi-Fi	Ensure the repeater is powered on. Try resetting the repeater to factory defaults and attempt connection again.
Cannot access configuration page (IP address)	Verify you are connected to the repeater's default Wi-Fi network ("REPEATER"). Double-check the IP address on the sticker. Try a different web browser. Clear browser cache.
Repeater not extending signal / Weak signal	<ul style="list-style-type: none">◦ Relocate the repeater closer to your main router, but still within the area needing coverage.◦ Ensure there are no major obstructions between the router and repeater.◦ Verify the correct Wi-Fi password for your main network was entered during setup.◦ Check the signal strength LEDs on the repeater; they should indicate a good connection to the main router.
Frequent disconnections	<ul style="list-style-type: none">◦ Ensure the repeater is not too far from the main router.◦ Check for sources of interference (e.g., microwaves, cordless phones).◦ Consider updating the repeater's firmware if available.◦ Reset the device and reconfigure.

7. SPECIFICATIONS

- **Model:** x252
- **Brand:** Genérico
- **Wireless Standard:** 2.4 GHz Radio Frequency
- **Data Transfer Rate:** 2.4 GHz (Note: Product title mentions 1800M, but detailed specifications indicate 2.4 GHz frequency for data transfer.)
- **Frequency:** 2.4 GHz
- **Special Features:** Directional Antenna
- **Compatible Devices:** Personal Computer, Gaming Console, IP Camera, Router, Smartphone
- **Power Source:** Electrical Power
- **Color:** White
- **Approximate Dimensions:** 6cm (Length) x 11cm (Height) x 4.5cm (Width)
- **Approximate Weight:** 100g
- **Operating Range:** 30 to 100 meters (wireless), 100% signal via RJ45 cable for longer distances.

8. WARRANTY AND SUPPORT

This product comes with a distributor's warranty. For specific warranty terms and conditions, please refer to the documentation provided at the time of purchase or contact your retailer.

For technical support or further assistance, please contact the seller or refer to the official product support

channels if available.

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