MERCUSYS MW325R

MERCUSYS MW325R Wireless N Router User Manual

Model: MW325R | Brand: MERCUSYS

1. INTRODUCTION

The MERCUSYS MW325R is a high-performance Wireless N Router designed to provide reliable and fast Wi-Fi connectivity for your home or small office. With 300 Mbps Wi-Fi speed and four high-gain antennas, it ensures broad coverage and stable connections for all your devices. This manual will guide you through the setup, operation, and maintenance of your MW325R router.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- MERCUSYS MW325R Wireless N Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

Figure 2.1: The MERCUSYS MW325R product box, showing the router and its key features.

3. PRODUCT OVERVIEW

The MW325R router features a compact design with four external antennas for enhanced wireless coverage. It includes essential ports for network connectivity.

3.1 Front Panel

Figure 3.1: Front view of the MERCUSYS MW325R router, highlighting its sleek design and four antennas.

The front panel typically features LED indicators that display the status of the router, including power, internet connection, and Wi-Fi activity.

3.2 Rear Panel

Figure 3.2: Rear view of the MERCUSYS MW325R router, showing the power input, WAN port, and four LAN ports.

The rear panel includes the following ports and buttons:

- **Power Port:** Connects to the power adapter.
- **WAN Port (1):** Connects to your modem or the internet service provider's (ISP) network.
- **LAN Ports (4):** Connects to wired devices such as computers, smart TVs, or gaming consoles.
- **Reset Button:** Used to restore the router to factory default settings.

Figure 3.3: Top view of the MERCUSYS MW325R router, showcasing its clean design.

4. SETUP

Follow these steps to set up your MERCUSYS MW325R router:

1. **Power Off Your Modem:** Disconnect the power from your modem.
2. **Connect the Router:**
   - Connect the Ethernet cable from your modem's LAN port to the **WAN port** (blue) on your MW325R router.
   - Connect the power adapter to the router's power port and plug it into a wall outlet.
3. **Power On Devices:** Power on your modem first, wait for it to fully boot up (usually indicated by stable internet light), then power on your router.
4. **Connect to the Router:**
   - **Wired Connection:** Connect your computer to one of the router's LAN ports (yellow) using an Ethernet cable.
   - **Wireless Connection:** Find the Wi-Fi network name (SSID) printed on the label at the bottom of your router and connect to it using the provided Wi-Fi password.
5. **Access the Web Management Page:** Open a web browser (e.g., Chrome, Firefox) and type mwlogin.net or 192.168.1.1 into the address bar. Follow the on-screen instructions to create a login password and configure your internet connection.

Figure 4.1: This table illustrates that the MERCUSYS MW325R router supports Ethernet Cable (RJ-45) for ISP connectivity, while Phone Cable (RJ-11) is not supported.

5. OPERATING

Once your router is set up, you can begin using its features. The MW325R is ideal for various home usage scenarios.

5.1 Basic Wi-Fi Usage

- **Connecting Devices:** Use the Wi-Fi name (SSID) and password found on the router's label to connect your smartphones, tablets, laptops, and other wireless devices.
- **Guest Network:** For enhanced security, you can enable a guest network from the router's web management page, providing separate Wi-Fi access for visitors without sharing your main network password.

5.2 Router Management

Access the web management page (mwlogin.net or 192.168.1.1) to configure advanced settings, such as:

- Changing Wi-Fi name and password.
- Setting up parental controls.

- Configuring Quality of Service (QoS) for bandwidth prioritization.
- Updating firmware.

Digit recommends this router specification for below

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Area	Usage
1 BHK or upto 500 sqft. (5-10 devices)	**Regular Usage** • Audio and Video streaming • Mobile gaming • Work from Home • Casual browsing • Smart devices

Disclaimer: Router performance depends on Internet speed, distance from router and number and thickness of walls between the router and device.

Figure 5.1: This table provides recommendations for the MERCUSYS MW325R router's usage. It suggests the router is suitable for areas up to 500 sqft (e.g., 1 BHK) supporting 5-10 devices, and is ideal for regular usage including audio/video streaming, mobile gaming, work from home, casual browsing, and smart devices. A disclaimer notes that performance depends on internet speed, distance, and physical barriers.

6. MAINTENANCE

To ensure optimal performance and longevity of your MW325R router, consider the following maintenance tips:

- **Regular Reboots:** Periodically reboot your router (unplug and replug the power adapter) to clear its memory and refresh network connections. This can resolve minor performance issues.
- **Optimal Placement:** Place the router in a central location, away from obstructions like thick walls, metal objects, and other electronic devices that may cause interference. Elevating the router can also improve signal distribution.
- **Firmware Updates:** Check the MERCUSYS official website for the latest firmware updates. Keeping your firmware up-to-date ensures you have the latest features, security patches, and performance improvements.
- **Keep Clean:** Gently clean the router's exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.

7. TROUBLESHOOTING

If you encounter issues with your MERCUSYS MW325R router, try the following troubleshooting steps:

- **No Internet Access:**
  - Check if the WAN LED on the router is lit. If not, ensure the Ethernet cable from the modem is securely connected to the router's WAN port.
  - Reboot both your modem and router.
  - Verify your internet connection settings in the router's web management page.
- **Weak Wi-Fi Signal or Drops:**
  - Relocate the router to a more central position, away from obstacles and interference sources.

- Adjust the antennas for optimal signal direction.
- Reduce the number of connected devices or consider upgrading your internet plan if multiple devices are streaming or gaming simultaneously.

- **Cannot Access Web Management Page:**

  - Ensure your device is connected to the router's Wi-Fi or via an Ethernet cable.
  - Clear your browser's cache and cookies, or try a different browser.
  - Verify that you are typing the correct address:mwlogin.net or 192.168.1.1.

- **Forgot Login Password:**

  - Press and hold the Reset button on the router's rear panel for about 5-10 seconds until the LEDs flash. This will restore the router to factory default settings, and you can set up a new password.

8. SPECIFICATIONS

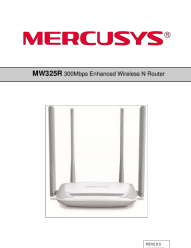Key technical specifications for the MERCUSYS MW325R router:

Feature	Description
Brand	MERCUSYS
Model Name	ROUTER INAL MERCUSYS MW325R 3PTOS WIFI-N/300MBPS 4ANTENEN 5DBI
Model Number	MW325R
Wireless Standard	802.11n
Wireless Speed	300 Mbps
Frequency Band Class	Single-Band (2.4 GHz)
Antennas	4 External Antennas
Ethernet Ports	1 WAN + 4 LAN
Dimensions	13.9 x 20.8 x 3.5 cm
Item Weight	400 g
Color	White
Operating System Compatibility	Android 10.0, Windows

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MERCUSYS website or contact their customer service. Keep your purchase receipt for warranty claims.

You can visit the MERCUSYS store for more information:MERCUSYS Store

Related Documents - MW325R

MERCUSYS® MW325R 300Mbps Enhanced Wireless N Router	**MERCUSYS MW325R 300Mbps Enhanced Wireless N Router User Guide** User guide for the MERCUSYS MW325R 300Mbps Enhanced Wireless N Router, covering product overview, appearance, setup, configuration, and troubleshooting.
MERCUSYS Guía del usuario Extensor de alcance Wi-Fi de 300 Mbps MW300RE	**Guía del Usuario MERCUSYS MW300RE Extensor de Alcance Wi-Fi** Manual de usuario para el extensor de alcance Wi-Fi MERCUSYS MW300RE de 300 Mbps. Aprenda a configurar, personalizar y administrar su red Wi-Fi.
MERCUSYS Felhasználói kézikönyv 300 Mbps Wi-Fi hatótávolság-növelő MW300RE	**MERCUSYS MW300RE 300 Mbps Wi-Fi Hatótávolság-növelő Felhasználói Kézikönyv** Részletes útmutató a MERCUSYS MW300RE 300 Mbps Wi-Fi hatótávolság-növelő telepítéséhez, konfigurálásához és kezeléséhez. Fedezze fel a hálózati beállításokat, firmware frissítéseket és hibaelhárítást.
MERCUSYS Easy Wi-Fi Extension Flexible Placement MW300RE 300 Mbps Wi-Fi Range Extender	**MERCUSYS MW300RE 300 Mbps Wi-Fi Range Extender User Manual** This manual provides instructions for setting up and using the MERCUSYS MW300RE 300 Mbps Wi-Fi Range Extender, including installation, configuration, and advanced settings.
Wi-Fi mobile 4G LTE Model: MT110	**Mercusys MT110: Portable 4G LTE Wi-Fi Hotspot - Technical Specifications** Detailed technical specifications for the Mercusys MT110 portable 4G LTE Wi-Fi hotspot, covering its features, hardware, network capabilities, and environmental requirements for reliable connectivity anywhere.
MERCUSYS	**MERCUSYS Wireless Router Quick Installation Guide** A concise and user-friendly guide to setting up your MERCUSYS wireless router. Learn how to connect your hardware, configure the router, and utilize the MERCUSYS app for management. Includes troubleshooting tips and FAQs.