

Meshforce M3

Meshforce M3 Mesh WiFi System (2023 Model) Instruction Manual

Comprehensive guide for setup, operation, and maintenance.

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1. INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of your **Meshforce M3 Mesh WiFi System (2023 Model)**. Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your wireless internet experience. The Meshforce M3 system is designed to provide seamless, high-speed Wi-Fi coverage throughout your entire home.

2. PRODUCT OVERVIEW

The Meshforce M3 Mesh WiFi System is a true router replacement designed to eliminate Wi-Fi dead zones and provide robust wireless internet across your entire home. This dual-band system (2.4GHz & 5GHz) is equipped with gigabit Ethernet ports and supports up to 60 devices simultaneously, ensuring a seamless, flawless, and fast internet experience for all users. It offers extensive coverage, capable of reaching up to 4,500 sq. ft., making it suitable for large homes with multiple rooms.



Figure 1: Meshforce M3 Mesh WiFi System (Main Unit and two Dots).

3. WHAT'S IN THE BOX

Upon unboxing your Meshforce M3 Mesh WiFi System, you should find the following components:

- 1 x M3 Main WiFi Point
- 2 x M3 Dots (Satellite Units)
- 1 x Power Adapter
- 1 x CAT5e Ethernet Cable
- 1 x User Guide (this manual)

4. SETUP INSTRUCTIONS

Setting up your Meshforce M3 Mesh WiFi System is a quick and straightforward process, typically taking around 10 minutes using the My Mesh mobile application.

1. **Download the My Mesh App:** Search for "My Mesh" in your smartphone's app store (available for iOS and Android) and download it.
2. **Connect the Main M3 Unit:**
 - Connect one of the M3 units (the main WiFi point) to your existing modem using the provided CAT5e Ethernet cable. Plug one end into the WAN/LAN port of the M3 unit and the other into an available LAN port on your modem.
 - Connect the power adapter to the main M3 unit and plug it into a power outlet.
 - Wait for the unit to power on and the LED indicator to show a stable status (refer to LED indicator section for details).
3. **Follow In-App Setup:**
 - Open the My Mesh app on your smartphone.
 - The app will guide you through the initial setup, including creating your new Wi-Fi network name (SSID) and

password.

4. Position M3 Dots:

- Place the remaining M3 Dots (satellite units) strategically around your home to extend coverage. For optimal performance, place them within two rooms (approximately 10 meters/32 feet) of each other or the main unit.
- Plug each M3 Dot into a power outlet. They will automatically connect to your existing Meshforce network.
- The LED indicator on each Dot will confirm successful connection (solid green or blue, depending on signal strength).



Easy Setup and Management



1

Download the
Mymesh App



2

Connect M3 to your
modem & turn on both



3

Follow the App
setup in minutes

Figure 2: Visual guide for the easy setup process using the My Mesh App.

5. OPERATING INSTRUCTIONS

The My Mesh mobile app serves as your central control panel for the Meshforce M3 system, offering a user-friendly interface for managing your network.

5.1. My Mesh App Features

- **Network Status:** View connected devices, network topology, and real-time upload/download speeds.
- **Guest Wi-Fi:** Create a separate, isolated Wi-Fi zone for guests with customizable access periods.
- **Parental Control:** Manage internet access for specific devices or users, setting time limits and blocking inappropriate content.
- **Remote Management:** Monitor and control your Wi-Fi status even when you are away from home.
- **Smart Assistant:** Connects your device to a 2.4 GHz network for 30 minutes to allow discovery and setup of legacy devices that only connect to 2.4GHz Wi-Fi signals.
- **Port Forwarding:** Configure port forwarding for gaming, web servers, or other applications.
- **QoS (Quality of Service):** Prioritize different types of traffic (e.g., gaming, streaming, browsing) to optimize performance.
- **Firmware Upgrade:** Check for and apply firmware updates directly through the app to ensure optimal performance and security.

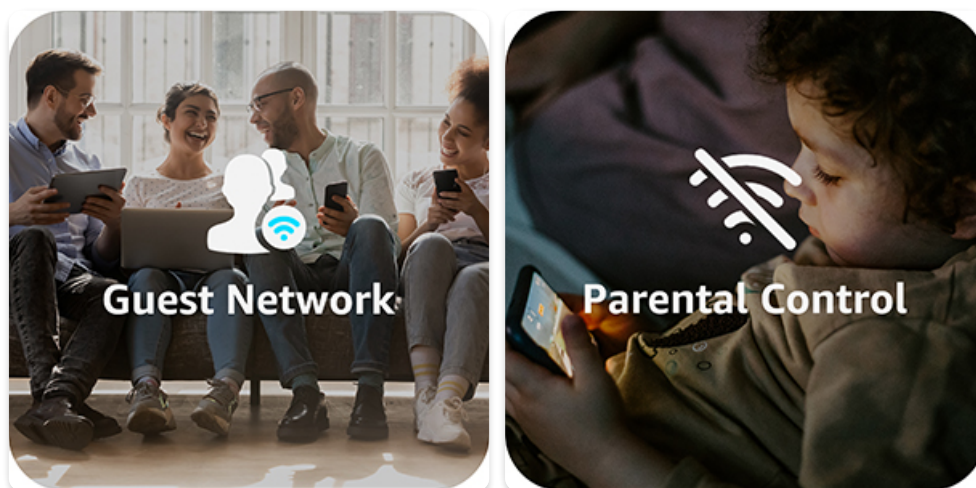


Figure 3: App features for Parental Control and Guest Network management.

6. KEY FEATURES

- **Whole Home Coverage:** Provides up to 4,500 sq. ft. of seamless Wi-Fi coverage, eliminating dead zones from basement to backyard.
- **Gigabit Dual-Band Wi-Fi:** Operates on both 2.4GHz and 5GHz bands, offering high-speed internet for various devices. The main node features full gigabit Ethernet for powerful wired connections.
- **High Device Capacity:** Supports up to 60 devices simultaneously, ensuring stable connections even in busy households.
- **Seamless Roaming:** Enjoy uninterrupted connectivity as you move throughout your home, with devices automatically switching to the strongest signal without drops.
- **Enhanced Security:** Encrypts Wi-Fi passwords with WPA2-PSK to protect your network from unauthorized access.
- **Expandable System:** Compatible with MeshForce M3 Dot units, allowing for easy expansion of your network coverage as needed.

Powerful & Stable Full Coverage



Figure 4: Illustration of Meshforce M3 providing powerful and stable full coverage across a home.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Meshforce M3 system.

- **Firmware Updates:** Periodically check for and install firmware updates via the My Mesh app. Updates often include performance improvements, new features, and security patches.
- **Scheduled Reboots:** Configure a maintenance schedule in the My Mesh app to automatically reboot your mesh points on certain days and times. This can help refresh the network and resolve minor performance issues.
- **Physical Cleaning:** Keep the units free from dust and obstructions to ensure proper ventilation. Use a soft, dry cloth for cleaning.
- **Optimal Placement:** Ensure units are placed in open areas, away from large metal objects, thick walls, and other electronic devices that may cause interference.

8. TROUBLESHOOTING

If you encounter issues with your Meshforce M3 Mesh WiFi System, refer to the following common troubleshooting steps:

• **No Internet Connection:**

- Check if your modem is working correctly.
- Ensure the Ethernet cable between the main M3 unit and the modem is securely connected.
- Reboot your modem and the main M3 unit.

• **Weak Signal/Dead Zones:**

- Relocate M3 Dots closer to the main unit or to areas with weaker signals.
- Ensure there are no major obstructions (e.g., thick concrete walls, large metal appliances) between the units.
- Consider adding an additional M3 Dot if coverage is still insufficient in very large or complex layouts.

• **Device Disconnections:**

- Ensure your device's Wi-Fi adapter is up to date.
- If using older devices, temporarily disable "Fast Roaming" in the My Mesh app, as some older devices may not support quick handovers.
- Check for interference from other electronic devices (e.g., microwaves, cordless phones).

• **App Connectivity Issues:**

- Ensure your smartphone is connected to the Meshforce Wi-Fi network.
- Restart the My Mesh app or reinstall it if problems persist.

9. SPECIFICATIONS

Feature	Detail
Brand	Meshforce
Model	M3
Wireless Type	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Frequency Band Class	Dual-Band
Coverage Area	Up to 4,500 sq. ft. (3-pack)
Max Devices Supported	Up to 60
Ethernet Ports	Gigabit Ethernet (on main unit)
Security Protocol	WPA2-PSK
Operating System	Linux
Item Dimensions (LxWxH)	3.58 x 3.58 x 3.66 inches
Item Weight	0.634 ounces
Color	White

10. WARRANTY AND SUPPORT

Specific warranty details for the Meshforce M3 Mesh WiFi System are not explicitly provided in the available product information. For warranty claims, technical support, or further assistance, please refer to the official Meshforce website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question