

## NETGEAR MS60

# NETGEAR Nighthawk MS60 Mesh WiFi 6 Add-on Satellite Instruction Manual

Model: MS60

## 1. PRODUCT OVERVIEW

The NETGEAR Nighthawk MS60 Mesh WiFi 6 Add-on Satellite is designed to expand the coverage of your existing Nighthawk Mesh WiFi 6 System, eliminating dead zones and providing fast, reliable internet throughout your home. This satellite is compatible with select Nighthawk Mesh WiFi 6 Systems, specifically models MK62 and MK63.

# Add 1,500 sq. ft. of WiFi coverage to your existing Nighthawk Mesh WiFi System

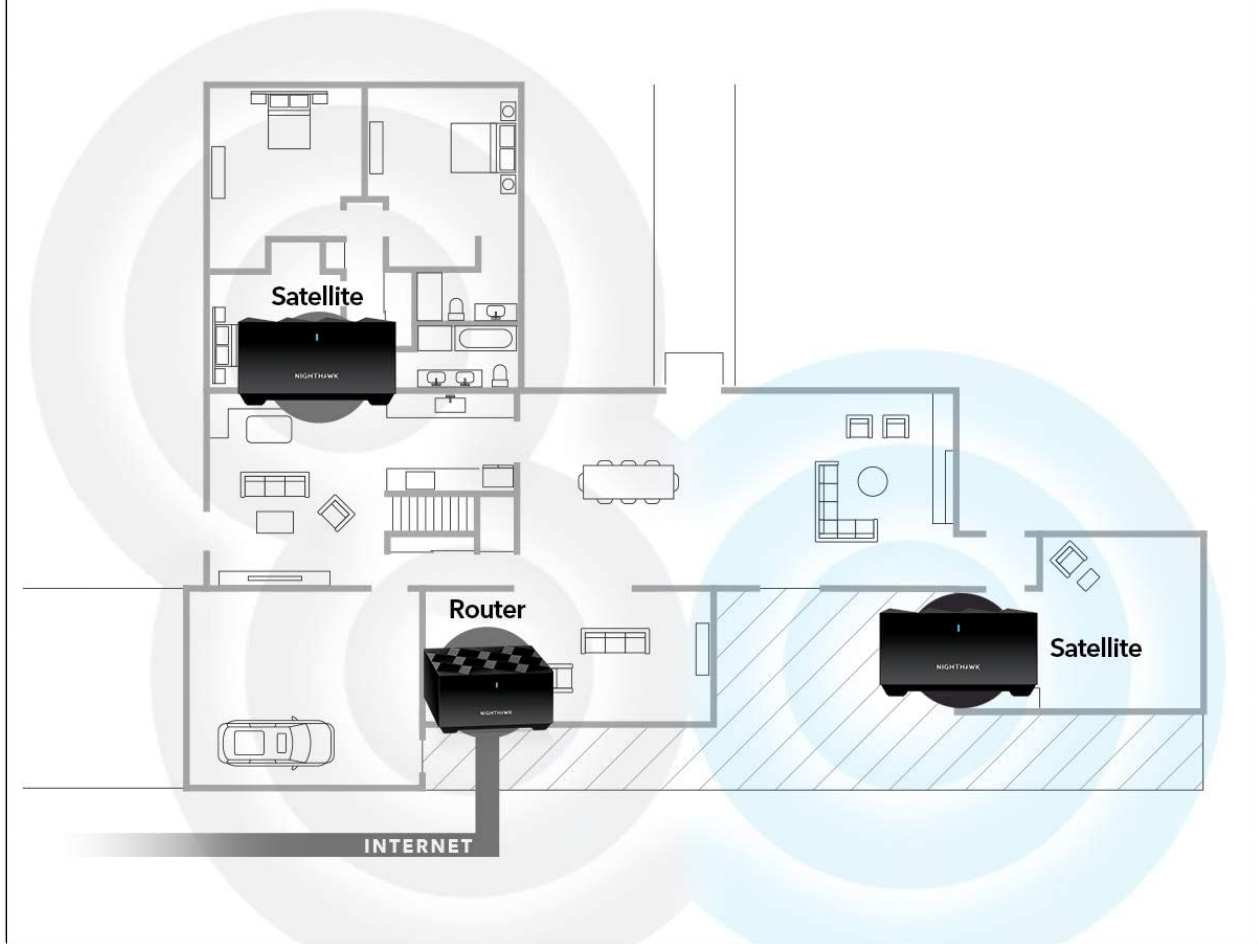


Image: A diagram illustrating how the Nighthawk MS60 satellite extends WiFi coverage across different areas of a home, including a router and two satellites.

## Key Features:

- **Extended Coverage:** Adds up to 1,500 sq. ft. of WiFi coverage to your existing Nighthawk Mesh WiFi 6 System.
- **Fast Wireless Speed:** AX1800 WiFi delivers up to 1.8 Gbps for smooth streaming, gaming, and browsing.
- **Single WiFi Network Name:** Enjoy seamless roaming throughout your home without losing connectivity.
- **Reliable Mesh Network:** Expands your Nighthawk Mesh WiFi 6 network for consistent WiFi connectivity.
- **Powerful Processor:** Equipped with a quad-core 1.5GHz processor for efficient performance.
- **MU-MIMO Capable:** Supports simultaneous data streaming to multiple devices.

## 2. WHAT'S IN THE BOX

Verify that all items are present in your package:

- One (1) Mesh WiFi 6 Add-on Satellite (MS60)
- One (1) 12V/1.5A power adapter

### 3. SETUP INSTRUCTIONS

Follow these steps to add your MS60 satellite to your existing Nighthawk Mesh WiFi 6 System:

1. **Power On:** Plug the MS60 satellite into a power outlet. Wait for the LED on the satellite to light up.
2. **Download the Nighthawk App:** If you haven't already, download the NETGEAR Nighthawk app on your mobile device. The app is available for both iOS and Android.
3. **Launch the App:** Open the Nighthawk app and log in with your NETGEAR account.
4. **Add New Satellite:** Follow the on-screen instructions in the app to add a new satellite to your existing mesh system. The app will guide you through the synchronization process.
5. **Placement:** Place the satellite in an optimal location to extend coverage, typically halfway between your existing Nighthawk router/satellite and the area with weak WiFi signal. Ensure the satellite is within range of your existing mesh network for best performance.

# Easy to add with the Nighthawk app



Image: The Nighthawk app interface, which facilitates easy setup and management of your mesh WiFi system.

### Compatibility:

The MS60 Add-on Satellite is designed to work exclusively with specific Nighthawk Mesh WiFi 6 Systems. Ensure your existing system is either the **Nighthawk Mesh WiFi System MK62** or **MK63** for proper functionality.

# Satellite is compatible with this Nighthawk Mesh WiFi System



## MK62

Image: Two Nighthawk Mesh WiFi 6 units, labeled MK62, highlighting the compatible systems for the MS60 satellite.

## 4. OPERATING THE MS60 SATELLITE

Once set up, the MS60 satellite operates as an integral part of your Nighthawk Mesh WiFi 6 System. It automatically extends your WiFi signal, creating a single, unified network name (SSID) across your entire home.

### LED Indicator:

The LED on the front of the satellite indicates its status:

- **Solid Blue:** Good connection to the Nighthawk router/system.
- **Solid Amber:** Fair connection. Consider relocating the satellite closer to the router/system.

- **Solid Magenta:** No connection to the Nighthawk router/system. Relocate the satellite or check the main system status.
- **Off:** Satellite is powered off.

### Ethernet Port:

The MS60 satellite includes one Gigabit Ethernet port. This port can be used to connect wired devices such as gaming consoles, smart TVs, or desktop computers directly to your mesh network for a stable and high-speed connection.

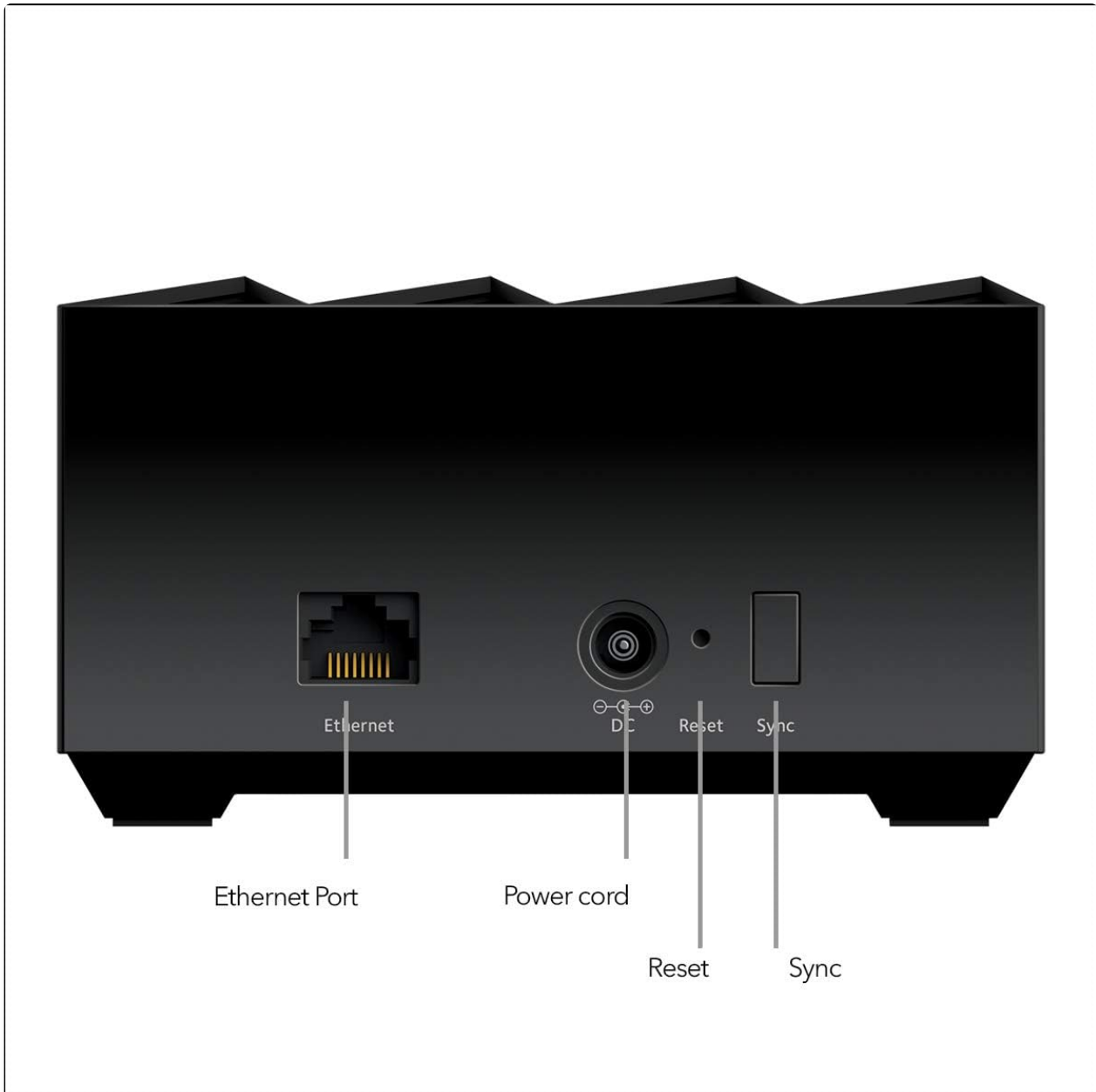


Image: The rear panel of the MS60 satellite, detailing the Ethernet port for wired connections, the power input, and the reset and sync buttons.

## 5. MAINTENANCE

To ensure optimal performance and longevity of your NETGEAR Nighthawk MS60 satellite, regular maintenance is recommended:

- **Firmware Updates:** Regularly check for and install firmware updates via the Nighthawk app. Updates often include performance improvements, security enhancements, and bug fixes.

- **Cleaning:** Keep the satellite clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the satellite is placed in a well-ventilated area, away from obstructions that could block airflow. Proper ventilation prevents overheating and maintains performance.
- **Power Cycle:** If you experience minor connectivity issues, try power cycling the satellite by unplugging it from the power outlet for 10 seconds and then plugging it back in.

## 6. TROUBLESHOOTING

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If you encounter issues with your MS60 satellite, refer to the following troubleshooting tips:

- **No Power/LED Off:**
  - Ensure the power adapter is securely connected to the satellite and a working power outlet.
  - Try a different power outlet.
- **Solid Magenta LED (No Connection):**
  - Relocate the satellite closer to your Nighthawk router or another existing satellite.
  - Ensure your main Nighthawk Mesh WiFi 6 System (MK62/MK63) is powered on and functioning correctly.
  - Try resynchronizing the satellite using the Nighthawk app or by pressing the Sync button on both the satellite and the main router.
- **Solid Amber LED (Fair Connection):**
  - Move the satellite closer to your Nighthawk router or another existing satellite to improve signal strength.
  - Avoid placing the satellite near large metal objects, concrete walls, or other electronic devices that might cause interference.
- **Slow Speeds/Intermittent Connectivity:**
  - Check the LED status for optimal placement (Solid Blue).
  - Ensure your main Nighthawk Mesh WiFi 6 System is receiving adequate internet speed from your ISP.
  - Perform a firmware update on both the satellite and the main router.
  - Reduce the number of devices connected to the network if possible, or consider adding more satellites for larger homes.
- **Factory Reset:** If all else fails, you can perform a factory reset on the satellite. Use a paperclip to press and hold the Reset button on the back of the satellite for about 7-10 seconds until the LED flashes. Note that this will erase all custom settings, and you will need to set up the satellite again.

## 7. SPECIFICATIONS

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Feature	Specification
Model Number	MS60-100NAS
Product Dimensions	4.8 x 4.8 x 2.5 inches
Item Weight	10.1 ounces

Wireless Communication Standard	802.11ax (WiFi 6)
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi
Ethernet Ports	1 x Gigabit Ethernet
Special Feature	WPS (WiFi Protected Setup)
Color	Black
Power Adapter	12V/1.5A

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your original Nighthawk Mesh WiFi 6 System or visit the official NETGEAR support website. NETGEAR Armor™ powered by Bitdefender® offers powerful online security for your home network and devices, with a 30-day subscription typically included with new systems.

You can also find additional support and community forums on the NETGEAR website for advanced setup guides and troubleshooting tips.

For the latest information and support, please visit: [www.netgear.com/support](http://www.netgear.com/support)

## 9. OFFICIAL PRODUCT VIDEO

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Video: An official NETGEAR video providing an overview of the Nighthawk Mesh WiFi 6 System, demonstrating its features and benefits for whole-home coverage.