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› NETGEAR Nighthawk Tri-Band Whole Home Mesh WiFi 6 Add-on Satellite (MS80) Instruction Manual

NETGEAR MS80-100NAS

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Model: MS80-100NAS

1. INTRODUCTION

The NETGEAR Nighthawk MS80 Tri-Band Whole Home Mesh WiFi 6 Add-on Satellite is designed to expand the coverage of your existing Nighthawk Tri-band Mesh WiFi 6 System. This satellite utilizes next-generation 802.11ax (WiFi 6) and tri-band technology to provide super-fast and reliable WiFi for 4K UHD streaming, lag-free gaming, and general internet use. It helps eliminate WiFi dead zones by extending your network coverage.

Each MS80 satellite adds up to 2,250 sq. ft. of coverage and supports speeds up to 3.6Gbps. The system allows for seamless movement throughout your home with a single WiFi network name, ensuring continuous connectivity.

2. SETUP

The Nighthawk MS80 Add-on Satellite is compatible with Nighthawk Tri-band Mesh WiFi 6 Systems (MK82, MK83). It is not compatible with Orbi Mesh WiFi Systems or Nighthawk Dual-Band Mesh WiFi 6 Systems (MK62, MK63).

2.1. Initial Placement

Place the add-on satellite in an area where your existing Nighthawk Mesh WiFi System's signal is still strong, but closer to the area where you need extended coverage. Avoid placing it near large metal objects, concrete walls, or other devices that may cause interference.

Add 2,250 sq. ft. of Coverage to Your Nighthawk Mesh WiFi System

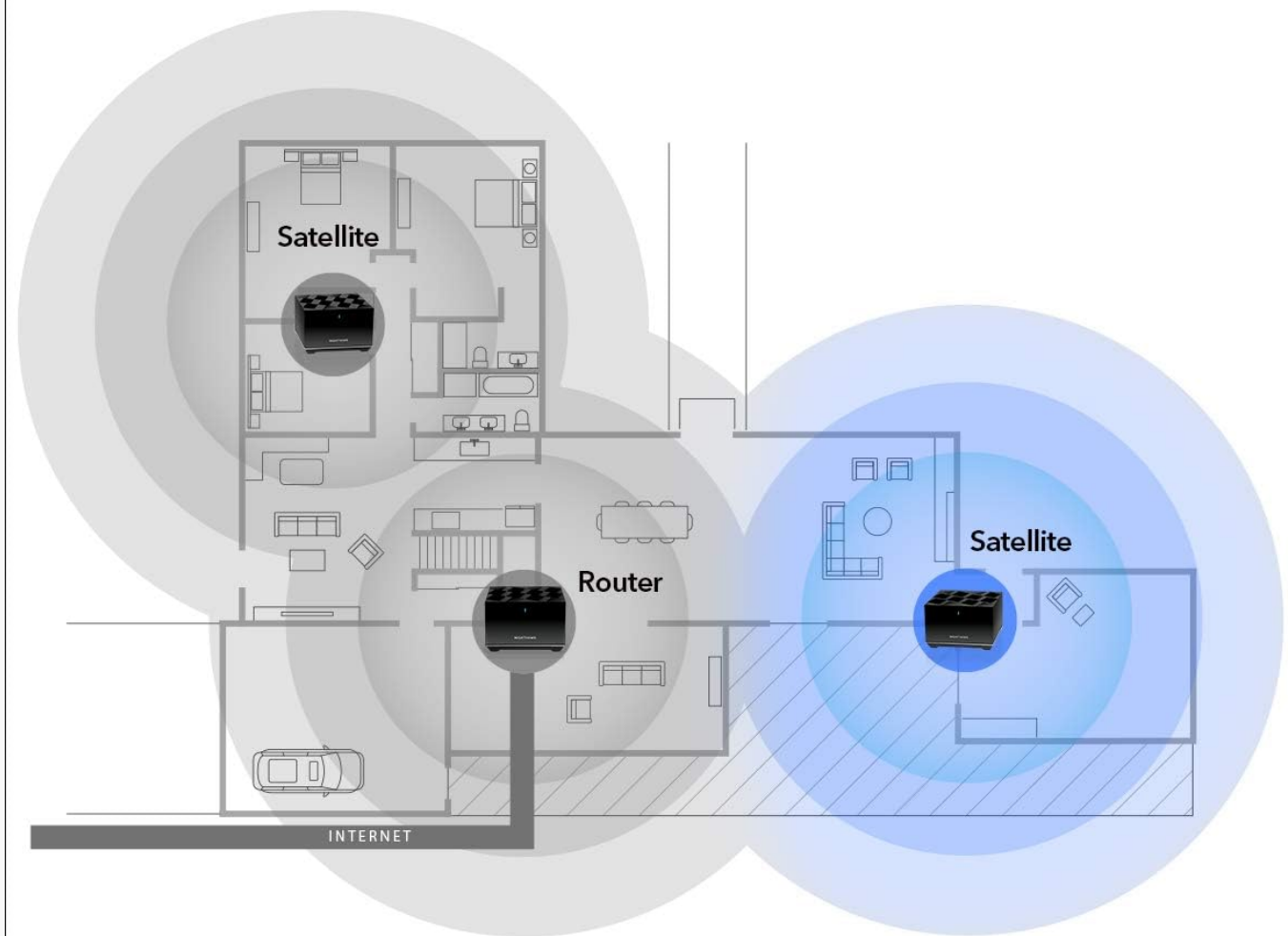


Figure 1: Example of Nighthawk Mesh WiFi System coverage extension.

2.2. Connecting the Satellite

1. Connect the power adapter to the satellite and plug it into a power outlet.
2. Wait for the LED indicator on the front of the satellite to turn solid blue, indicating it is powered on and ready for connection.
3. For initial setup and management, download the Nighthawk App on your mobile device.

Easy to Add with the Nighthawk App



Figure 2: Setting up the Nighthawk satellite using the Nighthawk App.

2.3. Syncing with Your Existing System

Follow the instructions within the Nighthawk App to add the new satellite to your existing mesh network. The app will guide you through the syncing process, which typically involves pressing a 'Sync' button on both the router and the satellite.

Satellite is Compatible with These Nighthawk Systems



Figure 3: Nighthawk MS80 satellite is compatible with MK82 and MK83 systems.

2.4. Wired Connections

The satellite includes two Ethernet ports for connecting wired devices such as gaming consoles, smart TVs, or desktop computers, providing stable and high-speed connections.

Add Connections Where Needed With 2 Ethernet Ports

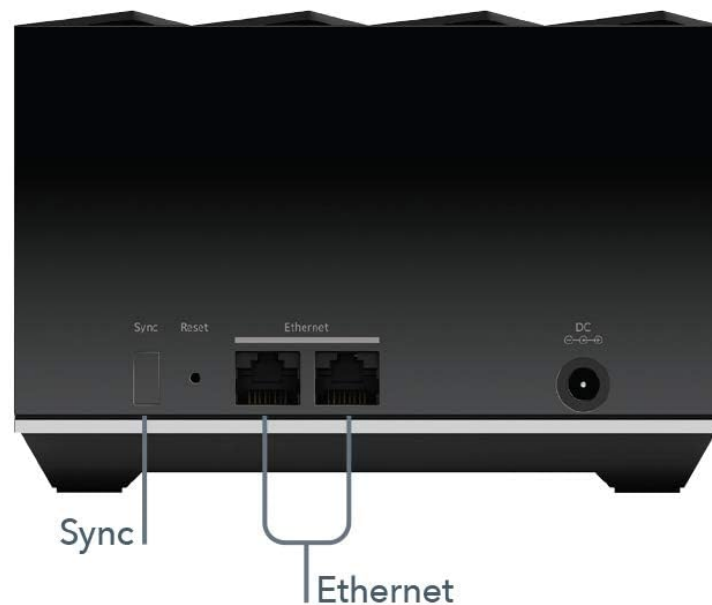


Figure 4: Ethernet ports on the Nighthawk MS80 satellite.

2.5. Product Overview Video

Video 1: A brief overview of the Nighthawk MS80 satellite, demonstrating its compact size and connectivity options.

3. OPERATING THE SATELLITE

Once successfully set up, the Nighthawk MS80 satellite seamlessly integrates into your existing mesh WiFi network. It operates under a single WiFi name, allowing your devices to automatically connect to the strongest signal as you move around your home, ensuring uninterrupted connectivity.

The satellite extends AX3600 Tri-Band WiFi, providing up to 3.6Gbps speeds for demanding applications like 4K UHD streaming and online gaming. Its primary function is to expand your WiFi coverage, effectively eliminating dead zones and providing a strong, reliable signal throughout your property.

4. MAINTENANCE

To ensure optimal performance and longevity of your Nighthawk MS80 satellite, consider the following maintenance tips:

- **Cleaning:** Periodically clean the exterior of the satellite with a soft, dry cloth. Dust accumulation can affect performance and aesthetics.
- **Ventilation:** Ensure the satellite is placed in a location with adequate airflow to prevent overheating. Do not cover ventilation openings.
- **Firmware Updates:** Regularly check for and install firmware updates through the Nighthawk App or NETGEAR's official website. Updates often include performance improvements and security enhancements.
- **Restarting:** If you experience connectivity issues, a simple restart of the satellite (and potentially your main router) can often resolve minor problems.

5. TROUBLESHOOTING

If you encounter issues with your Nighthawk MS80 satellite, try the following steps:

- **No Internet Connection:**
 - Check the LED indicator on the satellite. If it's not solid blue, refer to the setup section.
 - Ensure your main Nighthawk router has an active internet connection.
 - Restart both the satellite and the main router.
- **Weak Signal or Dead Zones Persist:**
 - Relocate the satellite closer to your main router or to a more central location within the desired coverage area.
 - Ensure there are no major obstructions (e.g., thick walls, large appliances) between the satellite and your devices or the main router.
- **Devices Disconnecting:**
 - Verify that the satellite's firmware is up to date.
 - Check for potential interference from other electronic devices.
 - If using wired connections, ensure Ethernet cables are securely plugged in.
- **Nighthawk App Issues:**
 - Ensure your mobile device is connected to the Nighthawk WiFi network.
 - Update the Nighthawk App to the latest version.
 - Try reinstalling the app if problems persist.

For further assistance, refer to the Warranty & Support section.

6. SPECIFICATIONS

Feature	Detail
Model Name	MS80-100NAS
Wireless Type	802.11ax (WiFi 6)
Frequency Band Class	Tri-Band
WiFi Speed	Up to 3.6Gbps (AX3600)
Coverage	Adds 2,250 sq. ft. per satellite

Feature	Detail
Ethernet Ports	2 (for wired devices)
Special Feature	WPS
Operating System	NETGEAR OS
Item Weight	2.7 pounds
Color	Black
Voltage	240 Volts
Included Components	One (1) Tri-band Mesh WiFi 6 Add-on Satellite (MS80), One (1) 12V/2.5A power adapter, Quick start guide
Usage Region	Made for use in the US only

7. WARRANTY & SUPPORT

This NETGEAR Nighthawk MS80 Add-on Satellite is designed for use in the US only. For specific warranty details, please refer to the documentation included with your product or visit the official NETGEAR website.

For technical support, product registration, and additional resources, please visit the [NETGEAR Store](#) or the official NETGEAR support website.

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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.

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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