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NETGEAR MK63

NETGEAR Nighthawk MK63 Mesh WiFi 6 System User Manual

Model: MK63-100JPS

1. Product Overview

The NETGEAR Nighthawk MK63 is a Mesh WiFi 6 System designed to provide stable and widespread wireless internet coverage throughout your home or office. This system supports AX1800 class WiFi 6 (1201+574 Mbps) and includes one router and two satellites, covering an area of up to 300 square meters.

Key features include:

- **Seamless Coverage:** Creates a single WiFi network for extensive and uninterrupted connectivity.
- **EasyMesh Compatibility:** Adheres to Wi-Fi Alliance's EasyMesh standard, allowing integration with other EasyMesh-compatible devices.
- **Ethernet Backhaul:** Supports wired connections between the router and satellites, and between satellites themselves, to enhance stability and speed by dedicating wireless channels to client devices.
- **Compact Design:** Features a sleek and compact design that blends into any interior, allowing flexible placement.
- **App-Based Management:** Initial setup and various settings can be easily managed through the free Nighthawk mobile application.



Image 1.1: The main unit of the NETGEAR Nighthawk MK63 Mesh WiFi 6 System.

2. Package Contents

Ensure all items are present in the package:

- Nighthawk Mesh WiFi 6 Router (MR60) - 1 unit
- Nighthawk Mesh WiFi 6 Satellite (MS60) - 2 units
- Ethernet Cable - 1 unit
- Power Adapters - 3 units
- Installation Guide - 1 unit

3. Setup Instructions

Follow these steps to set up your NETGEAR Nighthawk MK63 Mesh WiFi 6 System:

1. **Download the Nighthawk App:** Search for "NETGEAR Nighthawk" in your smartphone's app store (Google Play Store for Android or Apple App Store for iOS) and download the application.
2. **Position the Router:** Place the Nighthawk router (MR60) in a central location near your internet modem.
3. **Connect the Router:**
    - Disconnect your modem from power.
    - Connect one end of the provided Ethernet cable to the internet port (usually yellow) on your Nighthawk router.
    - Connect the other end of the Ethernet cable to your modem's Ethernet port.
    - Connect the router to a power outlet using one of the power adapters.
    - Reconnect your modem to power. Wait for the modem to fully boot up and establish an internet connection.
4. **Power On Satellites:** Place the two Nighthawk satellites (MS60) in desired locations within the coverage area, ensuring they are within range of the router or each other. Connect each satellite to a power outlet using the remaining power adapters.
5. **Initial Configuration via App:**
    - Open the Nighthawk app on your smartphone.
    - Follow the on-screen instructions to detect and set up your Nighthawk Mesh WiFi system. This typically involves creating a new WiFi network name (SSID) and password.
    - The app will guide you through connecting the satellites to the main router.
6. **Optional: Ethernet Backhaul:** If you prefer a wired connection between your router and satellites for improved performance, connect an Ethernet cable between the Ethernet ports of the router and a satellite, or between two satellites.



Image 3.1: Easy setup and management using the Nighthawk smartphone app.



Image 3.2: Illustration of Ethernet backhaul connection for enhanced performance.

4. Operating Your Mesh WiFi System

Once set up, your Nighthawk Mesh WiFi 6 System operates automatically to provide seamless internet access. Here are some operational aspects:

- **Connecting Devices:** Connect your devices (smartphones, tablets, PCs, gaming consoles) to the WiFi network using the SSID and password you configured during setup. The system will automatically connect your devices to the strongest signal.
- **Optimal Performance:** The system is designed to handle multiple devices simultaneously without significant slowdowns, thanks to WiFi 6 technology and mesh capabilities.
- **Guest Network:** You can create a separate guest WiFi network through the Nighthawk app to provide internet access to visitors without sharing your main network password.
- **Parental Controls:** Utilize the Nighthawk app for basic parental control features to manage internet access for family members.



Image 4.1: Enjoy gaming and streaming throughout your home with wide WiFi coverage.



Image 4.2: WiFi 6 and Mesh technology ensure no slowdowns even with many devices connected simultaneously.

5. Maintenance

To ensure optimal performance and longevity of your Nighthawk Mesh WiFi System, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install firmware updates through the Nighthawk app. Updates often include performance improvements, security patches, and new features.
- **Cleaning:** Keep the devices clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the devices are placed in well-ventilated areas to prevent overheating. Do not block the ventilation openings.
- **Restarting:** If you experience minor network issues, try restarting your modem and then your Nighthawk router and satellites.

6. Troubleshooting

If you encounter issues with your Nighthawk Mesh WiFi System, try the following troubleshooting steps:

- **No Internet Connection:**
  - Check if your modem is working correctly.
  - Ensure all Ethernet cables are securely connected.
  - Restart your modem, then your Nighthawk router, and finally the satellites.
- **Weak WiFi Signal or Slow Speed:**
  - Relocate satellites closer to the router or to areas with better signal strength.
  - Ensure there are no major obstructions (thick walls, large metal objects) between the router and satellites, or between satellites.
  - Consider using Ethernet backhaul if possible.
  - Check for firmware updates.
- **Satellite Disconnected (Orange Light):**
  - Move the satellite closer to the router or another connected satellite.
  - Ensure the satellite is powered on and the power adapter is securely connected.
  - Restart the disconnected satellite.
- **Nighthawk App Issues:**
  - Ensure your smartphone is connected to the Nighthawk WiFi network.
  - Try closing and reopening the app.
  - Reinstall the app if problems persist.

7. Specifications

Feature	Detail
Brand	NETGEAR
Model Name	MK63
Model Number	MK63-100JPS
Wireless Communication Standard	802.11ac, 802.11ax (WiFi 6)
Frequency Band Class	Dual-Band (2.4GHz, 5GHz)
Data Transfer Rate	AX1800 (1201 + 574 Mbps)
Coverage Area	Up to 300 square meters (with 3 units)
Compatible Devices	Gaming consoles, Smartphones, Tablets, PCs
Connectivity Interface	Wi-Fi, Ethernet
Security Protocol	WPA3
Management Method	App

UPC	606449144734
GTIN	606449144734



Image 7.1: The sleek and compact design of the Nighthawk Mesh WiFi unit.

8. Warranty and Support

8.1 Product Warranty

The NETGEAR Nighthawk MK63 Mesh WiFi 6 System comes with a**3-year hardware warranty** from the date of purchase. To be eligible for this warranty, user registration must be completed within 30 days of purchase. Please retain your proof of purchase (e.g., invoice or receipt).

Important Note: Only products sold and shipped by Amazon.co.jp are covered by NETGEAR's warranty. Products from other sellers, including used or transferred items, or parallel imports, are not covered by this warranty.

8.2 Customer Support

NETGEAR offers year-round Japanese language support for product inquiries.

- **Support Hours:**
  - Weekdays: 9:00 AM - 8:00 PM JST
  - Weekends & Holidays: 10:00 AM - 6:00 PM JST
- **Phone Numbers:**
  - Toll-free: 0120-921-080
  - From mobile phones: 03-6670-3465

For further assistance, please visit the official NETGEAR support website.

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