

Manuals.plus /

› NETGEAR /

› NETGEAR Nighthawk MK73S Tri-Band Whole Home Mesh WiFi 6 System Instruction Manual

NETGEAR MK73S

NETGEAR Nighthawk MK73S Tri-Band Whole Home Mesh WiFi 6 System Instruction Manual

Model: MK73S

1. PRODUCT OVERVIEW

The NETGEAR Nighthawk MK73S is a Tri-Band Whole Home Mesh WiFi 6 System designed to provide extensive and reliable wireless coverage. This system includes one router and two satellite extenders, offering up to 3Gbps speed and covering areas up to 4,500 square feet for up to 25 devices. It utilizes 802.11ax (WiFi 6) technology for enhanced performance and includes a 1-year NETGEAR Armor subscription for network security.



Image: The NETGEAR Nighthawk MK73S system, showing the router and two satellite units from various angles.

Nighthawk MK73S

3Gbps Dual-band Mesh WiFi 6 System
With 1-Year NETGEAR Armor Subscription



Image: An overview of the Nighthawk MK73S system highlighting its key features: Tri-band Mesh WiFi 6, up to 3Gbps streaming speed, up to 4,500 sq. ft. WiFi coverage, up to 25 concurrent devices, and 1-year NETGEAR Armor included.

2. PACKAGE CONTENTS

The NETGEAR Nighthawk MK73S system typically includes the following components:

- One Nighthawk MK73S Router
- Two Nighthawk MK73S Satellite Extenders
- Power Adapters for each unit
- Ethernet Cable
- Quick Start Guide



Image: A visual representation of the Nighthawk MK73S system, showing one router and two satellite units.

3. SETUP INSTRUCTIONS

Follow these steps to set up your NETGEAR Nighthawk MK73S Mesh WiFi 6 System:

1. **Prepare for Installation:** Disconnect your existing router from your modem. If you are replacing an ISP-provided router, ensure it is properly deactivated or returned as per your ISP's instructions to avoid conflicts.
2. **Download the Nighthawk App:** On your mobile device, download the NETGEAR Nighthawk app from the Apple App Store or Google Play Store. This app will guide you through the setup process.
3. **Connect the Router:**
 - o Power off your modem.
 - o Connect one end of the provided Ethernet cable to the Internet port (usually yellow) on the Nighthawk router.
 - o Connect the other end of the Ethernet cable to your modem's Ethernet port.
 - o Power on your modem and wait for it to fully boot up (usually indicated by stable lights).
 - o Connect the power adapter to the Nighthawk router and plug it into a power outlet. Wait for the router's LED to turn solid white.
4. **Place Satellites:** Position the satellite extenders in locations that provide optimal coverage throughout your home. Ensure they are within range of the router and each other. Plug in the power adapters for the satellites.
5. **Complete Setup via App:** Open the Nighthawk app on your mobile device. Follow the on-screen instructions to detect and configure your router and satellites, set up your WiFi network name (SSID) and password, and activate NETGEAR Armor.

The image is a visual guide for the easy setup of a NETGEAR Nighthawk router. It is divided into two main sections. The left section features the NETGEAR ARMOR logo, which is powered by Bitdefender. Below the logo, it states: "A powerful suite of tools to help keep you safe online, at home or on the go. Includes 1-year subscription." There are four blue checkmark icons with corresponding text: "Cybersecurity", "VPN", "Extended Warranty", and "Priority Support". The background of this section shows a person's hands holding a smartphone displaying the Nighthawk app interface, with a laptop and a coffee cup visible in the background. The right section is titled "Easy Setup" and contains two numbered steps: "1. Download the Nighthawk app and follow instructions" and "2. Connect MK73S Router to your modem and power". Below the text is a photograph of the black Nighthawk MK73S router, which has a glowing blue light on its front panel and the word "NIGHTHAWK" printed on it.

Image: Visual guide for easy setup, showing steps to download the Nighthawk app and connect the MK73S router to the modem and power.

3 Gig Wired Connections And Support For Internet Plans Up To 1Gbps

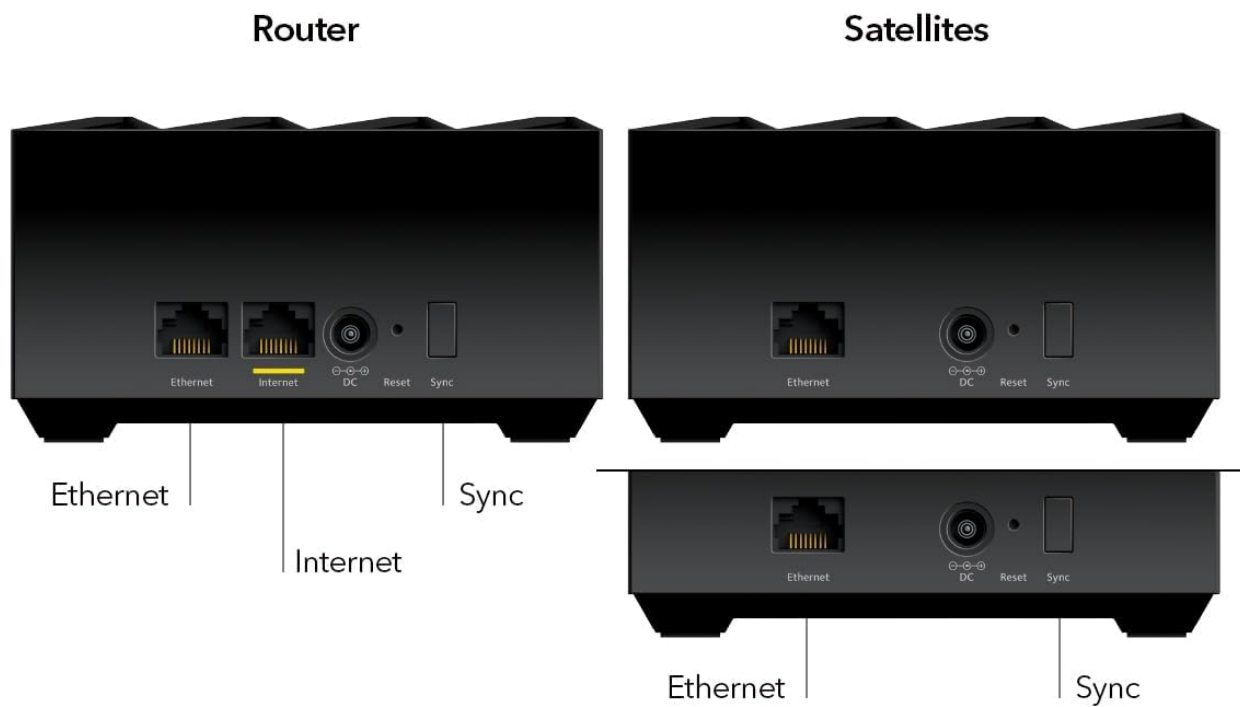


Image: Diagram illustrating the rear ports of the Nighthawk router and satellites, including Ethernet, Internet, DC power, Reset, and Sync buttons.

4. OPERATING YOUR MESH WiFi SYSTEM

4.1. Network Coverage and Performance

The Nighthawk MK73S system provides up to 4,500 square feet of WiFi coverage, supporting up to 25 devices simultaneously. The Tri-Band WiFi 6 technology ensures high-speed connectivity for streaming, gaming, and video conferencing.

3Gbps WiFi 6 Speed Provides Up To 4,500 sq. ft. Of Coverage

Expand coverage 1,500 sq. ft. with each
MS70 satellite (sold separately)



Image: An illustration depicting the Nighthawk MK73S system providing WiFi coverage across a multi-story home, with the router and satellites strategically placed.

4.2. Wired Connections

Each unit (router and satellites) includes Gigabit Ethernet ports for wired connections. The router has one 1G WAN port and one 1G LAN port. Each satellite has two 1G LAN ports. These ports can be used to connect devices such as computers, game consoles, smart TVs, or network-attached storage (NAS) for stable, high-speed connections.

4.3. NETGEAR Armor Security

The system includes a 1-year subscription to NETGEAR Armor, powered by Bitdefender. This security suite provides comprehensive protection for all connected devices against online threats, including malware, phishing, and ransomware. It also offers parental controls and vulnerability assessments.

NETGEAR[®]
ARMOR[™]

POWERED BY
Bitdefender[®]

A powerful suite of tools to help keep you safe online. Includes 1-year subscription.

✓ Cybersecurity

✓ VPN

✓ Extended Warranty

✓ Priority Support



Image: A visual representation of NETGEAR Armor features, including cybersecurity, VPN, extended warranty, and priority support, with a smartphone displaying the Armor app interface.

5. MAINTENANCE

Regular maintenance ensures optimal performance and security for your mesh WiFi system:

- **Firmware Updates:** Periodically check for and install firmware updates through the Nighthawk app. Updates often include performance improvements, security patches, and new features.
- **Physical Cleaning:** Keep the router and satellites free from dust and obstructions. Use a soft, dry cloth to clean the exterior. Ensure ventilation openings are clear.
- **Restarting Devices:** If you experience network issues, try restarting your modem, router, and satellites. Power them off, wait 30 seconds, then power them back on in sequence (modem first, then router, then satellites).
- **Network Monitoring:** Use the Nighthawk app to monitor connected devices, network traffic, and security alerts provided by NETGEAR Armor.

6. TROUBLESHOOTING

If you encounter issues with your Nighthawk MK73S system, consider the following troubleshooting steps:

- **No Internet Connection:**

- Verify your modem is working correctly.
- Ensure all Ethernet cables are securely connected.
- Restart your modem, router, and satellites.
- Check your ISP's status for outages.

- **Weak WiFi Signal or Dead Zones:**

- Adjust the placement of your satellites to optimize coverage. Avoid placing them near large metal objects or appliances that emit electromagnetic interference.
- Ensure satellites are within effective range of the router and each other.

- **Devices Not Connecting:**

- Confirm you are using the correct WiFi network name (SSID) and password.
- Restart the problematic device.
- Temporarily disable any VPN or firewall on the device to test connectivity.

- **Slow Speeds:**

- Run a speed test using the Nighthawk app or a reliable online tool.
- Ensure your internet plan supports the speeds you expect.
- Check for excessive network activity from other devices.
- Consider moving devices closer to the nearest WiFi unit.

- **Nighthawk App Issues:**

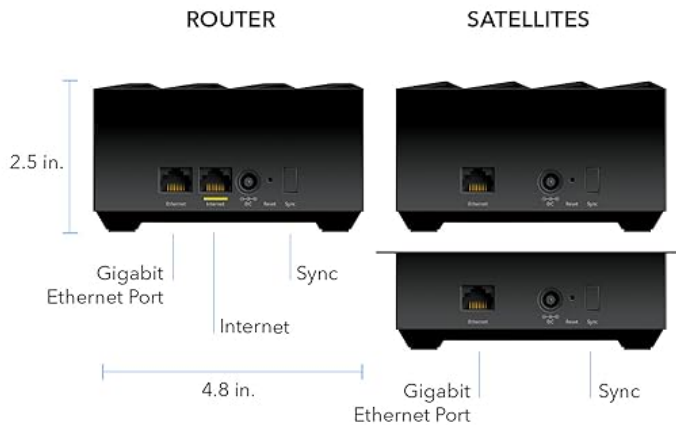
- Ensure your app is updated to the latest version.
- Clear the app's cache or reinstall it.
- Verify your mobile device is connected to the Nighthawk WiFi network.

- **Factory Reset:** As a last resort, you can perform a factory reset on the router. This will erase all custom settings and return the device to its default configuration. Refer to the quick start guide or the Nighthawk app for specific instructions on performing a factory reset.

7. SPECIFICATIONS

Detailed technical specifications for the NETGEAR Nighthawk MK73S Mesh WiFi 6 System:

Technical Specs



WIFI SPEED

3Gbps, AX3000 WiFi 6

WIFI COVERAGE

Up to 4,500 sq. ft., 25+ devices

INTERNET PLANS

Supports any internet service up to 1Gbps

EXPANDABLE MESH COVERAGE

Expand coverage 1,500 sq. ft. with each MS70 satellite (additional satellites sold separately)

WIRED CONNECTIVITY

Router: 1 x 1G Ethernet LAN port

Each Satellite: 1 x 1G Ethernet LAN ports

PROCESSOR, MEMORY

Quad-core 1.5Ghz processor, 128MB flash, 256MB RAM (Router and Satellites)

SECURITY AND PARENTAL CONTROLS

NETGEAR Armor all-in-one internet security

1-year subscription Included, NETGEAR Smart Parental Controls

Image: A detailed graphic outlining the technical specifications of the Nighthawk MK73S, including WiFi speed, coverage, internet plan compatibility, expandable mesh, wired connectivity, processor, memory, and security features.

Feature	Specification
Model Name	MK73S-100NAS
Wireless Type	802.11ax (WiFi 6)
Frequency Band Class	Tri-Band
WiFi Speed	Up to 3Gbps (AX3000)
WiFi Coverage	Up to 4,500 sq. ft.
Connected Devices	Up to 25+ devices
Router Ethernet Ports	1x 1G WAN, 1x 1G LAN
Satellite Ethernet Ports	2x 1G LAN per satellite
Processor	Quad-core 1.5GHz
Memory	128MB Flash, 256MB RAM (Router and Satellites)
Security Features	NETGEAR Armor (1-year subscription included), WPS, Internet Security, Parental Controls
Dimensions (Router/Satellite)	Approximately 4.8 x 4.8 x 2.5 inches (each unit)
Weight (each unit)	Approximately 1 pound
Operating System	Netgear OS



MK73S



MK83



MK93S

4,500 sq. ft.
COVERAGE

6,750 sq. ft.
COVERAGE

7,500 sq. ft.
COVERAGE

Up to 3Gbps
WiFi 6 SPEED

Up to 3.6Gbps
WiFi 6E SPEED

Up to 5.7Gbps
WiFi 6E SPEED

25
CONCURRENT
DEVICES

40
CONCURRENT
DEVICES

100
CONCURRENT
DEVICES

1-year
NETGEAR Armor

1-year
NETGEAR Armor

Image: A comparison chart showing the Nighthawk MK73S alongside other models (MK83, MK93S) with differences in coverage, speed, and device support.

8. WARRANTY AND SUPPORT

Your NETGEAR Nighthawk MK73S system comes with a standard manufacturer's warranty. Additionally, the purchase includes a 1-year subscription to NETGEAR Armor, which provides enhanced security features and may include priority support.

- **NETGEAR Armor:** Includes cybersecurity, VPN, and potentially extended warranty and priority support as part of the subscription.
- **Technical Support:** For technical assistance, visit the official NETGEAR support website or use the Nighthawk app's support features.
- **Protection Plans:** Optional extended protection plans are available for purchase separately to extend coverage beyond the standard warranty period.

For the most current warranty information and support resources, please refer to the official NETGEAR website or the documentation included with your product.

