

DBIT D-MAX5

DBIT AX1800 WiFi 6 Whole Home Mesh Wi-Fi System (D-MAX5, 2-Pack)

Instruction Manual

1. PRODUCT OVERVIEW

The DBIT AX1800 WiFi 6 Whole Home Mesh Wi-Fi System provides seamless, high-speed internet coverage throughout your home. This 2-pack system (Model D-MAX5) is designed to replace traditional routers and extenders, offering a unified network experience with advanced WiFi 6 technology.

- **Blazing-Fast Speeds:** Experience next-gen WiFi 6 speeds with dual-band AX1800 technology (574Mbps on 2.4GHz + 1201Mbps on 5GHz). Ideal for 4K streaming, online gaming, and large file downloads, eliminating lag and buffering.
- **Seamless Whole-Home Coverage:** Two units provide ultra-stable WiFi coverage up to 4,000 sq. ft., eliminating dead zones and allowing smooth roaming between rooms, floors, or outdoor spaces.
- **Advanced WiFi 6 Efficiency:** OFDMA and MU-MIMO technology optimize bandwidth allocation, reducing latency for high-demand tasks. Connect up to 150 smart home devices without compromising performance.
- **Full Gigabit Ports:** Each unit features 2 Gigabit Ethernet ports (4 in total for a 2-Pack) for stable wired network connections and improved speeds. Any unit can function as a Wi-Fi Router.
- **Easy Setup and Management:** Set up your network in minutes using the intuitive mobile app or web GUI. Manage Wi-Fi settings, parental controls, guest networks, and add mesh nodes from your smartphone or PC. Supports one-click networking to add new nodes.
- **Universal ISP Compatibility:** Works with any internet provider, including Xfinity, Spectrum, AT&T, Verizon Fios, Google Fiber, and more (supports PPPoE, DHCP, and static IP).
- **Smart Parental Controls:** Manage internet usage, set restrictions, and monitor activity across all connected devices for a worry-free home environment.
- **Reliable & Secure Connectivity:** Online firmware upgrade capabilities and WPA3 encryption ensure your network remains protected and up-to-date.



Image: Overview of the DBIT AX1800 WiFi 6 Mesh System, showing its compact design and highlighting features like 1800 Mbps speed, 2 Gigabit ports, one-click mesh, intelligent diagnosis, easy setup, parental controls, guest Wi-Fi, support for 150 devices, seamless roaming, and coverage up to 4,000 sq. ft.

Whole-Home WiFi

Ensure drop-free Wifi coverage and seamless roaming capabilities so you can move around your home on a single network.

— 2.4GHz

— 5GHz



Image: A diagram illustrating whole-home WiFi coverage provided by two DBIT mesh units placed in different areas of a house, ensuring drop-free WiFi and seamless roaming up to 4,000 sq. ft.

Video: An overview of the DBIT Mesh WiFi System, demonstrating its capabilities for whole home coverage and seamless connectivity.

2. WHAT'S IN THE BOX

Verify that all items are present in your package:

- 2 x DBIT Mesh Router Units
- 2 x Power Adapters
- 1 x RJ45 Ethernet Cable
- 1 x Quick Installation Guide

What's in the Box



Mesh Router X 2



Power Adapter X 2



Ethernet Cable X 1



QIG X 1

Image: A visual representation of the package contents, including two mesh router units, two power adapters, one Ethernet cable, and the Quick Installation Guide.

3. SETUP INSTRUCTIONS

3.1 Initial Setup of the Primary Mesh Router

1. Connect one of the mesh router units to your modem using the provided RJ45 Ethernet cable. Plug the Ethernet cable into one of the Gigabit ports on the mesh unit and the other end into your modem's LAN port.
2. Connect the power adapter to the mesh router unit and plug it into a power outlet.

3. Turn on your cable modem and wait for it to fully start up. If you do not use a modem for internet access, you may skip this step.
4. Wait for the indicator light on the primary mesh router to turn solid green. This indicates that the primary mesh router's network is operating normally.

Video: Detailed instructions on how to set up the primary mesh router unit.

3.2 Setting Up the Mesh System via MU-LINK App

1. Download and install the MU-LINK app on your smartphone.
2. Connect your phone to the Wi-Fi network broadcast by the primary mesh router. The default Wi-Fi name and password can be found on the label at the bottom of the unit.
3. Launch the MU-LINK app and follow the on-screen instructions to configure your network settings, including changing the default Wi-Fi name and password.



Image: A step-by-step diagram showing how to set up the mesh system using the MU-LINK app, including connecting to the modem, connecting to the device's Wi-Fi, downloading the app, and initiating automatic networking.

Video: A guide on how to set up the entire mesh system using the recommended method.

3.3 Adding More Mesh Nodes (Secondary Units)

You can add additional mesh nodes to expand your network coverage. There are two methods:

Method 1: Add via MU-LINK App (Recommended for multiple nodes)

1. Place the secondary mesh router unit in a desired location within the coverage area of the primary unit.
2. Connect the power adapter to the secondary unit and plug it into a power outlet.
3. Wait for the secondary node's indicator light to blink yellow.
4. Open the MU-LINK app on your smartphone. The app home page should show the number of devices that can be added. Follow the app's instructions to add the new node to your existing network.
5. Once successfully connected, the LED on the secondary unit will turn solid green. If it does not, reset the secondary node and try the process again.

Method 2: One-Button Networking via Mesh Button (For adding a single node)

1. On the connected primary mesh node, press the 'Mesh' button. The green light will blink rapidly.
2. On the powered-up secondary mesh node, press the 'Mesh' button. The yellow light will blink rapidly.
3. The two devices will automatically enter the networking process. Wait for the LED on the secondary unit to turn solid green, indicating a successful connection. If it does not, reset the secondary node and try the process again.

One-Click Networking

Besides adding devices via the app, form a mesh network by pressing the Mesh button with other devices.



Image: A visual guide demonstrating how to pair mesh nodes using the 'Mesh' button for one-click networking.

Video: Instructions on how to add additional mesh nodes to your existing DBIT mesh system.

4. OPERATING INSTRUCTIONS

4.1 Managing Your Network via MU-LINK App/Web GUI

Once your mesh system is set up, you can manage various network functions through the MU-LINK mobile app or a web-based Graphical User Interface (GUI) accessible via a web browser on your computer.

- **Wi-Fi Settings:** Customize your Wi-Fi name (SSID), password, and security protocols.
- **Parental Controls:** Set internet access schedules, block specific websites, and monitor online activity for connected devices.
- **Guest Network:** Create a separate Wi-Fi network for guests, providing internet access without sharing your main network's password or resources.

- **Device Management:** View connected devices, prioritize bandwidth for certain devices, or block unwanted devices.
- **Intelligent Diagnosis:** The system can perform self-diagnosis to identify and resolve network issues automatically.

Connect More Devices

Using OFDMA and MU-MIMO technology, the system enables simultaneous connectivity for more devices with minimal latency-maximizing network efficiency and capacity.



Image: The DBIT mesh system supporting connectivity for over 150 devices, perfect for smart homes and 4K/8K streaming, thanks to OFDMA and MU-MIMO technology.

Seamless Roaming No Buffering When You Move

When moving between two mesh nodes, end devices can automatically switch to connect to a better WiFi network and stay connected throughout the house.

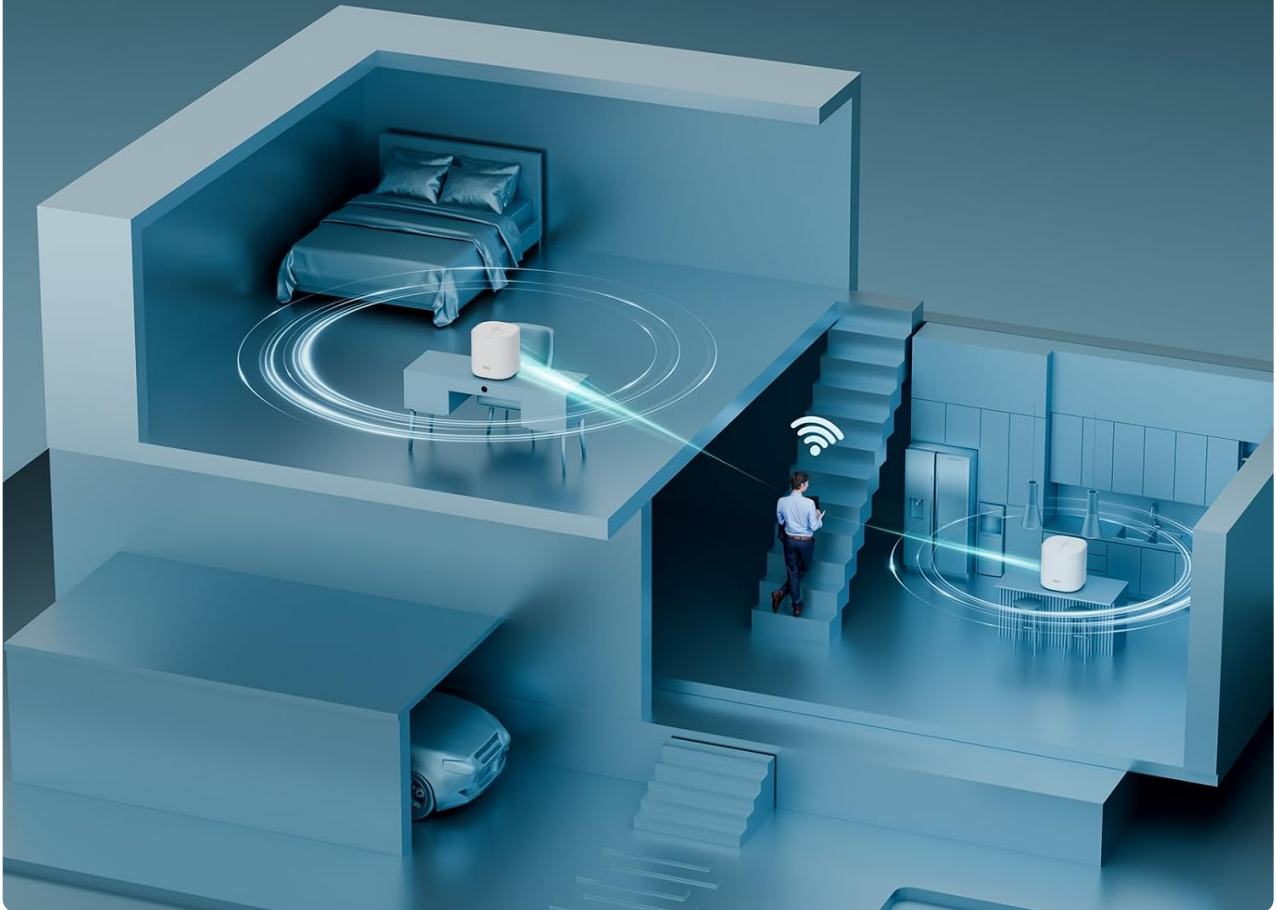


Image: A diagram depicting seamless roaming, where devices automatically switch to the best WiFi network as users move between mesh nodes, ensuring no buffering.

5. MAINTENANCE

5.1 Firmware Updates

Regular firmware updates are crucial for maintaining optimal performance, security, and access to new features. The DBIT AX1800 Mesh System supports online firmware upgrades.

- Access the firmware update option through the MU-LINK app or the web GUI.
- Follow the on-screen instructions to check for and install available updates.
- Ensure a stable power supply during the update process to prevent interruptions.

5.2 Cleaning

To ensure proper ventilation and longevity of your mesh units, keep them clean and free from dust.

- Use a soft, dry cloth to wipe the exterior of the units.
- Do not use liquid cleaners or aerosol sprays directly on the devices.
- Ensure ventilation openings are not obstructed.

6. TROUBLESHOOTING

If you encounter issues with your DBIT AX1800 Mesh Wi-Fi System, consider the following troubleshooting steps:

- **No Internet Connection:**
 - Check if your modem is working correctly.
 - Ensure the Ethernet cable is securely connected between the primary mesh unit and the modem.
 - Restart both your modem and the primary mesh unit.
 - Verify your ISP settings in the MU-LINK app or web GUI.
- **Weak Wi-Fi Signal/Dead Zones:**
 - Relocate secondary mesh units closer to the primary unit or to a more central location.
 - Ensure there are no major obstructions (thick walls, large metal objects) between mesh units.
 - Add additional mesh nodes if your coverage area is larger than 4,000 sq. ft.
- **Devices Disconnecting Frequently:**
 - Ensure your mesh units are running the latest firmware.
 - Check for interference from other electronic devices.
 - Reset the problematic device's network settings and reconnect to the mesh Wi-Fi.
- **Cannot Access MU-LINK App/Web GUI:**
 - Ensure your device is connected to the mesh Wi-Fi network.
 - Verify the IP address for the web GUI (usually printed on the unit's label or found in the Quick Installation Guide).
 - Try restarting the primary mesh unit.
- **Resetting the System:** If all else fails, you can perform a factory reset. Locate the reset button (often a small pinhole) on the back or bottom of the mesh unit. Press and hold it for about 10 seconds until the indicator lights change, then release. *Note: This will erase all your custom settings, and you will need to set up the system again.*

7. SPECIFICATIONS

Feature	Detail
Brand	DBIT

Model Name	D-MAX5 (2-PACK)
Wi-Fi Generation	Wi-Fi 6 (802.11ax)
Wireless Communication Standard	802.11ac, 802.11ax, 802.11b, 802.11g, 802.11n
Frequency Band Class	Dual-Band (2.4 GHz & 5 GHz)
Data Transfer Rate	Up to 1800 Megabits Per Second
Coverage	Up to 4000 Square Feet (with 2 units)
Number of Gigabit Ports	2 per unit (4 total for 2-Pack)
Security Protocol	WPA-PSK, WPA2-PSK, WPA3-SAE
Special Features	Beamforming, Guest Mode, Internet Security, Parental Control, Remote Access
Control Method	App Control, Push Button
Compatible Devices	Gaming Console, Personal Computer, Tablet, Smart Television, Smartphone, Printer, Security Camera
Item Dimensions (L x W x H)	4.33"L x 4.33"W x 4.41"H
Item Weight	1.7 Pounds
Manufacturer	Shenzhen Dbit Network Equipment Co., Ltd.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This DBIT AX1800 WiFi 6 Whole Home Mesh Wi-Fi System comes with a **1-Year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please refer to the contact information provided in your Quick Installation Guide or visit the official DBIT support website. While the product is designed for easy setup, some users have reported challenges with customer service contact methods. Please ensure you use the most up-to-date contact information available from the manufacturer.