

DBIT D-MAX6

DBIT AX3000 WiFi 6 Mesh Wi-Fi System User Manual

Model: D-MAX6 (3-Pack) | Brand: DBIT

INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your DBIT AX3000 WiFi 6 Mesh Wi-Fi System. This system is designed to provide seamless, high-speed wireless coverage throughout your home or office, eliminating dead zones and supporting numerous connected devices.



Image: The DBIT AX3000 Mesh Wi-Fi System, showing three compact white units.

WHAT'S IN THE BOX

Verify that all items are present in your package:

- 3 Mesh Router Units
- 3 Power Adapters
- 1 RJ45 Ethernet Cable
- Quick Installation Guide

What's in the Box



Mesh Router X 3



Power Adapter X 3



Ethernet Cable X 1



QIG X 1

Image: All components included in the DBIT AX3000 Mesh Wi-Fi System package.

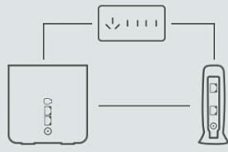
SETUP

Follow these steps to set up your DBIT AX3000 Mesh Wi-Fi System.

1. Powering On the Primary Mesh Router

1. Insert the power adapter into the mesh router.
2. Plug the other end of the power adapter into a power outlet.
3. Observe the indicator light:
 - **Solid Red**: Starting up
 - **Flashing Yellow**: Startup complete, pending network connection

Quick Setup with MU-LINK APP



❶ Connect any device to your modem and power up both devices



❷ Connect your phone to the device's WiFi



❸ Download, install and launch the APP

❹ Power on the other two devices, the APP home page shows the number of devices that can be added, and then you can start the automatic networking process.

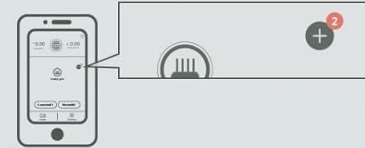


Image: Visual guide for the quick setup process using the MU-LINK APP.

2. Connecting to the Internet

1. Turn off your existing cable modem. If you do not use a modem for internet access, skip this step.
2. Plug one end of the provided Ethernet cable into your modem.
3. Plug the other end of the Ethernet cable into the WAN/LAN port of your primary Mesh Router.
4. Turn on your cable modem and wait for it to complete its startup process.
5. Wait for the indicator light of the mesh router to change to **solid green**, indicating that the primary mesh router's network is normal.

3. Easy Setup with MU-LINK APP

1. Download and install the MU-LINK APP on your smartphone.
2. Connect your phone to the primary mesh router's Wi-Fi SSID. The default SSID and password are printed on the product label on the bottom of the unit.
3. Log in to the app using the login details found on the product label.
4. Inside the APP settings, you can view the network status, customize operations such as parental control, guest network, Wi-Fi settings and more.

For a visual guide on setting up the primary mesh router, please watch the video below:

Your browser does not support the video tag.

Video: How to set up the primary mesh router for the DBIT AX3000 WiFi 6 Mesh System.

4. One-Click Networking for Additional Units

To expand your mesh network with additional units:

- Besides adding devices via the app, you can form a mesh network by pressing the "Mesh" button on the primary unit and then on the new unit.
- The new node will automatically connect to the existing network.



Image: Demonstrating the one-click networking feature to expand the mesh Wi-Fi system.

OPERATING YOUR MESH Wi-Fi SYSTEM

The DBIT AX3000 system offers advanced features for an optimized network experience.

High-Speed Wi-Fi 6 Performance

Experience blazing-fast speeds with dual-band AX3000 technology, delivering up to 574Mbps on 2.4GHz and 2402Mbps on 5GHz. This is ideal for 4K/8K streaming, online gaming, and large file downloads, ensuring minimal lag and buffering.

Wi-Fi 6 Speed up to 3Gbps

AX3000 Speeds - Stream, Game, Download at Full Throttle.

AX3000 (5GHz)



2402 Mbps

AX1500 (5GHz)



1201 Mbps

A large graphic showing '100%' in a bold, teal font. To the left of the percentage are two curved, teal arrows pointing upwards and to the right, suggesting a comparison or a full cycle.

Image: Comparison of Wi-Fi 6 speeds, highlighting the performance of AX3000.

Seamless Whole-Home Coverage

With three units, the system covers up to 6,500 sq. ft., providing ultra-stable Wi-Fi. Seamless roaming ensures that devices automatically switch to the strongest signal as you move around your home, eliminating dead zones and buffering.

Seamless Roaming No Buffering When You Move

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

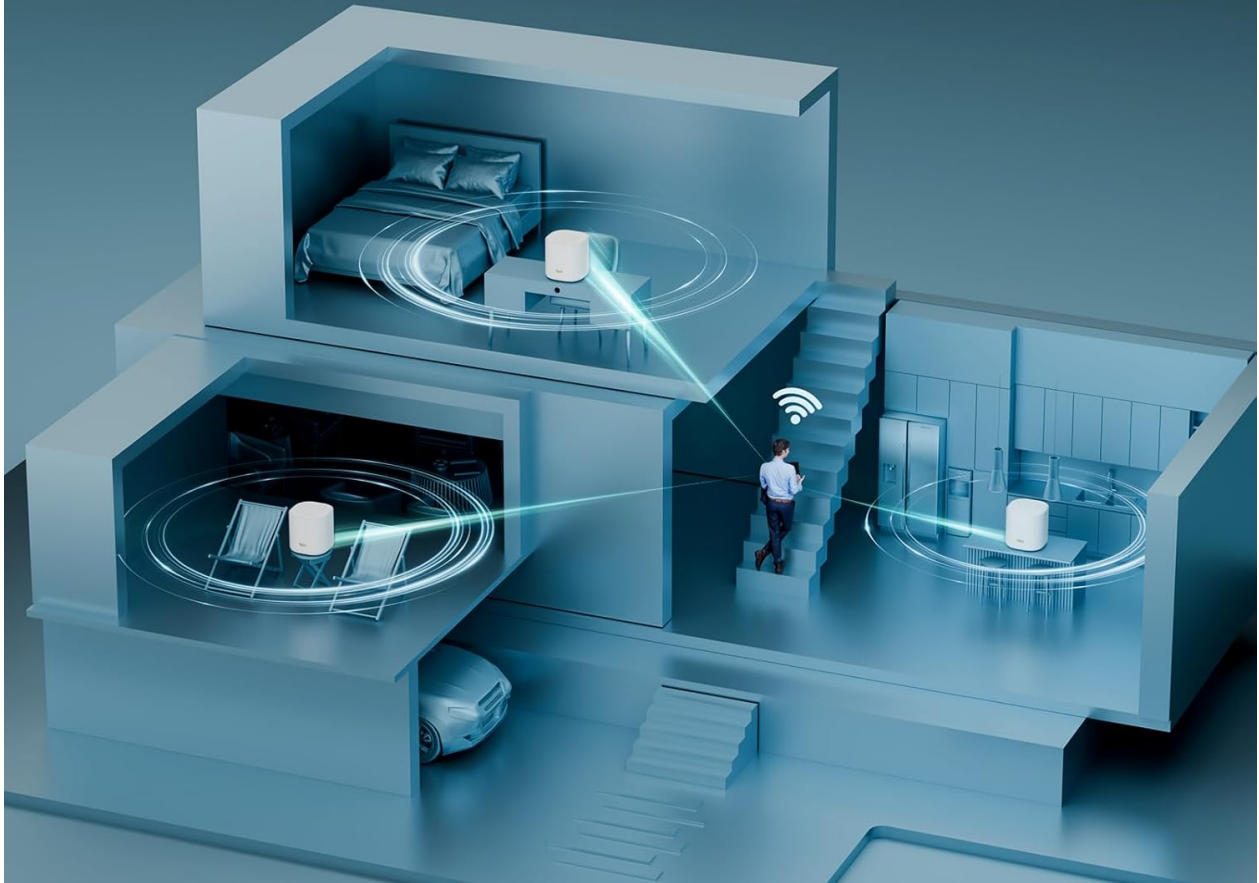


Image: Depiction of seamless roaming within a multi-story home using the mesh system.

Advanced Wi-Fi Efficiency

OFDMA and MU-MIMO technologies optimize bandwidth allocation, reducing latency and allowing connection of up to 150 smart home devices without compromising performance.

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 mesh system supporting multiple devices simultaneously.

Gigabit Ethernet Ports

Each unit features two Gigabit Ethernet ports, providing stable wired connections for devices requiring maximum speed and reliability. Any unit can function as a Wi-Fi Router.

Parental Controls and Guest Network

Manage internet usage, set restrictions, and monitor activity across all connected devices using the intuitive mobile app. Create separate guest networks to ensure privacy and security for your main network.

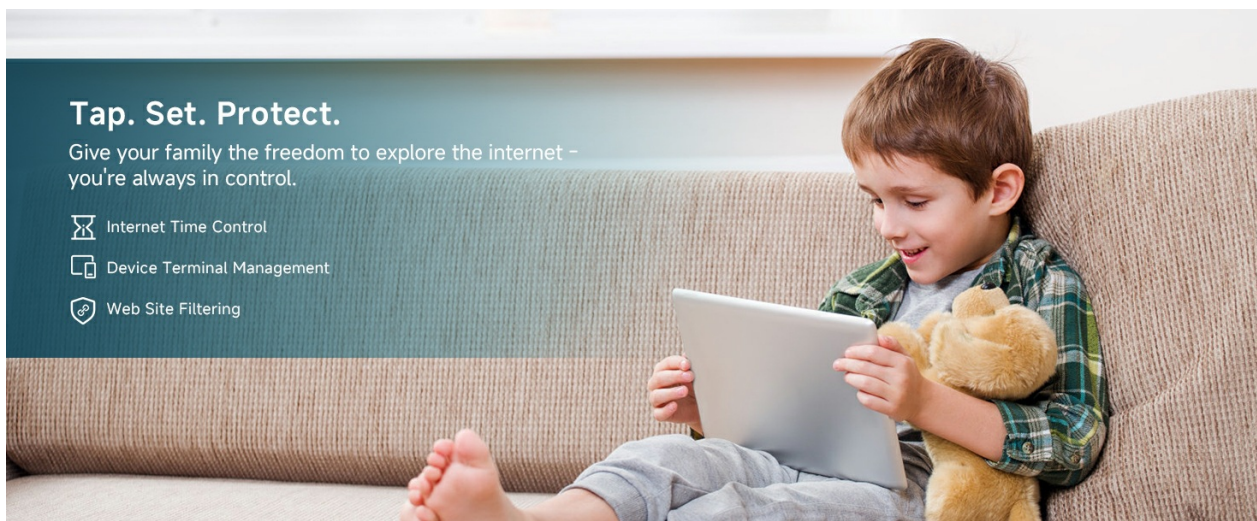


Image: Parental control features for managing internet access.

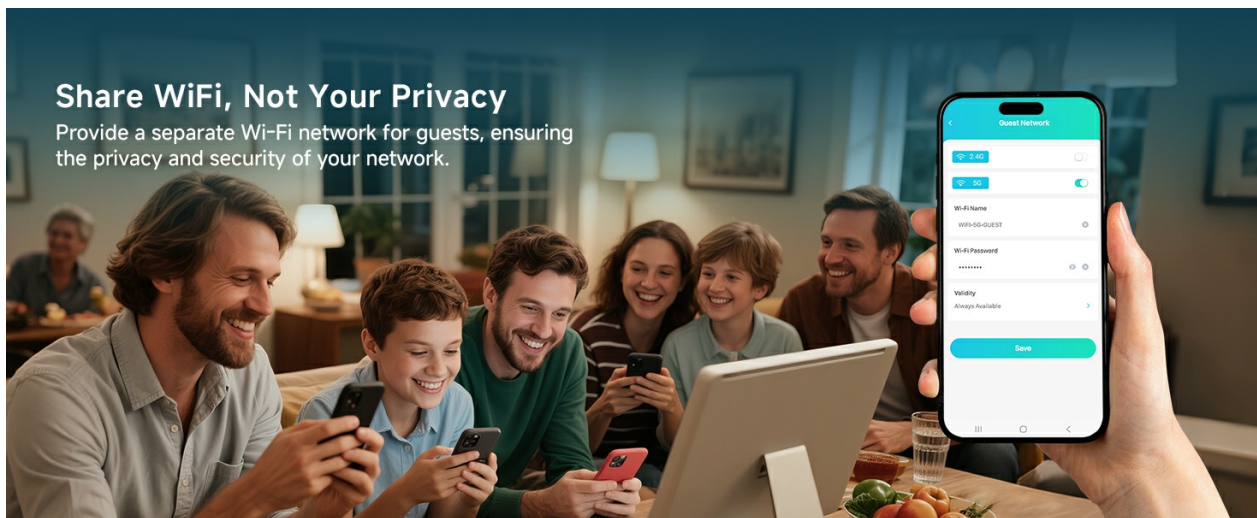


Image: Setting up a guest Wi-Fi network for visitors.

MAINTENANCE

Regular maintenance ensures optimal performance and security for your mesh Wi-Fi system.

Firmware Updates

The system supports online firmware upgrades. Regularly check for and install updates via the MU-LINK app or web GUI to ensure your network benefits from the latest features, performance improvements, and security patches.

Network Security

Your DBIT AX3000 system utilizes WPA3 encryption to protect your network. Ensure this is enabled and use strong, unique passwords for your Wi-Fi network and administration access.

Advanced Encryption



WPA3 Enabled:
Protect your network security and privacy.

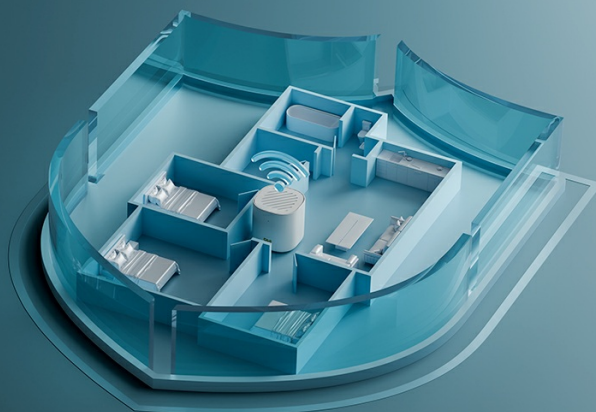


Image: Visual representation of WPA3 advanced encryption for network security.

TROUBLESHOOTING

If you encounter issues with your DBIT AX3000 Mesh Wi-Fi System, refer to the following common solutions:

Problem	Possible Cause	Solution
No Internet Connection	Modem or router not powered on; incorrect cable connection; ISP issue.	<ul style="list-style-type: none">◦ Ensure all power adapters are securely plugged in.◦ Verify Ethernet cable connections between modem and primary router.◦ Restart your modem and primary mesh router.◦ Check with your Internet Service Provider (ISP) for outages.
Weak Wi-Fi Signal / Dead Zones	Units too far apart; interference; physical obstructions.	<ul style="list-style-type: none">◦ Relocate mesh units closer to each other or to the center of the coverage area.◦ Ensure units are not blocked by large metal objects or thick walls.◦ Minimize interference from other electronic devices (microwaves, cordless phones).◦ Add additional mesh nodes for larger areas.
Cannot Connect to Wi-Fi	Incorrect Wi-Fi password; device too far; network not broadcasting.	<ul style="list-style-type: none">◦ Double-check the Wi-Fi password.◦ Move closer to a mesh unit.◦ Restart the mesh unit.◦ Verify Wi-Fi settings in the MU-LINK app.

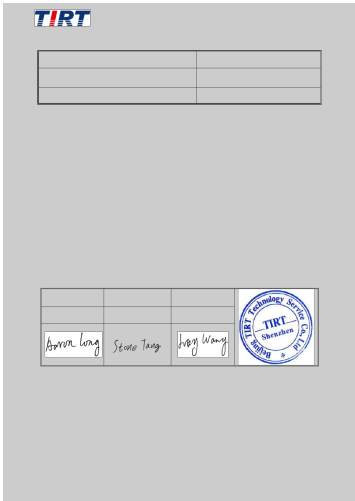
Problem	Possible Cause	Solution
Slow Internet Speed	Too many devices; network congestion; outdated firmware.	<ul style="list-style-type: none"> ◦ Disconnect unused devices. ◦ Ensure firmware is up to date. ◦ Consider upgrading your ISP plan if speeds are consistently below expectations. ◦ Use wired connections for high-bandwidth devices where possible.

SPECIFICATIONS

- **Product Dimensions:** 4.33 x 4.33 x 4.41 inches
- **Item Weight:** 2.58 pounds
- **Model Number:** D-MAX6
- **Brand:** DBIT
- **Special Features:** Beamforming, Guest Mode, Internet Security, Parental Control, Remote Access
- **Frequency Band Class:** Dual-Band (2.4GHz and 5GHz)
- **Wireless Communication Standard:** 802.11ac, 802.11ax (Wi-Fi 6), 802.11b, 802.11g, 802.11n
- **Compatible Devices:** Gaming Console, Personal Computer, Tablet, Smart Television, Smartphone, Printer, Security Camera
- **Frequency:** 5 GHz (primary operating band for high speed)
- **Recommended Uses:** Business, Home
- **Manufacturer:** Shenzhen Dbit Network Equipment Co., Ltd.
- **Coverage:** Up to 6,500 sq. ft. (with 3-Pack)
- **Max Devices:** Up to 150 devices
- **Ethernet Ports:** 2 Gigabit Ports per unit

WARRANTY AND SUPPORT

DBIT products are designed for reliability and performance. For warranty information, please refer to the specific warranty card included with your product or visit the official DBIT website. For technical support, troubleshooting assistance, or to inquire about product services, please contact DBIT customer support through the channels provided in your Quick Installation Guide or on the manufacturer's website. You can also visit the [DBIT Store on Amazon](#) for more product information and support resources.

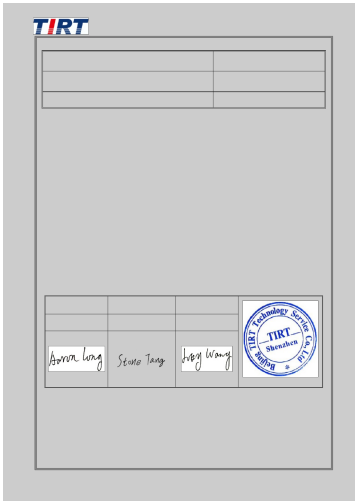


[pdf] Test Report

Test Report 1 Shenzhen Dbit Network Equipment Co Ltd R W62411 AX1800 Gigabit Whole Home Mesh WiFi System 2BLJV 2BLJVRW62411 r w62411

Product Name: AX1800 Gigabit Whole Home Mesh WiFi System Report No: ITEZA2-202400364RF1 Product Mo ... 203. 3 The device supports WLAN MIMO CDD mode Model List D-MAX1, D-MAX2, D-MAX3, D-MAX4, D-MAX5, **D-MAX6**, D-MAX7, D-MAX8, D-MAX9, D-MAX10, D-MAX11, D-MAX12, D-MAX13, D-MAX14, D-MAX15, D-MAX16, D-MAX...

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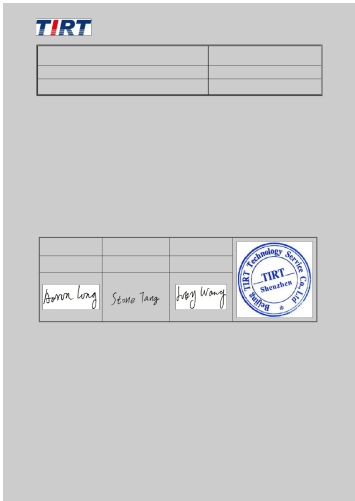


[pdf] Test Report

Test Report 2 Shenzhen Dbit Network Equipment Co Ltd R W62411 AX1800 Gigabit Whole Home Mesh WiFi System 2BLJV 2BLJVRW62411 r w62411

Report No.:ITEZA2-202400364RF2 Product Name:AX1800 Gigabit Whole Home Mesh WiFi System Report No: ... 15 Subpart E ANSI C63.4:2014, ANSI C63.10:2013 Model List D-MAX1, D-MAX2, D-MAX3, D-MAX4, D-MAX5, **D-MAX6**, D-MAX7, D-MAX8, D-MAX9, D-MAX10, D-MAX11, D-MAX12, D-MAX13, D-MAX14, D-MAX15, D-MAX16, D-MAX...

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[pdf] Test Report

Tian Xin Test Report 18 Shenzhen Dbit Network Equipment Co Ltd R W62411 AX1800 Gigabit Whole Home Mesh WiFi System 2BLJV 2BLJVRW62411 r w62411

Product Name: AX1800 Gigabit Whole Home Mesh WiFi System Product Model: Please refer to the Page 6 m ... record Attachment No. Issue Date Description Model List D-MAX1, D-MAX2, D-MAX3, D-MAX4, D-MAX5, **D-MAX6**, D-MAX7, D-MAX8, D-MAX9, D-MAX10, D-MAX11, D-MAX12, D-MAX13, D-MAX14, D-MAX15, D-MAX16, D-MAX...

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