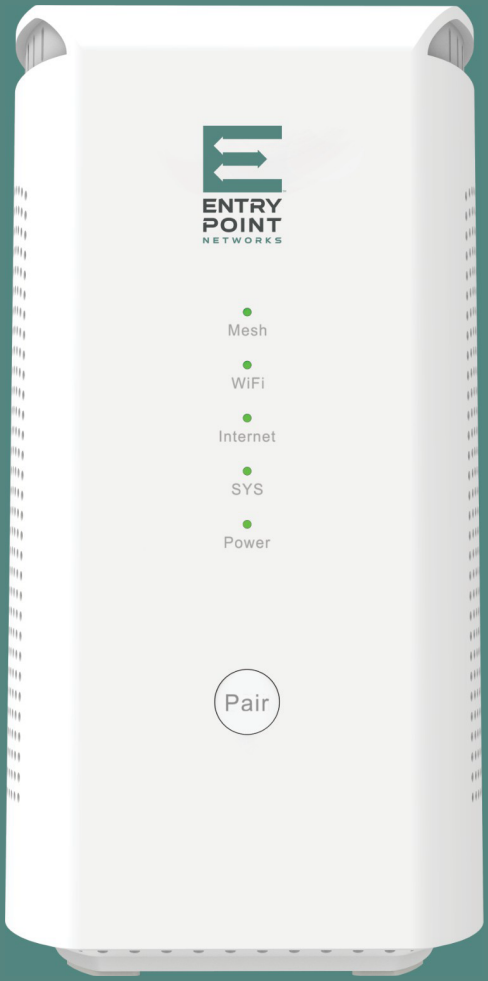
D50

Quick Start Guide



1 Product Introduction

The D50 is a powerful Mesh Wi-Fi system that uses Wi-Fi 6 technology to provide high-speed internet up to 5400 Mbps. It supports numerous devices and maintains high data rates and signal quality even with multiple devices connected, providing a stable and uninterrupted internet connection.

Wi-Fi 6

This device supports Wi-Fi 6 and is compatible with various Wi-Fi standards, including older ones, for reliable connections with a range of devices.

Mesh

Mesh technology boosts Wi-Fi coverage, eliminates dead zones, and ensures reliable connection. It also offers easy setup with rapid one-button pairing.

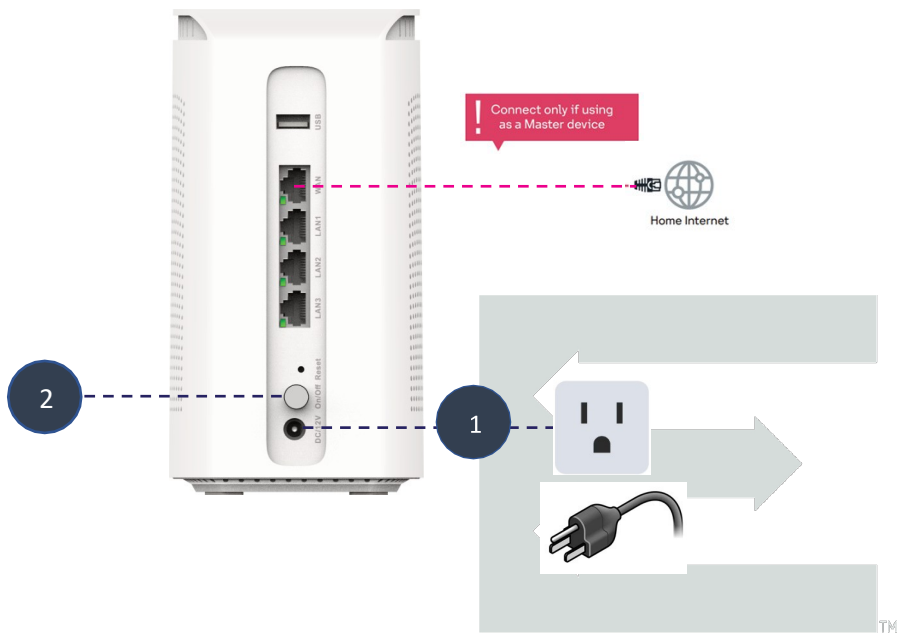
Parental controls

This feature helps parents monitor and control their child's internet activity. It includes web content filtering, time limits, and social supervision, promoting online safety and responsible habits.

2 Product Installation

Ensure the cables are connected.

1. Power Cable.
2. Press the power button to turn on the device.



Choose your desired method of operation:

1. The D50 may easily be used out of the box with no changes by powering it on and connecting to the SSID using the password provided on the label provided on the bottom of the device.

2. The D50 may be manually reconfigured through a management portal that requires connecting to the Wi-Fi using the credentials provided on the bottom label or by plugging directly into a LAN port and connecting to 172.30.55.1 using a web browser and the user admin and the password admin (Your credentials are on the bottom of your router).

3. The managed Wi-Fi features, including advanced performance, security, filtering and monitoring are available on a monthly subscription basis. Subscribers to this additional service should install the 'Orangeburg Fiber Wi-Fi' app by scanning the QR code provided or by downloading the 'Orangeburg Fiber Wi-Fi' app from the Google Play store or the Apple App store.

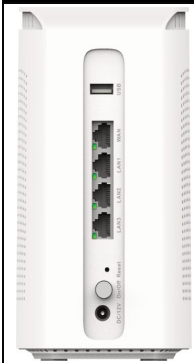
4. After installing the app, users can create or log into their registered account to access the features of the EntryPoint D50. Users subscribed to the managed Wi-Fi service can reach out directly to their internet service provider for customer support with their D50 device or help with managing the Wi-Fi features and connectivity in their home.

3 LED Indicators

LEDs	Color	Symbol	Status
Wi-Fi	Solid Green	Wi-Fi	Wi-Fi ON
	OFF		Wi-Fi OFF
Internet	Solid Green	Internet	Internet Connected
	OFF		Internet Disconnected
System	Solid Green	SYS	System Loaded
	OFF		System Loading
Power	Solid Green	Power	Powered ON
	OFF		Powered OFF

LED	Mode	Color	Symbol	Status
Mesh	Gateway	Solid Green	Mesh	Mesh Network Connected/Regular
		Blinking Green		Gateway Pairing
	Satellite	Quick Blinking Orange	Mesh	Satellite Pairing
		Solid Green		Successfully Paired
		Blinking Red		Mesh Failed

4 Ports and Interfaces

	Port	Description
	3GE x LAN	To connect PCs, Laptops, etc. via Ethernet cables.
	USB 2.0	To charge devices such as smart phone, power bank etc.
	1GE x WAN	Connect Ethernet cable from EntryPoint D50 router to ISP source
	DC Jack	For power supply (12V 2A).

Button	Description
POWER	Turn the device On/Off
PAIR	Long press the PAIR button for 5-10 seconds to setup the Mesh mode.
RESET	Connect Ethernet cable from EntryPoint D50 router to ISP source.

5 Safety Guidelines

General tips:

- Use only original and certified cables.
- Avoid exposing the device to water during storage, transportation, and operation. Keep the device away from heat sources and ensure adequate ventilation.
- Do not use any corrosive cleaner/oil to clean the device.
- Keep the device out of reach of children.

Installation tips:

- Check the cable connections after installing the device.
- Place the EntryPoint D50 in an appropriate location for seamless internet connectivity.
- Restart the device in case of any internet connectivity problems. Change your Wi-Fi passwords regularly.

Caution:

Do not disassemble the device in case of malfunction or damage. Instead, change the connections and contact technical support for assistance.

6 RF Parameters

Function	Frequency Range	Transmit Power (EIRP)
2.4 GHz Wi-Fi	2412 ~ 2472 MHz	Max 20dBm
5 GHz Wi-Fi	5150 ~ 5850 MHz	Max 23dBm

Support

Please visit www.orangeburgfiber.net/support for the latest product information and downloads. Customers requiring support should contact their internet service provider for assistance.

Disposal Note

Note that electronic devices should not be disposed of in household waste, and at the end of its service life, the product should be disposed of in accordance with the applicable regulatory guidelines. By doing so, you fulfill your statutory obligations and contribute to the protection of the environment.

Compliance

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the device and anybody or person.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the radio or television is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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