

Faber-Castell 2024 WiFi Extender

Faber-Castell 1200Mbps Dual Band WiFi Extender User Manual

Model: 2024 WiFi Extender

1. INTRODUCTION

Thank you for choosing the Faber-Castell 1200Mbps Dual Band WiFi Extender. This device is designed to expand your existing wireless network coverage, eliminate Wi-Fi dead zones, and provide a stable, high-speed internet connection throughout your home or office. Please read this manual carefully before installation and use to ensure optimal performance and safety.

2. PRODUCT FEATURES

- **Dual Band Performance:** Supports 2.4GHz (up to 300Mbps) and 5GHz (up to 867Mbps) for a combined speed of 1200Mbps.
- **Extensive Coverage:** Extends Wi-Fi coverage up to 10,000 sq. ft, supporting over 55 devices simultaneously.
- **4 High-Gain Antennas:** Equipped with four external antennas for enhanced signal strength and reliable connectivity.
- **Multiple Operating Modes:** Functions as a Wi-Fi Repeater, Access Point (AP), or Router.
- **Easy Setup:** Features a 1-Tap WPS button for quick and convenient setup.
- **Dual Ethernet Ports:** Includes two LAN/WAN ports for stable wired connections to devices like smart TVs, gaming consoles, or desktop computers.
- **Advanced Design:** Incorporates stable chipsets, efficient heat dissipation, and durable copper plating for longevity.

1200Mbps Dual Band

The transmission rate for dual band is fast and it is with strong anti-interference white is good choice for you.



Image: Overview of the Faber-Castell WiFi Extender highlighting its key features.

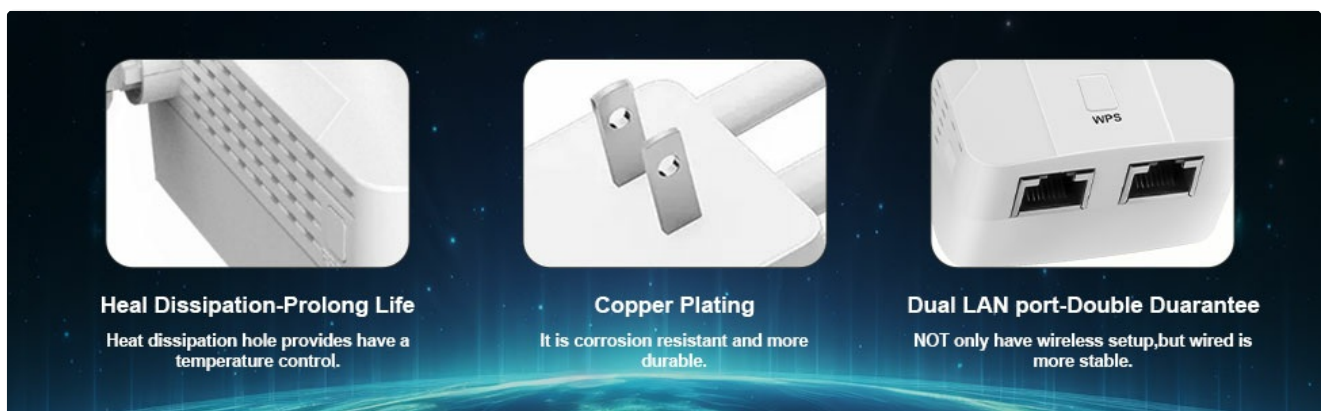


Image: Detailed view of the extender's heat dissipation, copper plug, and dual LAN ports.

3. PACKAGE CONTENTS

- Faber-Castell 1200Mbps Dual Band WiFi Extender
- Quick Installation Guide

- Ethernet Cable

4. SETUP INSTRUCTIONS

4.1. Optimal Placement

For best performance, place the extender halfway between your router and the area where you need improved Wi-Fi coverage. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference.



Image: Illustration of optimal WiFi extender placement within a home.

4.2. WPS (Wi-Fi Protected Setup) Method (1-Tap Setup)

1. Plug the extender into a power outlet near your main router.
2. Wait for the Power LED on the extender to turn solid.
3. Press the WPS button on your main router.
4. Within two minutes, press the WPS button on the Faber-Castell WiFi Extender.
5. The Signal LED on the extender should turn solid, indicating a successful connection.
6. You can now unplug the extender and move it to your desired location. Ensure the Signal LED remains solid for good coverage.



Image: Visual guide for the 30-second WPS setup process.

4.3. Web Browser Method

1. Plug the extender into a power outlet.
2. Connect your computer or mobile device to the extender's default Wi-Fi network (e.g., "Faber-Castell_Ext"). No password is required initially.
3. Open a web browser and enter the default IP address or domain name (refer to the Quick Installation Guide for specifics, typically 192.168.1.1 or extender.net).
4. Follow the on-screen instructions to select your existing Wi-Fi network and enter its password.
5. Configure the extender's network name (SSID) and password.
6. Once configured, the extender will restart. Reconnect your devices to the new extended network.

5. OPERATING MODES

The Faber-Castell WiFi Extender supports three primary operating modes:

- **Repeater Mode:** Extends the coverage of an existing wireless network. This is the most common mode for eliminating Wi-Fi dead zones.

- **Access Point (AP) Mode:** Converts a wired network connection into a wireless one. Ideal for areas with only wired internet access.
- **Router Mode:** Functions as a primary router, creating a new private network.

You can switch between these modes during the web browser setup process or via the extender's web management interface.

1200Mbps Dual Band Performance for More 55+ Devices

Wireless to Wireless

Expand wireless range and enhance wireless signal, et the Wifi singals is strong in every place of home



Wireless to Wired

Make the desktop computers and TV use the Wifi network by the network cable



Image: Demonstrates the extender's capability for both wireless extension and wired device connectivity.

6. TROUBLESHOOTING

- **No Internet Access After Setup:** Ensure the extender is within range of your main router. Check if the Signal LED is solid. Verify the Wi-Fi password entered during setup is correct. Try restarting both your router and the extender.
- **Frequent Disconnections or Slow Speed:** Relocate the extender closer to your main router. Ensure there are no major obstructions or interference sources. Update your router's firmware. If using Repeater mode, ensure your main router's signal is strong enough.
- **Cannot Access Web Management Page:** Ensure your device is connected to the extender's Wi-Fi network.

Try clearing your browser's cache or using a different browser. Verify the correct IP address or domain name is being used.

- **Forgot Extender's Password:** Perform a factory reset by pressing and holding the reset button (usually a small pinhole) for 5-10 seconds until the LEDs flash. This will revert the extender to its default settings.

7. SPECIFICATIONS

Brand	Faber-Castell
Model	2024 WiFi Extender
Wireless Communication Standard	802.11ac
Data Transfer Rate	1200 Mbps (300Mbps 2.4GHz + 867Mbps 5GHz)
Frequency Bands Supported	2.4 GHz, 5 GHz
Range	Up to 10,000 square feet
Antennas	4 High-Gain External Antennas
Ethernet Ports	2 (LAN/WAN)
Special Features	1-Tap Setup (WPS), Multiple Operating Modes
Compatible Devices	Universal; compatible with various brands of routers and devices such as Roku, Fire Stick, Xbox/PS, doorbell cameras, garage doors, and smart plugs
Color	White

8. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Restarting:** If you experience performance issues, try restarting the extender by unplugging it from the power outlet for 10 seconds and then plugging it back in.

9. SAFETY INFORMATION

- Do not expose the device to water or moisture.
- Do not attempt to disassemble or repair the device yourself.
- Use only the power adapter provided or specified by the manufacturer.
- Keep the device away from heat sources and direct sunlight.
- Ensure proper ventilation around the device to prevent overheating.

10. WARRANTY AND SUPPORT

Faber-Castell provides a standard limited warranty for this product. For detailed warranty information, technical

support, or customer service, please refer to the contact information provided in your product packaging or visit the official Faber-Castell website. Please retain your proof of purchase for warranty claims.