

FRITZ! 1200 AX

FRITZ!Repeater 1200 AX User Manual

Model: 1200 AX

1. INTRODUCTION

The FRITZ!Repeater 1200 AX is designed to extend the range of your existing Wi-Fi network, providing faster and more reliable wireless connectivity throughout your home or office. Utilizing Wi-Fi 6 technology, it ensures high data rates and efficient distribution of bandwidth to all connected devices. This manual provides essential information for the proper installation, operation, and maintenance of your FRITZ!Repeater 1200 AX.

2. SAFETY INSTRUCTIONS

- Only use the device in dry indoor environments.
- Do not open the device casing. Repairs should only be performed by authorized personnel.
- Ensure proper ventilation; do not cover ventilation slots.
- Avoid placing the device near heat sources or in direct sunlight.
- Keep the device away from liquids and moisture.
- Use only the power adapter supplied with the device.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- FRITZ!Repeater 1200 AX
- LAN cable
- Installation instructions



Image: The retail box for the FRITZ!Repeater 1200 AX, showing the device and its key features.

4. PRODUCT OVERVIEW

The FRITZ!Repeater 1200 AX features a compact design with essential indicators and ports.

Front View



Image: Front view of the FRITZ!Repeater 1200 AX, showing the FRITZ! logo, an LED indicator, and the red 'Connect' button.

- **Connect Button:** Used for WPS (Wi-Fi Protected Setup) to quickly connect to your router.
- **LED Indicator:** Displays the operating status and signal strength.

Bottom View



Image: Bottom view of the FRITZ!Repeater 1200 AX, highlighting the Gigabit LAN port.

- **Gigabit LAN Port:** For connecting wired devices or establishing a LAN bridge.

5. SETUP

5.1 Initial Placement and Power On

1. Plug the FRITZ!Repeater 1200 AX into a power outlet near your FRITZ!Box or existing Wi-Fi router.
2. Wait for the LED indicator to show a stable status, indicating it is ready for connection.



Image: The FRITZ!Repeater 1200 AX plugged into a wall outlet, ready for setup.

5.2 Connecting to a FRITZ!Box (WPS)

For optimal performance and Mesh Wi-Fi integration, connect the repeater to a FRITZ!Box using WPS.

1. Plug the FRITZ!Repeater into a power outlet near your FRITZ!Box.
2. Press the **Connect** button on the FRITZ!Repeater for approximately 1 second. The LED will flash.
3. Within 2 minutes, press the **WPS** button on your FRITZ!Box. The FRITZ!Box's WLAN LED will flash.
4. Once connected, the FRITZ!Repeater's LED will show a stable signal strength indication.

5.3 Connecting to Other Routers (WPS)

If your router supports WPS, you can connect the repeater similarly:

1. Plug the FRITZ!Repeater into a power outlet near your router.
2. Press the **Connect** button on the FRITZ!Repeater for approximately 1 second. The LED will flash.
3. Within 2 minutes, activate WPS on your router (refer to your router's manual for specific instructions).
4. Once connected, the FRITZ!Repeater's LED will show a stable signal strength indication.

5.4 Optimal Placement

After initial setup, move the FRITZ!Repeater to a location that is roughly halfway between your router and the area where you need improved Wi-Fi coverage. Ensure the LED indicator shows good signal strength at the chosen location.

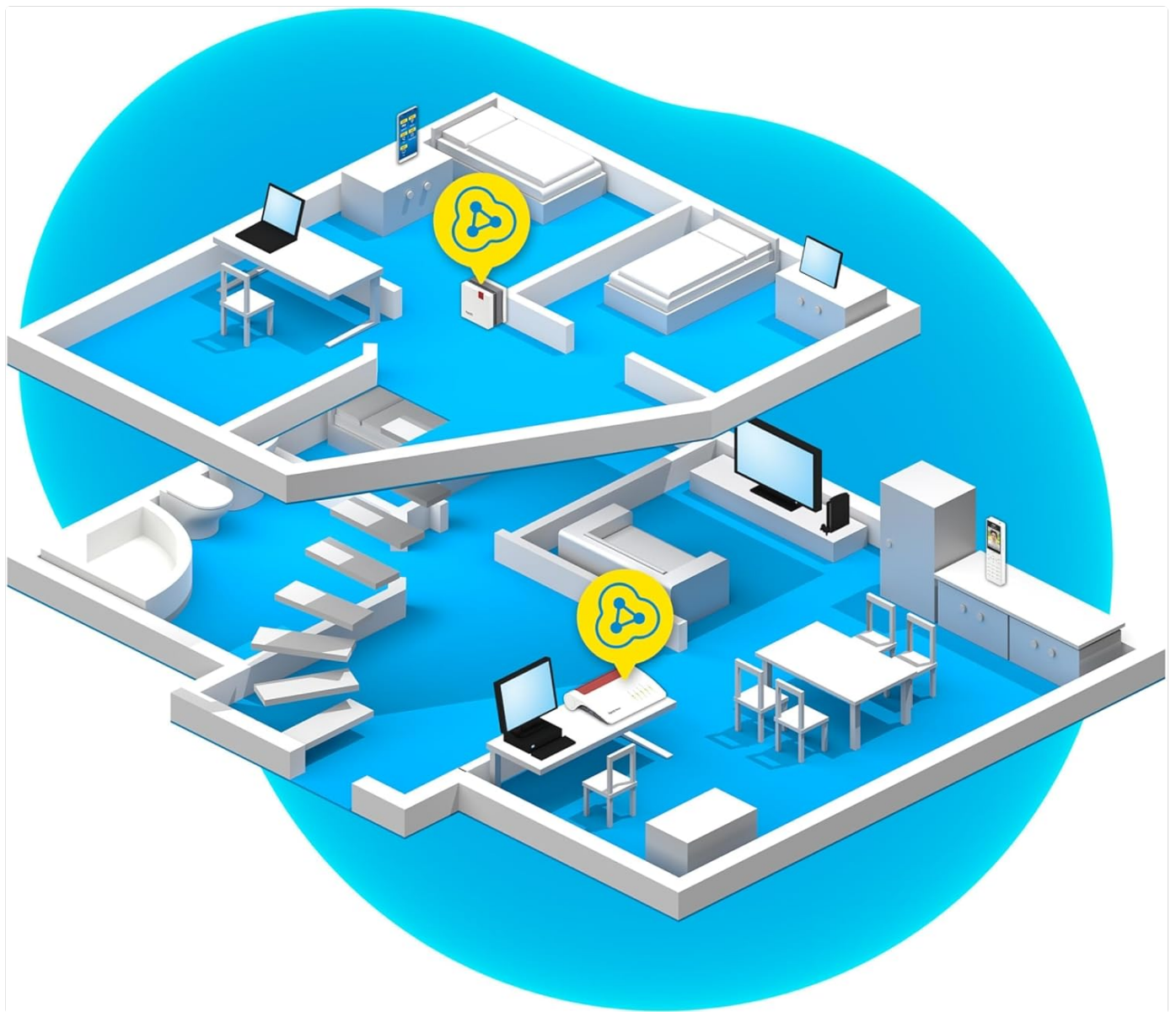


Image: A floor plan illustrating strategic placement of repeaters to extend Wi-Fi coverage across different rooms and floors.



Image: The FRITZ!Repeater 1200 AX discreetly mounted on a wall, blending into a home environment.

6. OPERATING

6.1 LED Indicator Status

- **Solid Green:** Optimal connection and operation.
- **Flashing Green:** Connecting or searching for a network.
- **Solid Red:** No connection or poor signal. Relocate the repeater closer to the router.

6.2 Mesh Wi-Fi Functionality

When connected to a FRITZ!Box, the FRITZ!Repeater 1200 AX integrates into a Mesh Wi-Fi network. This means all Wi-Fi access points combine into a single intelligent network, ensuring seamless roaming and optimal performance for your devices.

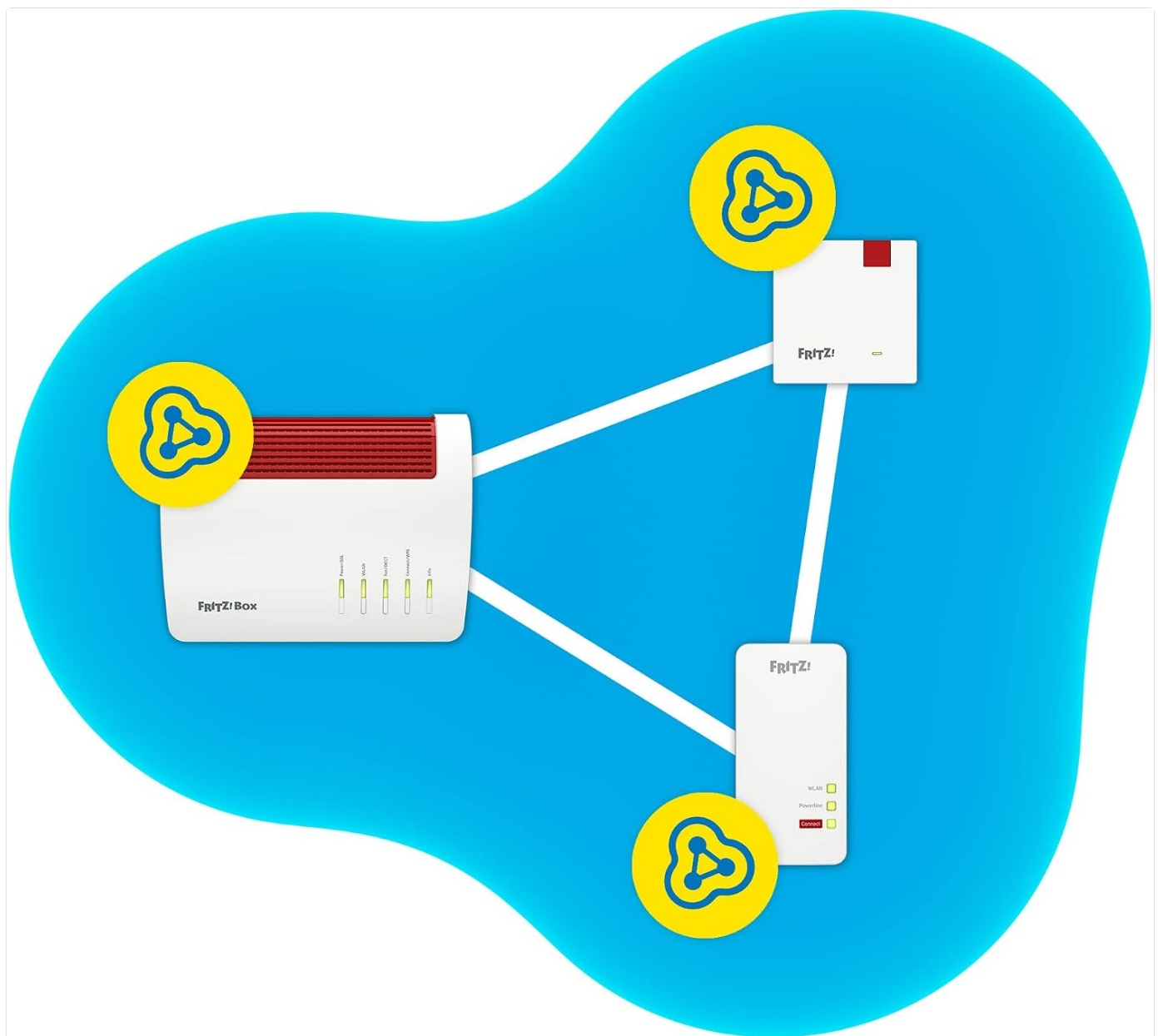


Image: A diagram illustrating a FRITZ! Mesh Wi-Fi network, with a central FRITZ!Box router connected to multiple FRITZ!Repeaters, creating a unified network.

6.3 Using the Gigabit LAN Port

The Gigabit LAN port can be used for two primary purposes:

- **Connecting Wired Devices:** Connect devices without Wi-Fi capability (e.g., smart TVs, gaming consoles, PCs) to the repeater via an Ethernet cable to integrate them into your network.
- **LAN Bridge Mode:** If your repeater is connected to the router via an Ethernet cable, it can function as a Wi-Fi access point, extending your wireless network with a wired backbone.

7. MAINTENANCE

7.1 Firmware Updates

Regularly update the repeater's firmware to ensure optimal performance, security, and access to new features. If connected to a FRITZ!Box, firmware updates are often managed automatically through the Mesh network. Otherwise, access the repeater's web interface (usually by typing <http://fritz.repeater> or its IP address into a browser) to check for and install updates.

7.2 Cleaning

Clean the device with a soft, dry cloth. Do not use liquid cleaners or solvents.

7.3 Resetting the Device

To reset the FRITZ!Repeater to factory settings, press and hold the **Connect** button for approximately 15 seconds until the LED indicator flashes rapidly. Release the button, and the device will restart with default settings.

8. TROUBLESHOOTING

- **No Connection (Red LED):**
 - Ensure the repeater is within range of your router. Try moving it closer.
 - Verify that your router's Wi-Fi is active.
 - Repeat the WPS connection process.
- **Slow Speed:**
 - Relocate the repeater to a position with better signal strength (check LED indicator).
 - Ensure there are no major obstructions (e.g., thick walls, metal objects) between the repeater and your devices or router.
 - Check for interference from other electronic devices.
- **Cannot Access Web Interface:**
 - Ensure your device is connected to the repeater's Wi-Fi network or via the LAN port.
 - Try accessing <http://fritz.repeater> or the repeater's IP address (check your router's network device list).
 - Temporarily disable any VPN or proxy settings on your computer.

9. SPECIFICATIONS

Feature	Detail
Model Number	20002973
Wireless Standard	802.11ax (Wi-Fi 6), 802.11ac, 802.11n, 802.11g, 802.11a
Data Transfer Rate	Up to 2400 Mbps (5 GHz), Up to 600 Mbps (2.4 GHz)
Frequency Band	Dual-Band (2.4 GHz and 5 GHz)
LAN Port	1 x Gigabit Ethernet (10/100/1000 Mbps)
Special Features	Wi-Fi 6, Mesh Technology, WPS
Dimensions (H x W x D)	3.15 x 3.15 x 1.46 inches
Weight	6.1 ounces

10. WARRANTY AND SUPPORT

Your FRITZ!Repeater 1200 AX comes with a manufacturer's warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official FRITZ! website. For technical support, firmware downloads, and additional resources, please visit the AVM support portal.

Online Support: en.avm.de/service/

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question