

AVM 20003021

FRITZ!Powerline 1240 AX WLAN Set Instruction Manual

Model: 20003021

INTRODUCTION

The FRITZ!Powerline 1240 AX WLAN Set provides a high-speed network connection using your existing electrical wiring. This manual will guide you through the setup, operation, and maintenance of your device, ensuring optimal performance and connectivity.

This set supports Wi-Fi 6 in the 2.4 GHz spectrum with up to 600 Mbps and Powerline data distribution over the mains at up to 1,200 Mbps. It integrates seamlessly with FRITZ!WLAN Mesh for extended network coverage.

PACKAGE CONTENTS

Please verify that all items are present in your package:

- FRITZ!Powerline 1240 AX Adapter
- FRITZ!Powerline 1210 Adapter (if included in set)
- Ethernet Cable
- Installation Guide



Image: The FRITZ!Powerline 1240 AX WLAN Set box, showing the two Powerline adapters and an Ethernet cable.

SETUP

Initial Setup

1. **Connect the first adapter:** Plug one FRITZ!Powerline adapter into a wall socket near your router. Connect it to your router using the provided Ethernet cable.
2. **Connect the second adapter:** Plug the second FRITZ!Powerline adapter into a wall socket in the room where you need network access.
3. **Establish connection:** The devices are securely encrypted and ready to use. They will automatically establish a connection. The Powerline LED on both adapters should illuminate steadily once connected.
4. **Enable Wi-Fi (if applicable):** If using the WLAN adapter, the WLAN LED will also illuminate. For initial Wi-Fi setup or to add to an existing FRITZ!WLAN Mesh, press the "Connect" button on the adapter.

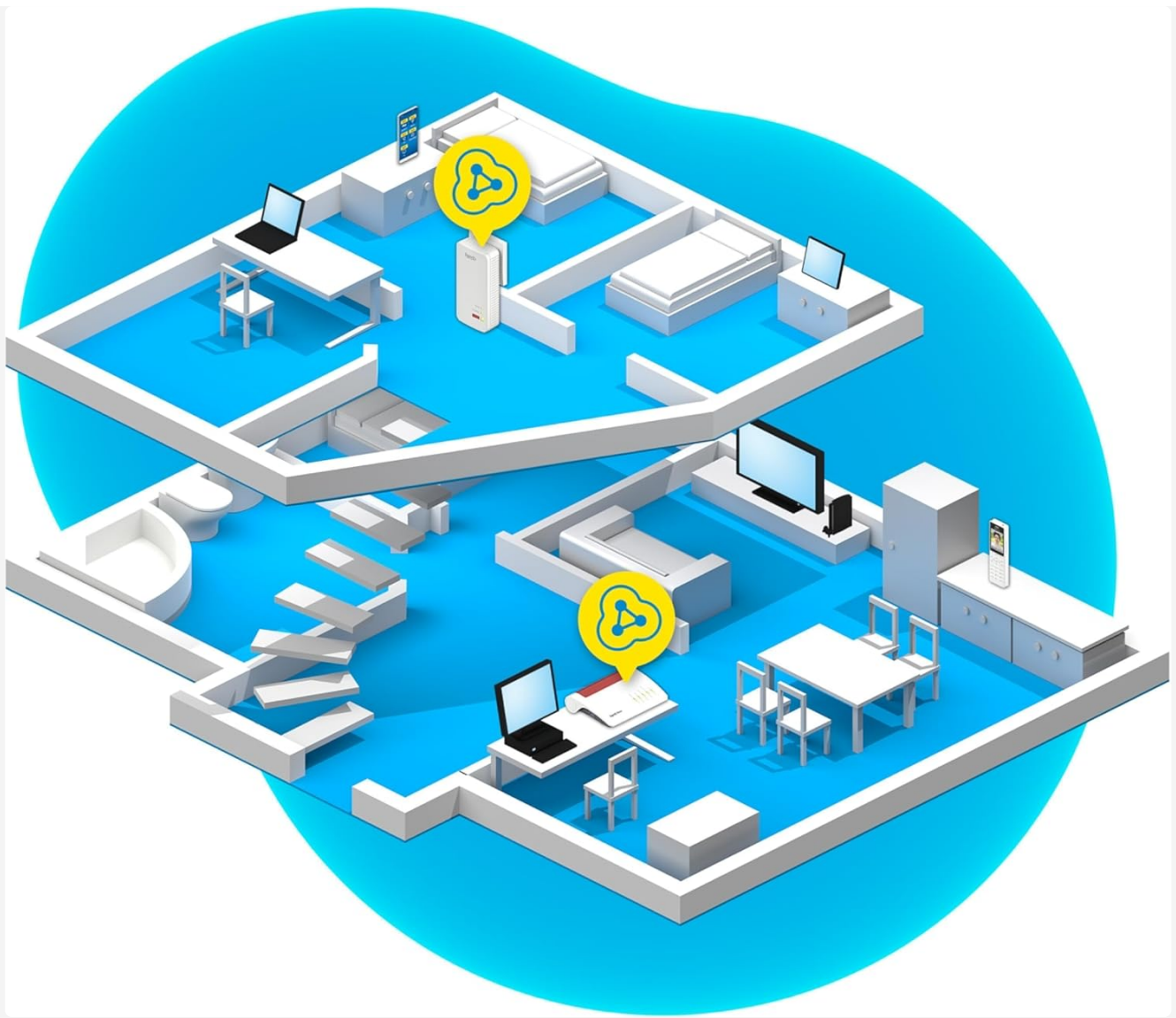


Image: A FRITZ!Powerline adapter plugged into a wall outlet, demonstrating the location of the "Connect" button for easy setup.

Expanding Your Network with WLAN Mesh

The FRITZ!Powerline 1240 AX supports WLAN Mesh, allowing all FRITZ! devices to work together in a single network, optimizing performance. To add the Powerline adapter to an existing FRITZ! Mesh network:

1. Ensure your FRITZ!Box is the Mesh Master.
2. Plug the FRITZ!Powerline 1240 AX into a wall socket.
3. Press the "Connect" button on the FRITZ!Powerline adapter.
4. Within 2 minutes, press the "Connect" or "WPS" button on your FRITZ!Box. The Powerline adapter will automatically adopt the Wi-Fi settings of your FRITZ!Box.

FRITZ!

NEU

FRITZ!Powerline 1240 AX WLAN Set



**WLAN in
jedem Raum**



**Stabile Verbindung
über die Stromleitung**



**Gigabit-LAN für PC, TV,
Konsole und mehr**

WLAN an jeder Steckdose

Image: An illustrative diagram showing how FRITZ!Powerline devices extend network coverage throughout a multi-story home using the electrical wiring, creating a seamless WLAN Mesh.

OPERATING INSTRUCTIONS

LED Indicators

- **WLAN LED:** Indicates Wi-Fi status. Solid green for active Wi-Fi, blinking for data transfer or WPS pairing.
- **Powerline LED:** Indicates Powerline connection status. Solid green for active Powerline connection, blinking for data transfer.
- **Connect Button LED:** Indicates pairing status.





Image: A detailed view of the FRITZ!Powerline 1240 AX adapter, highlighting the LED indicators for WLAN, Powerline, and the Connect button.

Connecting Devices

Once the Powerline connection is established, you can connect devices to the adapter:

- **Wired Devices:** Use an Ethernet cable to connect devices like PCs, Smart TVs, or game consoles to the Gigabit LAN port on the Powerline adapter.
- **Wireless Devices:** Connect smartphones, tablets, and laptops to the Wi-Fi network broadcast by the FRITZ!Powerline 1240 AX. If integrated into a Mesh network, use your existing FRITZ!Box Wi-Fi credentials.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Placement:** For optimal performance, plug the Powerline adapters directly into a wall socket. Avoid power strips, surge protectors, or extension cords, as these can interfere with the Powerline signal.
- **Firmware Updates:** Regularly check for firmware updates from the AVM website to ensure optimal performance and security. Updates can typically be managed through the FRITZ!Box interface or the FRITZ!Powerline software.

TROUBLESHOOTING

No Powerline Connection (Powerline LED off or blinking)

- Ensure both Powerline adapters are plugged directly into wall sockets and powered on.
- Try plugging the adapters into different wall sockets within the same electrical circuit.
- Avoid using power strips or surge protectors, as they can degrade the Powerline signal.
- If you have multiple electrical phases in your home, a phase coupler might be required for optimal performance across phases.

Slow Connection Speed

- Ensure adapters are not plugged into power strips.
- Minimize electrical interference from other devices (e.g., motors, dimmers) plugged into the same circuit.
- Check the quality of your electrical wiring. Older or poorly installed wiring can affect performance.
- Verify that the Powerline LED is solid green, indicating a strong connection.

Wi-Fi Issues (WLAN LED off or unstable)

- Ensure the WLAN function is enabled on the adapter.
- If part of a Mesh network, ensure the FRITZ!Box is functioning correctly and the Mesh connection is active.
- Try resetting the Wi-Fi settings on the Powerline adapter by pressing the "Connect" button for a few seconds.

SPECIFICATIONS

Feature	Detail
Model Number	20003021
Brand	AVM
Data Transfer Rate	Up to 1.2 Gigabits Per Second (Powerline), Up to 600 Mbps (Wi-Fi 6, 2.4 GHz)
Hardware Interface	Ethernet
Compatible Devices	Smart TV, Desktop, Tablet, Game Consoles, etc.
Color	White
Product Dimensions	2.8 x 1.26 x 5.79 inches
Item Weight	13.8 ounces (390 Grams)
First Available Date	November 17, 2023

WARRANTY AND SUPPORT

Warranty Information

AVM products typically come with a manufacturer's warranty. Please refer to the warranty card included in your product packaging or visit the official AVM website for detailed warranty terms and conditions specific to your region.

Technical Support

For technical assistance, troubleshooting, or further inquiries, please visit the official AVM support website. You can find FAQs, updated manuals, and contact information for customer support.

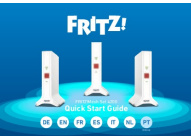
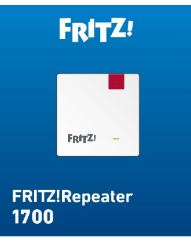
Official AVM Website: www.avm.de/en/

FRITZ!Powerline Support: www.avm.de/en/products/fritzpowerline/

WLAN Mesh Information: www.avm.de/en/mesh



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	FRITZ!Powerline 1240 AX WLAN Set Quick Start Guide This guide provides a quick start for setting up and using the FRITZ!Powerline 1240 AX WLAN Set, enhancing your home network with high-speed data transfer over the powerline.
	FRITZ!Mesh Set 1600 Handbuch: Ihr Leitfaden zur WLAN-Erweiterung Entdecken Sie das FRITZ!Mesh Set 1600 mit diesem umfassenden Handbuch von AVM. Erfahren Sie, wie Sie Ihr WLAN erweitern, Repeater einrichten und die Mesh-Technologie für optimale Konnektivität nutzen.
	FRITZ!Mesh Set 4200 Schnellstartanleitung Schnellstartanleitung für das FRITZ!Mesh Set 4200 zur einfachen Erweiterung und Optimierung Ihrer WLAN-Heimnetzwerkabdeckung. Enthält Anleitungen zur Einrichtung und Nutzung.
	FRITZ!Mesh Wi-Fi Set 4200 Quick Start Guide Get started quickly with the FRITZ!Mesh Wi-Fi Set 4200. This guide provides essential information for setting up and using your new mesh Wi-Fi system.
	FRITZ!Box 7590 Configuration and Operation Manual User manual for the AVM FRITZ!Box 7590, providing detailed instructions on setup, internet connectivity, Wi-Fi, telephony, and advanced features for optimal home network management.
	FRITZ!Repeater 1700 Handbuch: Einrichtung, Bedienung und Mesh-Funktionen Umfassendes Handbuch für den FRITZ!Repeater 1700 von AVM GmbH. Erfahren Sie, wie Sie Ihr WLAN erweitern, Mesh einrichten, das Gerät anschließen und konfigurieren.

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