

FRITZ 3000 AX Wi-Fi 6 Repeater with Three Radio



FRITZ 3000 AX Wi-Fi 6 Repeater with Three Radio User Guide

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FRITZ 3000 AX Wi-Fi 6 Repeater with Three Radio



INTRODUCTION

The FRITZ!Repeater 3000 AX


The FRITZ! Repeater 3000 AX extends the Wi-Fi network of a FRITZ!Box or any other wireless router. On its two LAN sockets, additional network devices can be connected to the FRITZ!Repeater, or it can be connected with a FRITZ!Box or another wireless router by cable.

Manual

- This quick guide includes important information for launching operation of your FRITZ!Repeater 3000 AX.
- All further information can be found in our manual and in the Knowledge Base at en.avm.de/service.

Wireless Routers from Other Manufacturers

- You can use the FRITZ!Repeater 3000 AX with routers from other manufacturers.
- For the sake of simplicity, this quick guide will refer to the FRITZ!Box, unless a given function is only supported by a certain type of device.




The FRITZ!Repeater 3000 AX supports Mesh  in combination with a FRITZ!Box with FRITZ!OS 7.0 (or higher).

In the Mesh of a FRITZ!Box, FRITZ! products with Wi-Fi functionality automatically adopt various settings to build an especially powerful Wi-Fi network. The Mesh Overview of the FRITZ!Box user interface presents information on the connections in the Mesh and allows you to update your FRITZ! products.





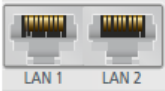
Security

- Operate the FRITZ!Repeater 3000 AX in a dry place that is free of dust and protected from direct sunlight, and provide for sufficient ventilation.
- The FRITZ!Repeater 3000 AX is intended for indoor use only. Never let liquids get inside the housing.
- Connect the FRITZ!Repeater 3000 AX to an easily accessible outlet.
- Do not open the FRITZ!Repeater 3000 AX housing. Opening and/or repairing the device can present a hazard.
- Unplug the FRITZ!Repeater 3000 AX from the outlet before cleaning. Clean the device using a moist cloth.

Package Contents

Name	Illustration
1 FRITZ!Repeater 3000 AX	
1 power adapter	
1 LAN cable	
1 quick guide	no illustration

Device Features

Name	Illustration	Function	Action/Meaning
Connect button		Establish connection	Press and hold for 1 second
		Connect with another access point	Press and hold for 6 seconds
		Load factory settings	Press and hold for 15 seconds
Connection Quality LED		On	Strong connectio
		On	Weak connection
		Flashing	Connection interrupted
Connect LED		Off	Wi-Fi disabled; a schedule may be configured
		On	Strong connectio
		Flashing	slowly (2 second intervals): not connected with FRITZ!Box, no Wi-Fi connection configured fast (twice per second): WPS, restart or update in progress
LAN ports		Off	Schedule enabled (wireless bridge)
		On	Connect network devices by cable

Connection Possibilities

You can connect the FRITZ!Repeater 3000 AX with a FRITZ!Box via Wi-Fi or using a LAN cable.

Wi-Fi connection to the FRITZ!Box if

LAN connection to the FRITZ!Box if

the FRITZ!Repeater is to be used within the Wi-Fi range of the FRITZ!Box

the FRITZ!Repeater is to be used outside the Wi-Fi range of the FRITZ!Box or another repeater in the home network

multiple network devices without Wi-Fi are to be integrated into the home network on the LAN ports of the repeater

it is possible to establish a LAN connection (for example using the existing cabling in your home)



[Continue reading](#)

[Continue reading](#)

Setting Up the Wi-Fi Connection

Action	Illustration
1 Connect the FRITZ!Repeater to an outlet close to the FRITZ!Box and wait until the Connect LED starts to flash slowly.	
2 Start the connection to the FRITZ!Repeater: Press the Connect button. The Connect LED flashes quickly.	
3 Start the connection on your FRITZ!Box: <ul style="list-style-type: none"> FRITZ!Box with Connect/WPS, Connect or WPS button: Press button briefly. The WLAN or Connect LED flashes. On a FRITZ!Box with the WLAN/WPS or WLAN button: Press the button for about 6 seconds until WLAN starts flashing. On another wireless router, press the button that starts WPS. 	
4 As soon as the Connect LED on the FRITZ!Repeater lights up permanently, the connection has been established. If the Connect LED starts flashing slowly again, repeat steps 2 and 3 of these instructions.	

- When the connection has been established, reposition the FRITZ!Repeater. [Continue reading](#).

- If the Wi-Fi connection cannot be established at the touch of a button, you will find alternative instructions in the PDF manual at en.avm.de/service.

Configuring a LAN Connection

The table shows how to configure a LAN connection between the FRITZ! Repeater and the FRITZ!Box on a computer. More configuration options can be found in our PDF manual at en.avm.de/service.

1	Plug the FRITZ!Repeater into an electrical outlet.
2	Connect the FRITZ!Repeater to your computer using a LAN cable and wait until the Connect LED starts flashing slowly.
3	Enter http://fritz.repeater in a web browser. The user interface of the FRITZ!Repeater appears.
4	Follow the instructions of the wizard in the user interface until configuration is complete, selecting LAN Bridge as the type of connection.
5	Connect the FRITZ!Repeater to your FRITZ!Box using a LAN cable. As soon as the Connection Quality and Connect LEDs light up permanently, the FRITZ!Repeater is ready for operation.

On a FRITZ!Box with FRITZ!OS 7.0 or higher, enable Mesh





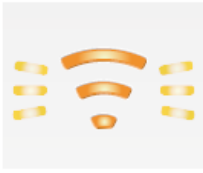



1	Press the Connect button on the FRITZ!Repeater. The Connect LED flashes.
2	<p>Within two minutes, confirm on your FRITZ!Box that Mesh has been enabled:</p> <ul style="list-style-type: none"> • FRITZ!Box with Connect/WPS or WPS button: Press button briefly • FRITZ!Box with WLAN/WPS or WLAN button: Press button for at least 6 seconds en.avm.de/mesh

Positioning the FRITZ!Repeater

Once you have configured a Wi-Fi connection to the FRITZ!Box for the FRITZ!Repeater, move the repeater to the desired location.

Connect the FRITZ!Repeater to an outlet located about halfway between the FRITZ!Box and the wireless devices for which the Wi-Fi network is to be extended. The FRITZ!Repeater and the FRITZ!Box reestablishes the configured connection automatically.

Connection quality	Display on the FRITZ!Repeater	
Strong connection		
Weak connection		
No connection		

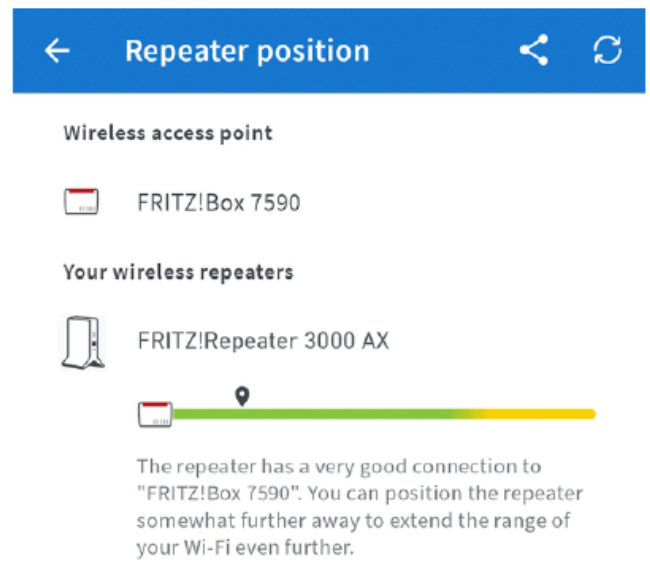
- If connection quality is insufficient, select an outlet closer to the FRITZ!Box.
- You can position the FRITZ!Repeater precisely using the FRITZ!App WLAN.

FRITZ!App WLAN

The FRITZ!App WLAN assists you in finding the ideal position for your FRITZ!Repeater. The FRITZ!App WLAN is available for your smartphone free of charge.





FRITZ!App WLAN
Find the ideal location for the
FRITZ!Repeater



- en.avm.de/products/fritzapps

Configuring the FRITZ!Repeater

FRITZ!Repeater on / Settings and Information

<p>FRITZ!Box with Mesh </p> <p>(FRITZ!OS 7.0 or higher)</p>	<p>The FRITZ!Repeater in the Mesh  automatically adopts all of the settings of the FRITZ!Box.</p> <p>Information on your repeater is available in the user interface of the FRITZ!Box http://fritz.box under Home Network > Mesh.</p>
<p>FRITZ!Box</p> <p>(FRITZ!OS 7.0 or earlier)</p>	<p>During WPS, the FRITZ!Repeater adopts the Wi-Fi network name and Wi-Fi password of the FRITZ!Box. Further settings can be configured via the user interface of the FRITZ!Repeater: http://fritz.repeater.</p>
<p>Wireless router</p> <p>from another manufacturer</p>	<p>During WPS, the FRITZ!Repeater adopts the Wi-Fi network name and Wi-Fi password of the wireless router. Further settings can be configured via the IP address user interface of the FRITZ!Repeater.</p> <ol style="list-style-type: none"> 1. Open the user interface of your wireless router. 2. Determine the IP address of the FRITZ!Repeater. 3. Enter the IP address of the FRITZ!Repeater in a web browser. <p>The user interface of the FRITZ!Repeater appears.</p>

Frequencies and Transmitter Power

Radio Frequencies and Transmitter Power

- 2.4 GHz – 2.483 GHz, maximum 100 mW
- 5.15 GHz – 5.35 GHz, maximum 200 mW
- 5.47 GHz – 5.725 GHz, maximum 1000 mW

In AT, BE, BG, CY, CZ, DE, DK, EE, EL, ES, FI, FR, HR, HU, IE, IT, LT, LU, LV, MT, NL, PL, PT, RO, SE, SI, SK, UK, NI, Wi-Fi between 5.15 GHz and 5.35 GHz may only be used indoors.

Legal Notice

EU Declaration of Conformity

- AVM hereby declares that the device is compliant with the Directive 2014/53 / EU.
- The full text of the EU declaration of conformity is available at en.avm.de/service/declarations.

UK Declaration of Conformity

- AVM hereby declares that the device is compliant with the Radio Equipment Regulations 2017 (S.I. 2017/1206).
- The full text of the UK declaration of conformity is available at en.avm.de/service/declarations.

Diagnostics Data

- To improve the product and ensure safe operation on your connection, AVM uses error reports and diagnostic data where needed.
- These settings can be changed in the user interface under Help and Info > AVM Services.

Legal Notice

- Legal information and licensing conditions are presented in the help of the user interface.

CONTACT

- Service avm.de/service
- Support avm.de/support

Social Media



- en.avm.de

PORTUGUESE


You can use the following QR code to open the Portuguese version of this guide quickly on your smartphone or tablet.

Use your computer or notebook to open the quick guide in Portuguese on our website pt.avm.de/servico/manual.



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Documents / Resources

	<p>FRITZ 3000 AX Wi-Fi 6 Repeater with Three Radio [pdf] User Guide 3000 AX Wi-Fi 6 Repeater with Three Radio, 3000 AX, Wi-Fi 6 Repeater with Three Radio, Repeater with Three Radio, Three Radio</p>
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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