Manuals+ — User Manuals Simplified.

AVM FRITZ!Box 7490 Wireless Router Quick Start Guide

Contents

AVM FRITZ!Box 7490 Wireless Router

Package Contents
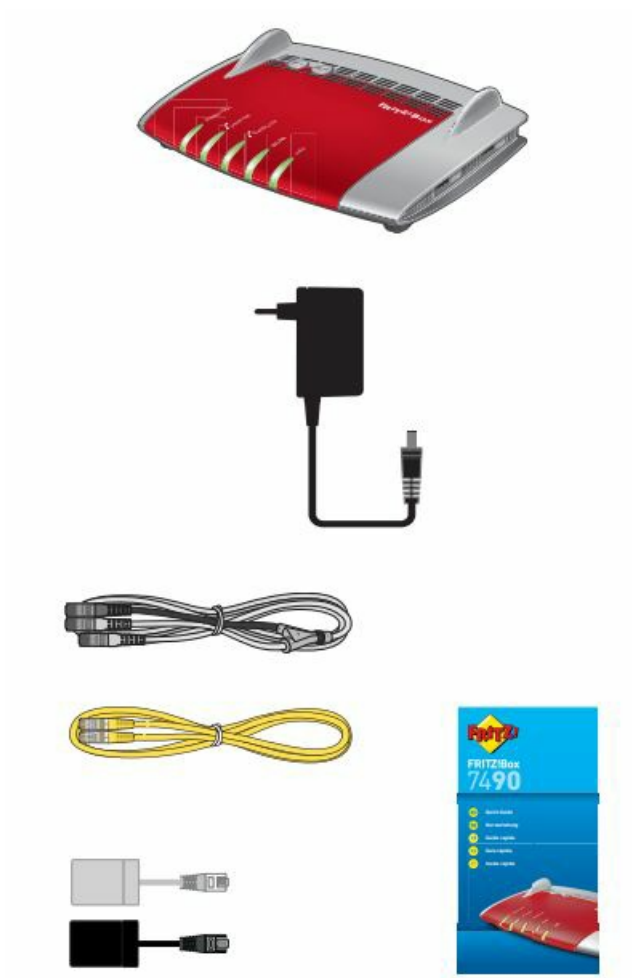
Safety Instructions

- Do not install the FRITZ!Box during an electrical storm.
- During a storm, disconnect the FRITZ!Box from the power supply and the Internet.
- The ventilation slits of the FRITZ!Box must never be obstructed.
- Do not place the FRITZ!Box on excessively heat-sensitive surfaces.
- Insert the the FRITZ!Box into an outlet that is easy to reach.
- The FRITZ!Box is intended only for indoor operation.

See also the security instructions in your FRITZ!Box manual.

Connecting to Electrical Power

Connect the FRITZ!Box to electrical power. The "Power/DSL" LED starts fl ashing.


Radio Frequency Specifi cations

- **DECT**
- 1880 MHz – 1900 MHz, max. 250 mW
- **WLAN /WiFi**
    - 2,4 GHz: 2,4 GHz – 2,483 GHz, max. 100 mW
    - 5 GHz: 5,15 GHz – 5,35 GHz, max. 200 mW, 5,47 GHz – 5,725 GHz, max. 1000 mW

In the 5-GHz band for wireless LAN, the range from 5.15 GHz to 5.35 GHz is intended only for indoor use. This restriction or requirement is effective in the EU member states 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

Set the Connection Type

Follow the above path if you have a DSL line and a landline.

Follow the below path if you have a DSL line only.
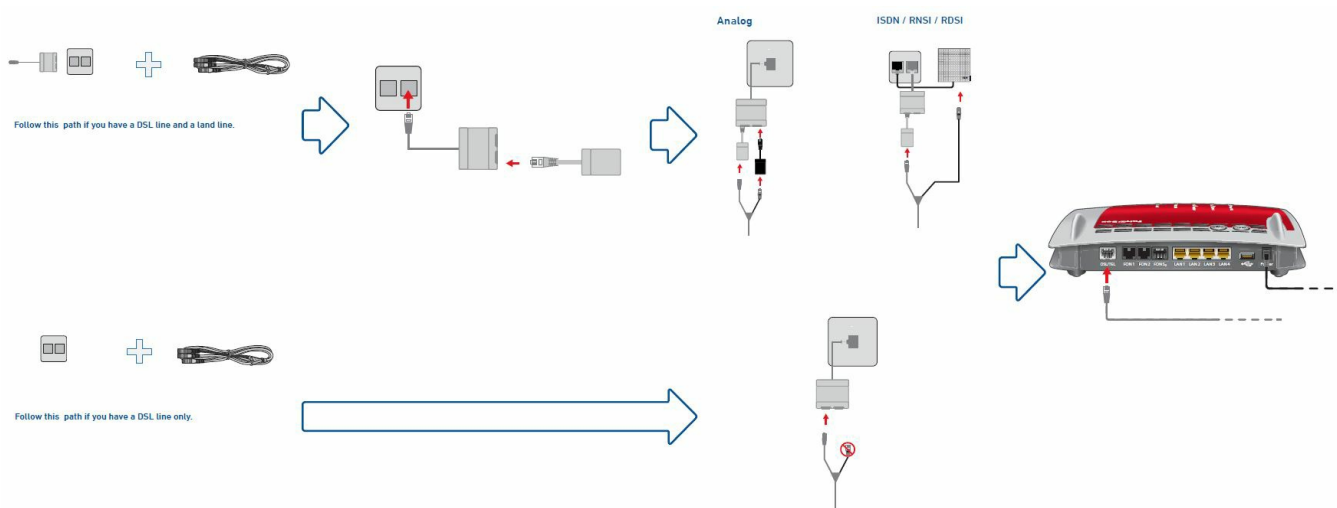
Connect Computers

You connect computers and other network devices with the FRITZ!Box either wirelessly via wireless LAN or using a network cable. You can establish the wireless LAN connection using WPS or by entering the FRITZ!Box network key on the wireless device.

- A computer can be connected to the FRITZ!Box using only one of these methods.

WPS

Computers with wireless LAN can be connected with the FRITZ!Box using WPS:

- Click the WLAN icon in the notifi cation area of the Windows taskbar.
- A list appears on the screen showing all wireless networks.
- Select the wireless network of your FRITZ!Box 7490 and click "Connect".
- Press the "WLAN/WPS" button on the FRITZ!Box 7490 until the "WLAN" LED begins fl ashing.

Connect Telephones

Connect analog devices to the sockets FON 1 or FON 2, and ISDN devices to the socket FON S0. You can register and configure a total of up to 6 cordless (DECT) telephones on the FRITZ!Box:

- Start your telephone.
- If you have a FRITZ!Fon, press the "DECT" button on the FRITZ!Box. The "Info" LED flashes and the FRITZ!Fon is registered immediately.
- Telephones from other manufacturers must fi rst be made ready for registration; then enter the PIN of the FRITZ!Box on the telephone (a value of "0000" is preconfigured) before concluding registration with the "DECT" button.

Internet
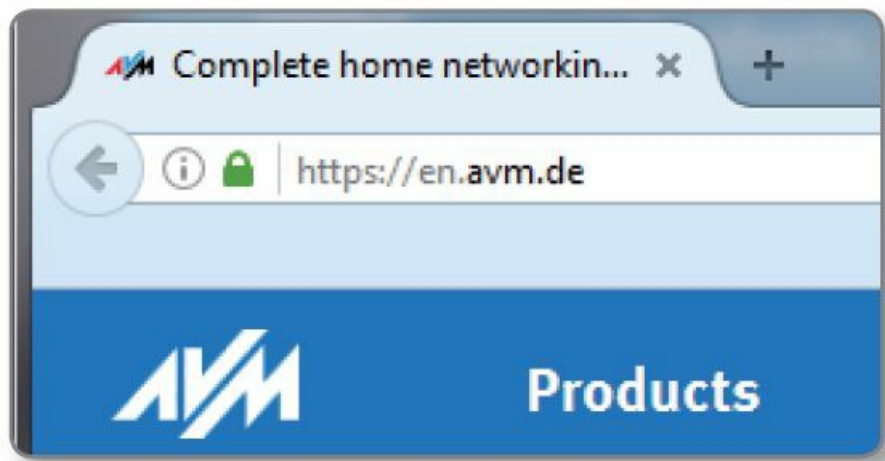
- The FRITZ!Box has a user interface for device settings, which can be opened in any web browser by entering **http://fritz.box**.
- Enter a web address to start surfing.

LED

Power/ DSL	Internet	Fixed Line	WLAN	Info
flashing	You have new messages in your inbox	A telephone connection over the landline network is active	Applying wireless LAN settings, switching the wireless LAN function on or off, performing WPS or WPS aborted	green: Updating FRITZ!OS, Stick & Surf procedure in progress, freely configurable
on	FRITZ!Box is ready for operation		Wireless network settings active	red: An error occurred. Open a web browser and enter **http://fritz.box**

Service

Service information and help can be found on our website and in the social networks:

1. **Service: en.avm.de/service**
2. **Manuals: en.avm.de/service/manuals**
3. **Guides: en.avm.de/guide**
4. **Downloads: en.avm.de/nc/service/downloads**

5. **Support Request: en.avm.de/service/support-request/your-support-request**

6. **Social networks:**

Legal notices and technical specifications are presented in the help and **manual**

CE

AVM declares herewith that the device is compliant with the basic requirements and the relevant rules in directives 2014/53/EU, 2009/125/EC and 2011/65/EU.

The long version of the declaration of CE conformity is available at **http://en.avm.de/ce**.

GUA 56,5 x 56,5 mm

PEFC
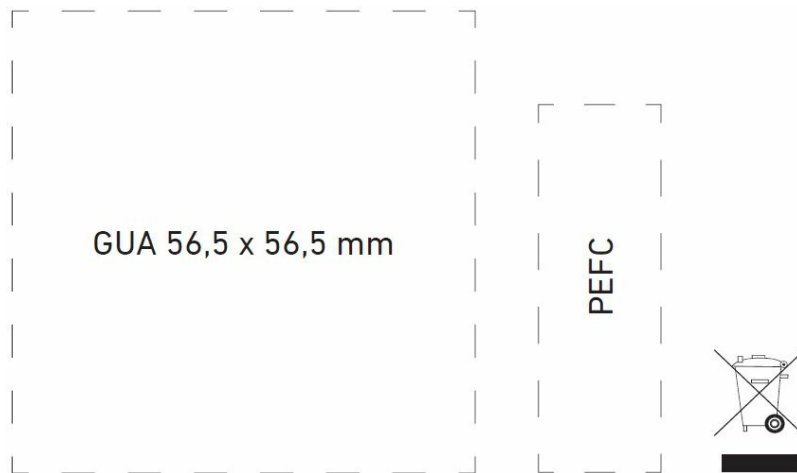
- © AVM Computersysteme Vertriebs GmbH
- Documentation release 010/2019
- 521412008

Frequently Asked Questions

What is the FRITZ!Box 7490?

The FRITZ!Box 7490 is a wireless router that serves as the hub of your home network. It connects your computers and network devices to the Internet and supports various technologies such as WLAN and DECT.

How do I connect the FRITZ!Box 7490 to electrical power?

Connect the FRITZ!Box to the power supply and ensure that the Power/DSL LED starts flashing, indicating that it's powered on.

Can I use the FRITZ!Box 7490 wirelessly?

Yes, you can connect devices wirelessly via WLAN. You can use WPS for easy setup or enter the FRITZ!Box network key on the wireless device.

How do I connect telephones to the FRITZ!Box 7490?

Connect analog devices to FON 1 or FON 2, and ISDN devices to FON S0. Up to 6 DECT telephones can be registered.

Can I use the FRITZ!Box 7490 with a DSL or VDSL connection?

Yes, the FRITZ!Box 7490 supports DSL and VDSL connections, providing high-speed Internet access.

What is the range of the wireless LAN (WLAN) on the FRITZ!Box 7490?

The WLAN operates in both 2.4 GHz and 5 GHz frequency bands. The range for the 5 GHz band for wireless LAN is intended for indoor use within the EU member states.

How many devices can be connected to the FRITZ!Box wirelessly?

The FRITZ!Box 7490 can connect multiple devices wirelessly, and the exact number depends on the specific environment and usage. Up to 6 DECT telephones can be registered.

How often should I update the FRITZ!OS (Firmware)?

It is recommended to keep the FRITZ!OS up to date. Check for updates regularly to ensure you have the latest features, improvements, and security patches.

Can I use the FRITZ!Box 7490 for home automation with AVM smart home devices?

Yes, you can expand the functionality of your FRITZ!Box with AVM smart home devices for home automation.

What are the system requirements for operating the FRITZ!Box 7490?

To operate the FRITZ!Box, you need an up-to-date web browser supporting HTML5 and a connection to the Internet. The specific connection requirements depend on your Internet service (DSL, VDSL, cable, etc.).

How do I establish a VPN (Virtual Private Network) with the FRITZ!Box 7490?

The FRITZ!Box supports VPN functionality. Refer to the FRITZ!Box manual or online guides for detailed instructions on setting up a VPN connection.

Can I use the FRITZ!Box 7490 with a cable modem for Internet access?

Yes, the FRITZ!Box supports an Internet cable access option with a cable modem.

How do I configure parental control and filter lists on the FAVM FRITZ!Box 7490?

The FRITZ!Box includes parental control features and filter lists. Access the user interface and navigate to the relevant settings to configure parental controls.

What is the average power consumption of the AVM FRITZ!Box 7490?

The average power consumption of the FRITZ!Box is 9.3 W under specific conditions.

Can I use the AVM FRITZ!Box 7490 with Voice over IP (VoIP) services?

Yes, the FRITZ!Box supports Voice over IP (VoIP) technology. You can connect compatible telephones and make calls over the Internet.

Reference: [AVM FRITZ!Box 7490 Wireless Router Quick Start Guide-device.report](#)

References

- **[User Manual](#)**