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› [AVM](#) /

› Fritz Box 6690 Cable Wireless Router User Manual

AVM 20002965

Fritz Box 6690 Cable Wireless Router User Manual

Model: 20002965

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your AVM Fritz Box 6690 Cable Wireless Router. This device is a high-performance Gigabit Ethernet dual-band (2.4 GHz / 5 GHz) router designed for reliable and fast internet connectivity in your home or office environment.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- Fritz Box 6690 Cable Wireless Router
- Keyboard
- Power Adapter
- Ethernet Cable
- Coaxial Cable (for cable connection)

Note: The inclusion of a "Keyboard" is based on product data. Please refer to your specific product packaging for exact contents.

3. PRODUCT OVERVIEW

The Fritz Box 6690 Cable features a robust design with clear indicators and multiple connectivity options.



Figure 3.1: Front view of the Fritz Box 6690 Cable router. The front panel features LED indicators for Info, Connect, Fon, WLAN, and Power/Cable, along with "Connect" and "WLAN" buttons.



Figure 3.2: The Fritz Box 6690 Cable router highlighting its Wi-Fi 6 capability, indicating support for the latest wireless standard for faster and more efficient connections.

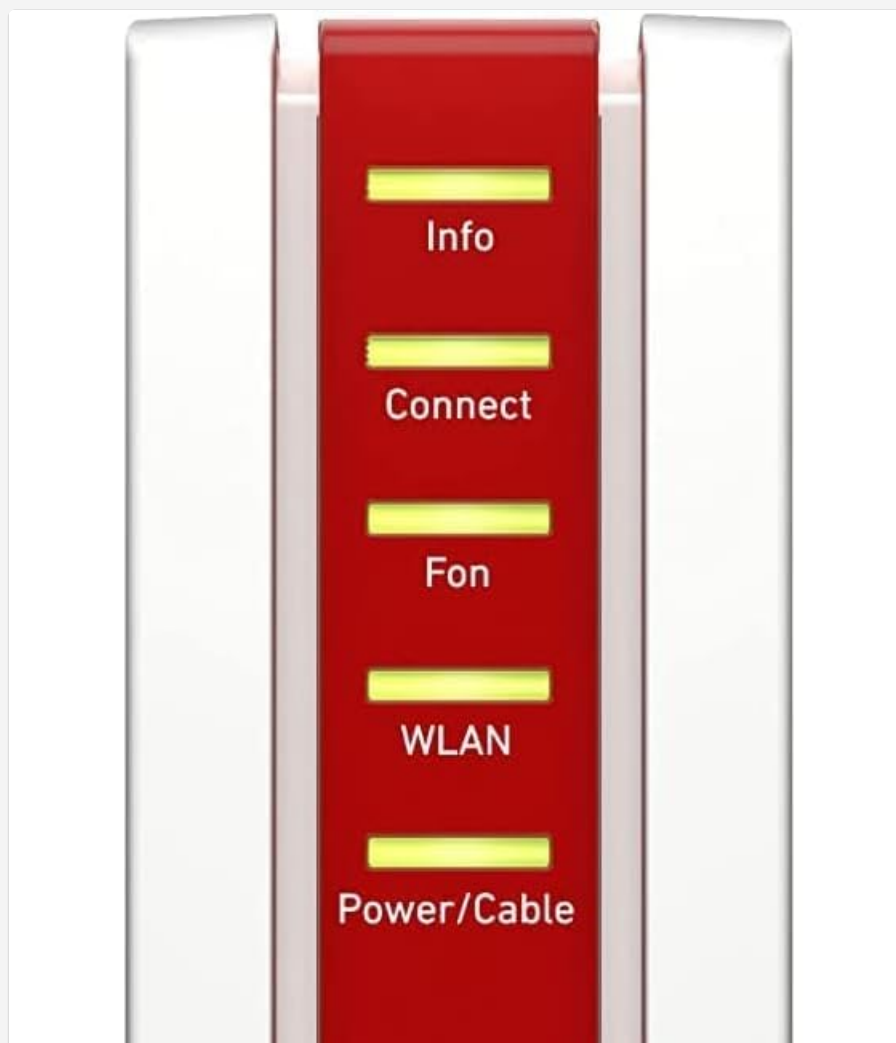




Figure 3.3: Detailed view of the LED indicators on the Fritz Box 6690 Cable. These LEDs provide status information for various functions: Info, Connect, Fon (telephony), WLAN (Wi-Fi), and Power/Cable.

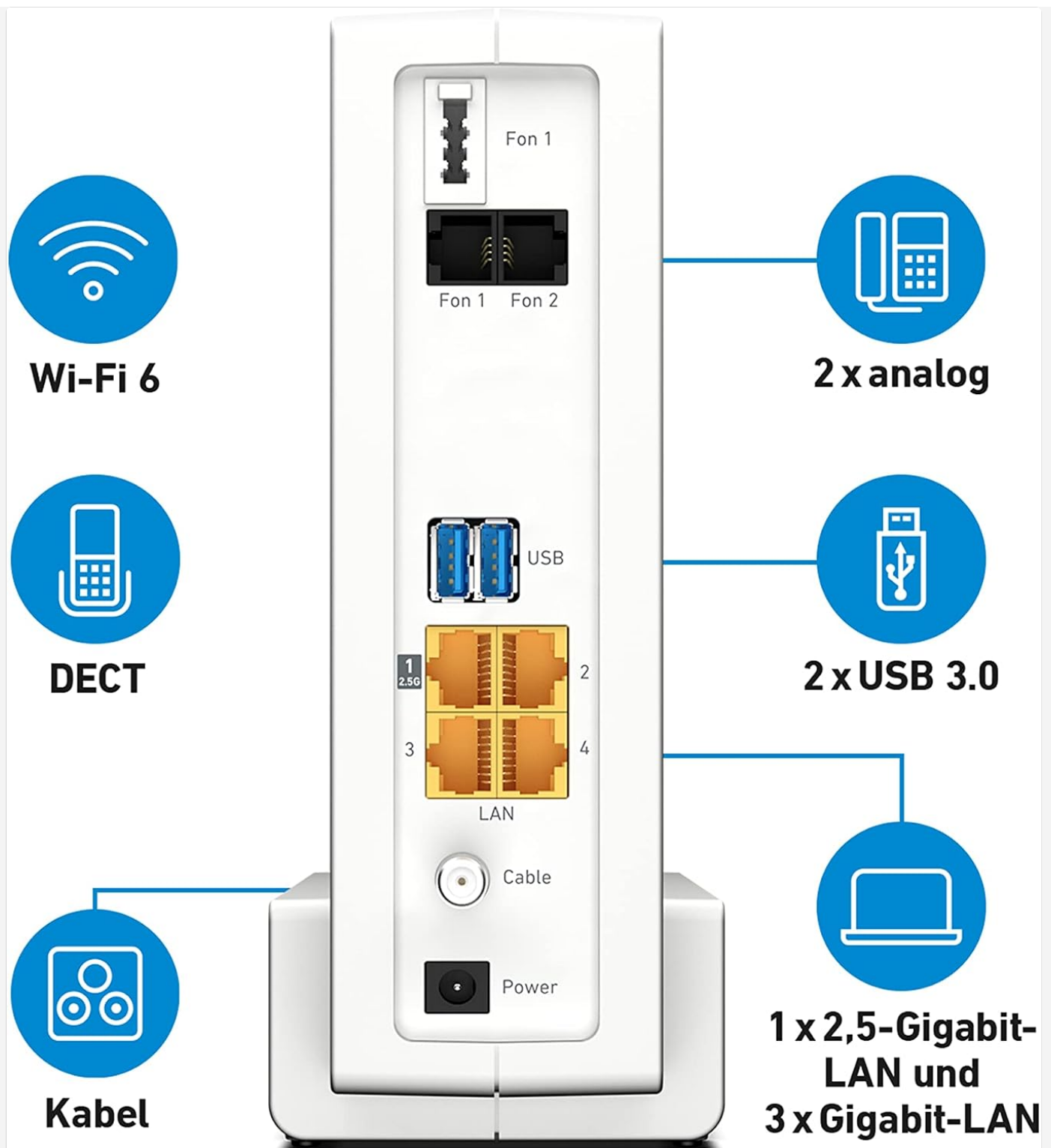


Figure 3.4: Rear view of the Fritz Box 6690 Cable router. This image illustrates the various connection ports including two analog phone ports (Fon 1, Fon 2), two USB 3.0 ports, one 2.5-Gigabit LAN port, three Gigabit LAN ports, a coaxial cable input, and the power input.

4. SETUP

Follow these steps to set up your Fritz Box 6690 Cable router:

1. **Connect to Cable Outlet:** Connect the coaxial cable from your wall cable outlet to the "Cable" port on the back of the Fritz Box.
2. **Connect Power:** Plug the power adapter into the "Power" port on the router and then into an electrical outlet. The "Power/Cable" LED will begin to flash.
3. **Wait for Connection:** Wait for the "Power/Cable" LED to become solid green, indicating a successful connection to your internet service provider. This may take several minutes.

4. Connect Devices:

- **Wired Connection:** Connect your computer or other network devices to one of the "LAN" ports (1-4) on the back of the router using an Ethernet cable.
 - **Wireless Connection:** On your Wi-Fi enabled device (laptop, smartphone, tablet), search for available Wi-Fi networks. Select the network name (SSID) found on the label on the bottom of your Fritz Box and enter the Wi-Fi password (WPA2 key) also found on the label.
5. **Access Router Interface:** Open a web browser and enter <http://fritz.box> or <http://192.168.178.1> into the address bar. Follow the on-screen instructions for initial configuration, including setting up your internet access and Wi-Fi settings.
 6. **Connect Telephones (Optional):** If you have analog telephones, connect them to the "Fon 1" or "Fon 2" ports.
 7. **Connect USB Devices (Optional):** Connect USB storage devices or printers to the USB 3.0 ports for network sharing.

5. OPERATING INSTRUCTIONS

Once your Fritz Box 6690 Cable is set up, you can manage its functions through the web interface.

- **Wi-Fi Management:**

Access the web interface to change your Wi-Fi network name (SSID), password, and security settings. You can also enable or disable the guest Wi-Fi network.

- **Telephony Features:**

Configure internet telephony (VoIP) accounts, set up answering machines, and manage call diversions through the "Telephony" menu.

- **Network Storage (NAS):**

If you connect a USB storage device, you can configure it as network-attached storage (NAS) to share files across your network.

- **Parental Control:**

Set up internet access profiles for individual devices or users, including time limits and content filters.

- **Firmware Updates:**

Regularly check for and install firmware updates via the web interface to ensure optimal performance and security.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your router.

- **Cleaning:**

Gently wipe the exterior of the router with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure ventilation openings are free from dust and obstructions.

- **Placement:**

Place the router in a central location, away from direct sunlight, heat sources, and large metal objects that could interfere with Wi-Fi signals. Ensure adequate airflow around the device.

- **Firmware Updates:**

Regularly check for and install the latest firmware updates from the AVM website or through the router's web interface. Firmware updates often include performance improvements, security patches, and new features.

- **Restarting:**

If you experience connectivity issues, try restarting the router by unplugging the power adapter for 10 seconds and then plugging it back in.

7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
No Internet Connection	"Power/Cable" LED is flashing or off.	Check coaxial cable connection. Contact your internet service provider if the LED does not become solid green after several minutes.
Wi-Fi Not Visible or Connectable	WLAN LED is off or flashing. Incorrect Wi-Fi settings.	Press the "WLAN" button on the router. Verify Wi-Fi settings (SSID, password) in the router's web interface. Ensure Wi-Fi is enabled.
Slow Internet Speed	Interference, outdated firmware, too many devices.	Relocate router to a central position. Update firmware. Reduce number of active devices or consider upgrading your internet plan.
Cannot Access Router Web Interface	Incorrect IP address, network configuration issue.	Ensure your device is connected to the router (wired or wireless). Try http://fritz.box or http://192.168.178.1 . Restart router and computer.

8. SPECIFICATIONS

Key technical specifications for the Fritz Box 6690 Cable Wireless Router:

Brand	AVM
Model Name	AVM FRITZ Box 6690 Cable wireless router Gigabit Ethernet Dual-band (2.4 GHz / 5 GHz) White
Item Model Number	20002965
Product Dimensions	8.23 x 3.35 x 10.75 inches
Item Weight	2.28 pounds
Connectivity Technology	Ethernet
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band (2.4 GHz / 5 GHz)
Frequency	5 GHz
Special Feature	WPS
Compatible Devices	Personal Computer

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official AVM website or contact AVM customer service directly. Details regarding warranty periods and support channels are typically provided with your purchase documentation or on the manufacturer's website.

AVM Official Website: <https://en.avm.de/>

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