Fritz FRITZ!Box 6660 Cable

FRITZ!Box 6660 Cable User Manual

Model: FRITZ!Box 6660 Cable
Brand: Fritz

1. PRODUCT OVERVIEW

The FRITZ!Box 6660 Cable is a high-performance router designed for cable internet connections. It integrates a DOCSIS 3.1 cable modem, ensuring compatibility with modern cable networks and delivering high-speed internet access. This device supports the latest Wi-Fi 6 (802.11ax) standard, providing fast and stable wireless connectivity for numerous devices in your home network.

Key features include:

- Integrated DOCSIS 3.1 cable modem, backward compatible with DOCSIS 3.0.
- Dual-band Wi-Fi 6 (AX) with speeds up to 2,400 MBit/s (5 GHz) and 600 MBit/s (2.4 GHz).
- Mesh Master functionality for creating a seamless, intelligent Wi-Fi network with other FRITZ! devices.
- VoIP telephone system with support for analog, DECT, and IP phones, including a DECT base for up to 6 cordless phones.
- Multiple LAN ports: 4 Gigabit LAN ports and 1 ultra-fast 2.5 Gigabit LAN port.
- USB 2.0 port for connecting printers or storage devices, enabling an integrated media server (UPnP AV).

Figure 1.1: Front view of the FRITZ!Box 6660 Cable, showcasing its sleek design and LED indicators.

Figure 1.2: The FRITZ!Box 6660 Cable seamlessly integrated into a modern living room, providing connectivity for multiple users.

2. SETUP GUIDE

This section provides step-by-step instructions for setting up your FRITZ!Box 6660 Cable.

2.1 Package Contents

Before you begin, ensure all components are present:

- FRITZ!Box 6660 Cable
- Power Supply Unit
- 1.5 Meter Coaxial Cable
- 1.5 Meter LAN Cable
- Installation Guide (this manual)

2.2 Connecting Your FRITZ!Box

Follow these steps to connect your device:

1. **Connect to Cable Outlet:** Use the provided coaxial cable to connect the "Cable" port on your FRITZ!Box to your cable wall outlet. Ensure a secure connection.

2. **Connect Power:** Plug the power supply unit into the "Power" port on the FRITZ!Box and then into an electrical outlet. The "Power/Cable" LED on the front of the FRITZ!Box will begin to flash.

3. **Connect to Computer (Optional):** For initial configuration or wired internet access, connect one end of the provided LAN cable to any of the yellow "LAN" ports on the FRITZ!Box and the other end to your computer's network port.

4. **Wait for Connection:** Allow a few minutes for the FRITZ!Box to establish a connection with your cable provider. The "Power/Cable" LED will turn solid green once the connection is active.

Figure 2.1: Diagram showing how to connect the FRITZ!Box 6660 Cable to a cable wall outlet.
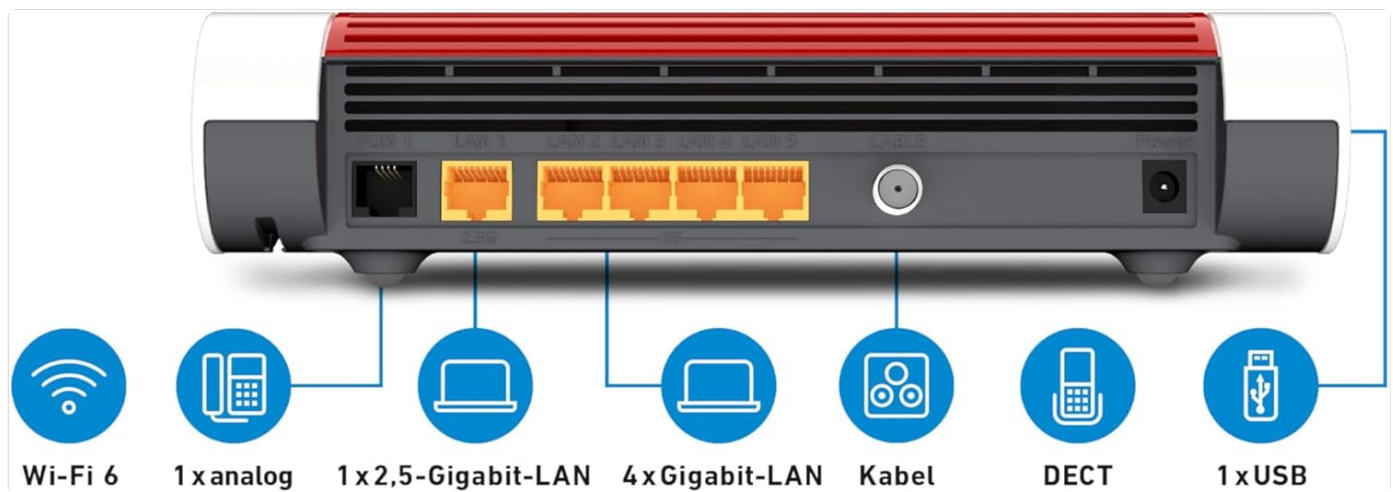
Figure 2.2: Rear view of the FRITZ!Box 6660 Cable, highlighting the various ports including LAN, Cable, Power, and USB.

2.3 Initial Configuration

Once connected, open a web browser on a device connected to the FRITZ!Box (either via LAN or Wi-Fi using the default Wi-Fi key found on the device label). Enter **http://fritz.box** or **192.168.178.1** into the address bar. Follow the on-screen wizard to complete the setup, including entering your internet access data provided by your cable provider.

3. OPERATING YOUR FRITZ!BOX

3.1 Wi-Fi Connectivity (Wi-Fi 6)

The FRITZ!Box 6660 Cable supports Wi-Fi 6 (802.11ax) for enhanced speed and efficiency. The default Wi-Fi network name (SSID) and password are printed on the bottom of your FRITZ!Box. You can change these settings via the FRITZ!Box user interface.

- **Connecting Devices:** Search for the FRITZ!Box Wi-Fi network on your device (smartphone, laptop, tablet) and enter the Wi-Fi password.
- **WPS (Wi-Fi Protected Setup):** Press the "Connect/WPS" button on the FRITZ!Box for a few seconds to quickly connect WPS-compatible devices without entering the password.
- **Guest Wi-Fi:** Activate a separate guest Wi-Fi network from the user interface to provide internet access to visitors without giving them access to your main network.

Figure 3.1: The FRITZ!Box 6660 Cable highlighting its Wi-Fi 6 capability, ensuring high-speed wireless performance.

3.2 Mesh Wi-Fi

The FRITZ!Box 6660 Cable acts as a Mesh Master, combining all FRITZ! devices (like FRITZ!Repeater and FRITZ!Powerline) into a single, intelligent Wi-Fi network. This ensures optimal Wi-Fi coverage and performance throughout your home.

- **Adding Mesh Devices:** Simply connect compatible FRITZ!Repeater or FRITZ!Powerline devices to your network, and they will automatically integrate into the Mesh.
- **Central Management:** Manage your entire Mesh network from the FRITZ!Box user interface.

Figure 3.2: Visual representation of the FRITZ!Box Mesh Wi-Fi system, showing how devices work together for seamless coverage.

3.3 Telephony Functions

The integrated VoIP telephone system supports various types of phones:

- **Analog Phones:** Connect an analog telephone to the "FON 1" port.
- **DECT Cordless Phones:** The FRITZ!Box has a DECT base station for up to 6 cordless phones (e.g., FRITZ!Fon models). Register your DECT phone via the user interface or by pressing the "DECT" button on the FRITZ!Box.
- **IP Telephones:** Configure IP phones via the FRITZ!Box user interface.

3.4 Media Server and USB Functions

The USB 2.0 port allows you to connect external storage devices (USB sticks, hard drives) or printers. The integrated media server (UPnP AV) makes content on connected storage devices accessible to all devices in your home network,

such as smart TVs, media players, or computers.

- **Storage:** Connect a USB storage device to the USB port. Files can then be accessed via network shares or the media server.
- **Printer:** Connect a USB printer to the USB port to make it a network printer accessible to all connected devices.

4. MAINTENANCE

Regular maintenance ensures optimal performance and security of your FRITZ!Box.

- **Software Updates:** The FRITZ!Box automatically checks for and installs new firmware updates. It is recommended to keep your device updated to benefit from new features, performance improvements, and security enhancements. You can manually check for updates via the user interface under "System" > "Update".
- **Cleaning:** Gently clean the exterior of the FRITZ!Box with a soft, dry cloth. Do not use liquid cleaners or abrasive materials. Ensure ventilation slots are free from dust to prevent overheating.
- **Restarting:** If you experience minor issues, a simple restart of the FRITZ!Box (by unplugging the power cord for 10 seconds and plugging it back in) can often resolve them.

5. TROUBLESHOOTING

This section addresses common issues you might encounter and provides solutions.

5.1 No Internet Connection

- **Check Cable Connection:** Ensure the coaxial cable is securely connected to both the FRITZ!Box and the wall outlet.
- **Check Power/Cable LED:** The "Power/Cable" LED should be solid green. If it's flashing or off, there might be an issue with your cable connection or provider. Contact your cable provider if the LED does not turn solid green after several minutes.
- **Verify Account Information:** Ensure your internet access data (if required by your provider) is correctly entered in the FRITZ!Box user interface.
- **Restart FRITZ!Box:** Disconnect the power supply for 10 seconds, then reconnect it.

5.2 Wi-Fi Issues (Slow Speed or Disconnections)

- **Signal Strength:** Move closer to the FRITZ!Box or consider adding a FRITZ!Repeater to extend Wi-Fi coverage.
- **Interference:** Other electronic devices (microwaves, cordless phones) can interfere with Wi-Fi. Try changing the Wi-Fi channel in the FRITZ!Box user interface.
- **Firmware Update:** Ensure your FRITZ!Box firmware is up to date.
- **Mesh Network:** If you have multiple FRITZ! devices, ensure they are properly integrated into the Mesh network.

5.3 Telephone Not Working

- **Check Connection:** Ensure the telephone is correctly plugged into the "FON 1" port or properly registered if it's a DECT phone.
- **Configuration:** Verify the telephone numbers and settings in the FRITZ!Box user interface.
- **DECT Registration:** For DECT phones, ensure they are registered with the FRITZ!Box. Press the "DECT" button on the FRITZ!Box until the "FON/DECT" LED flashes.

6. SPECIFICATIONS

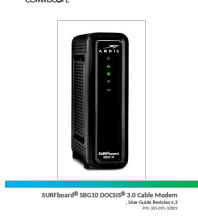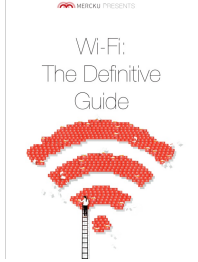| Feature	Detail
Model Name	FRITZ!Box 6660 Cable
Brand	Fritz
Connectivity Technology	Ethernet, WLAN, DECT
Wireless Communication Standard	802.11a (Wi-Fi 6 / AX)
Frequency Band Class	Dual-band (2.4 GHz, 5 GHz)
LAN Ports	4 x Gigabit LAN, 1 x 2.5 Gigabit LAN
USB Ports	1 x USB 2.0
Telephone Ports	1 x Analog (TAE F-Stecker and RJ11), DECT base for up to 6 cordless phones
Dimensions (L x W x H)	25.4 x 19.1 x 6.3 cm
Weight	1.1 Kilograms
Operating System Compatibility	All operating systems (e.g., Windows, Linux, macOS, iOS, Android)
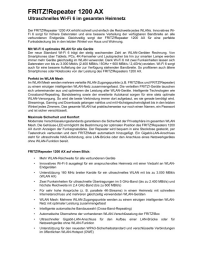
7. WARRANTY AND SUPPORT

AVM, the manufacturer of FRITZ!Box products, is committed to providing high-quality devices and excellent customer support.

- **Warranty:** Specific warranty terms may vary by region and retailer. Please refer to the warranty card included with your product or visit the official AVM website for detailed warranty information.
- **Software Updates:** AVM provides free software updates for its products, ensuring long-term functionality, security, and new features.
- **Technical Support:** For technical assistance, troubleshooting, or further inquiries, please visit the official AVM support website or contact their customer service.
- **Online Resources:** Comprehensive FAQs, manuals, and support forums are available on the AVM website to help you with your FRITZ!Box.

Note: Information regarding guaranteed software updates until a specific date is currently unknown. AVM typically provides long-term support for its products.

Related Documents - FRITZ!Box 6660 Cable

FRITZ!Repeater 1200 AX: Ultraschnelles Wi-Fi 6 für Ihr Heimnetz

Erweitern Sie Ihre WLAN-Reichweite mit dem FRITZ!Repeater 1200 AX. Erleben Sie ultraschnelles Wi-Fi 6, nahtloses Mesh-Networking und einfache Installation für ein optimales Heimnetz.

ARRIS SURFboard Wi-Fi Cable Modem Quick Start Card

Quick start guide for the ARRIS SURFboard Wi-Fi Cable Modem, covering initial setup, mobile app installation, and web interface access.

FRITZ!Box 6660 Cable Quick Start Guide

Get started quickly with your FRITZ!Box 6660 Cable. This guide provides essential setup instructions, Wi-Fi configuration, and connection details for your new AVM router.

ARRIS SURFboard SBG10: DOCSIS 3.0 Wi-Fi Cable Modem User Guide

Comprehensive user guide for the ARRIS SURFboard SBG10, detailing installation, setup, configuration of Wi-Fi networks, security features, and troubleshooting for DOCSIS 3.0 cable modem connectivity.

ARRIS SURFboard SBG10 DOCSIS 3.0 Cable Modem User Guide

User guide for the ARRIS SURFboard SBG10 DOCSIS 3.0 cable modem and Wi-Fi router. Learn about installation, setup, Wi-Fi configuration, security features, troubleshooting, and more for your ARRIS networking device.

Wi-Fi: The Definitive Guide - Mercku's Comprehensive Overview

Mercku presents 'Wi-Fi: The Definitive Guide', an in-depth exploration of wireless networking. Learn about Wi-Fi history, basics, system solutions, and future standards like Wi-Fi 6/6E/7. Essential reading for understanding modern internet connectivity.