

Setup instructions

Setting up internet and telephony for fiber internet access
with PPPoE for FRITZ!Box with Firmware Version 7 and newer



1) Preparation

a) Connect power supply



Connect the Fritz!Box to a power outlet. The LED „Power/DSL“ starts to flash.

b) Connect to fiber optics modem



Connect your Fritz!Box to the LAN or **GE port** of your fiber optics modem. Use the **WAN** port if your Fritz!Box has one, otherwise use **LAN 1**.

c) Connect phones via cable



Connect your phone to the FON port. There are two versions, use the one that is applicable for your phone's connector.

d) Connect phones via DECT



- Start the connection sequence on the DECT phone.
- Enter the Fritz!Box' PIN on the phone (standard is „0000“)
- Hold the „DECT“ button on your Fritz!Box until „Info“ starts to flash. Your phone will connect to the Fritz!Box.

Hint: Up to six DECT phones can be connected to your Fritz!Box.

e) Connect PC via LAN or WiFi

You can connect your PC/laptop through LAN or through WiFi. The standard WiFi key can be found on the underside of your Fritz!Box.

i) Connect via LAN

Connect your PC to one of the free LAN ports of your Fritz!Box (e.g. LAN 2).




ii) Connect via WiFi

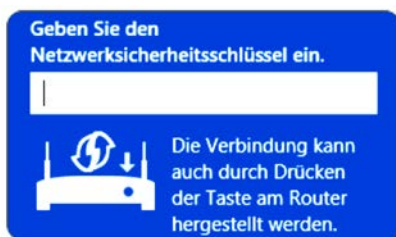
Your PC or other WiFi enabled devices (e.g. Smartphones) can be connected wireless to your Fritz!Box. There are two options available:

(1) Connect WiFi with WPS

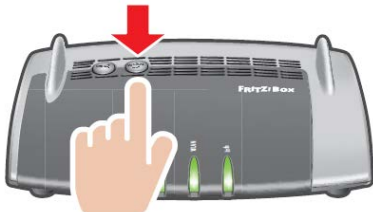
WPS allows you to quickly and simply connect compatible devices to your WiFi network.

For PCs with Windows 8.1, 8, 7,10 Vista or XP you can connect using WPS like this:

1. If the LED „WLAN“ on your Fritz!Box isn't lit, press the button „WLAN“ once to activate WiFi.
2. Open the WiFi settings on your PC.
For Windows 7 or 8 you can click the WiFi symbol in the tray. 
3. Choose your Fritz!Box' WiFi network and click connect.
You will see the field to enter your WiFi key and a message telling you that you can connect by pushing the button:




4. You have two minutes to do this step: Hold the „Connect/WPS“ button on your Fritz!Box until „WLAN“ starts to flash.



WiFi connectivity will be established.

(2) Connect WiFi using the WiFi key

You can also establish the WiFi connection by using the WiFi key („Netzwerkschlüssel“):

1. If the LED „WLAN“ on your Fritz!Box isn't lit, press the button „WLAN“ once to activate WiFi.
2. Open the WiFi settings on your PC.
For Windows 7 or 8 you can click the WiFi symbol in the tray. 
3. Choose your Fritz!Box' WiFi network and click connect..
4. Enter your WiFi key. The standard WiFi key can be found on the Fritz!Box' underside or on the card that comes with it.
5. Confirm your input.

WiFi connectivity will be established.

2) Going to the Settings page

You can use the Settings page UI to configure your Fritz!Box. Open an internet browser and type <http://fritz.box> or <http://192.168.178.1> in the address bar (see Abbildung 2.1 1). After logging in, a setup wizard (Einrichtungsassistent) might start. Do **not** use this wizard as it lacks the needed settings for a fiber connection. Instead, close the wizard by selecting „Abbrechen“.

Abb 2.1 1



Detailed view

Please click **Ansicht: Standard**, which will switch to **Ansicht: Erweitert** (Abb 2.1. 2).

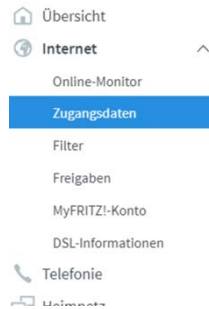
Abb 2.1 2



3) Configuring internet access

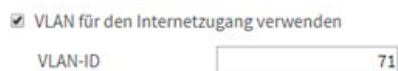
1. In the menu, choose (Abb 3.1 1) „Internet“ and then „Zugangsdaten“.

Abb 3.1 1



2. In the drop-down menu „Internetanbieter“, choose „Weitere Internetanbieter“
3. In the next drop-down menu, choose „Anderer Internetanbieter“
4. In the appearing text field, enter „KurpfalzTEL“
5. At „Anschluss“ select the option „Anschluss an externes Modem oder Router“
6. At „Betriebsart“ select the option „Internetverbindung selbst aufbauen“
7. At „Zugangsdaten“ select „Ja“ below the question „werden Zugangsdaten benötigt?“
8. Enter your *Internet* credentials („Benutzername“ and „Kennwort“)
9. At „**Verbindungseinstellungen**“ enter your Download and Upload bandwidth
10. *If you received a „VLAN-ID“ please follow this step. Skip it otherwise*
 At „**Verbindungseinstellungen**“ click [Verbindungseinstellungen ändern ▲](#)
 „Internetverbindung dauerhaft halten“ should be selected.
 At VLAN-Einstellungen check the box „**VLAN für den Internetzugang verwenden**“ and enter „71“ as VLAN-ID (siehe Abb 3.1 2)

Abb 3.1 2



11. Click the button „Übernehmen“ to save the settings

4) Configuring telephony

a) Credentials

- In the menu, choose (Abb 4.1 1) „**Telefonie**“ and then „**Eigene Rufnummern**“.

Abb 4.1 1



- Click the button „**Neue Rufnummer**“
- If prompted, choose „**IP-basierter Anschluss**“ and click „**Weiter**“
- Enter your telephony credentials like this:

Telefonie-Anbieter	anderer Anbieter
Rufnummer für die Anmeldung	Your phone number with area code (e.g. 0622712345)
Interne Rufnummer in der FRITZ!Box	Your phone number with area code (e.g. 0622712345)

Below that:

Benutzername	Your phone number with area code (e.g. 0622712345)
Kennwort	From the telephony credentials you received
Registrar	Enter „kurfalztel-voip.net“

Zugangsdaten	
Benutzername	<input type="text" value="0622712345"/>
Kennwort	<input type="text" value="xxxxx"/>
Registrar	<input type="text" value="kurfalztel-voip.net"/>
Proxy-Server	<input type="text"/>


- Choose the other settings as shown below in Abb 4.1 2

Abb 4.1 2

Weitere Einstellungen	
DTMF-Übertragung	<input type="text" value="RTP oder Inband"/>
<input type="checkbox"/>	Rufnummer für die Anmeldung verwenden
<input checked="" type="checkbox"/>	Anmeldung immer über eine Internetverbindung
	Falls Ihr Internetanbieter die separate Internettelefonie-Verbindung für eigene Rufnummern reserviert, aktivieren Sie diese Option, wenn es sich um eine Rufnummer eines anderen Anbieters handelt.
<input type="checkbox"/>	Ortsvorwahl für ausgehende Gespräche einfügen

Click the button „**Weiter**“ to save the settings.

b) Setting up phone devices / assign phone numbers

In the menu, choose „Telefonie“ and then „Telefoniegeräte“. If a phone is connected to the FON port, you can assign a number for outgoing and incoming calls to it by clicking the settings button. 

If you want to connect further phone devices (phones, fax or wireless (DECT) phones), choose „Neues Gerät einrichten“.

5) Notes:



You can find further information and tips regarding your Fritz!Box at <http://www.avm.de>.

If you need any help, feel free to call us at 06227-1715 0 or send an e-mail to support@kurpfalztel.net