

Swisscom (Schweiz) AG  
Contact Center  
CH-3050 Bern

[www.swisscom.ch](http://www.swisscom.ch)

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WLAN Magic-Box einrichten  
Installer WLAN Magic-Box  
Installare WLAN Magic-Box  
WLAN Magic-Box setup

S. 2

p. 10

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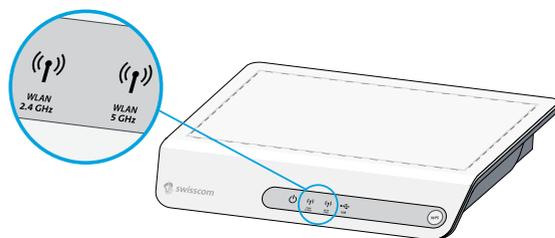


# Congratulations! You have chosen to purchase the WLAN Magic-Box!

As of today, you can start surfing on the latest generation WLAN network. You also have the option to access all the data saved on a connected hard drive from any device connected to your network.

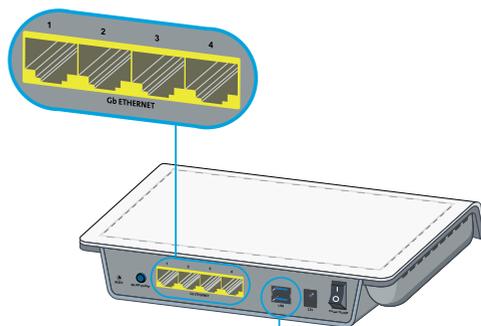
## The best WLAN network

using two frequency ranges at the same time



## Fast data transmission

by cable, thanks to the Gigabit ports



## Data sharing (optional)

- > you can access your data by using various devices
- > you can stream music/pictures/videos



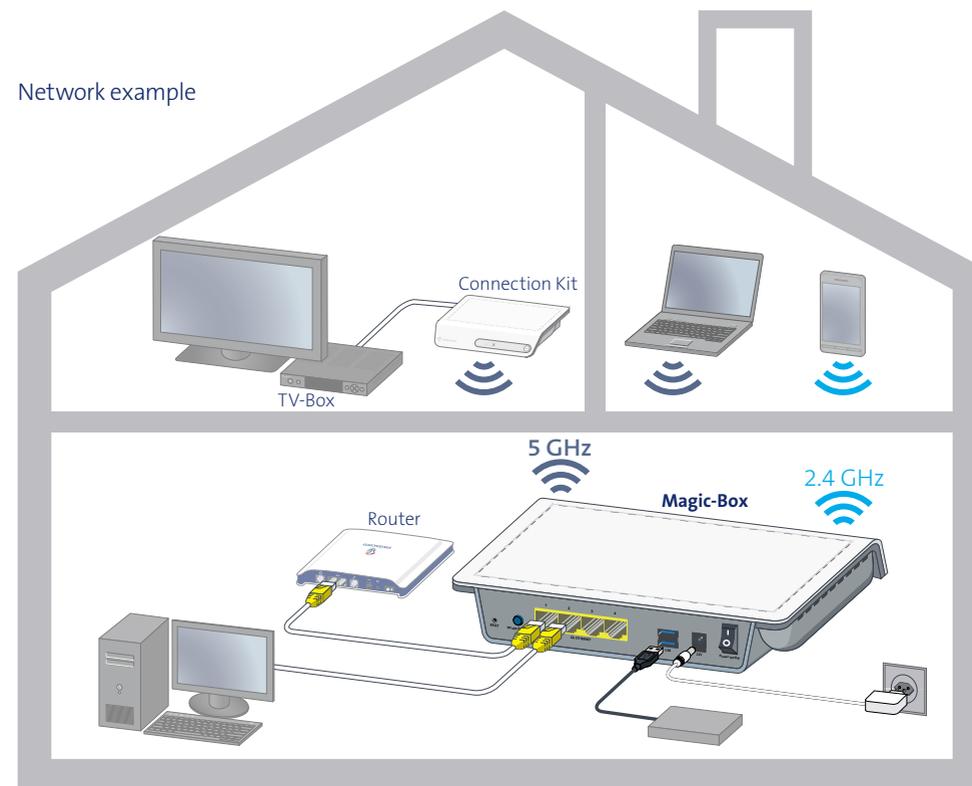
# Your new WLAN network

The Magic-Box has **two WLAN frequency ranges (dualband): 2.4 GHz and 5 GHz**, that can be used for wireless data transmission.

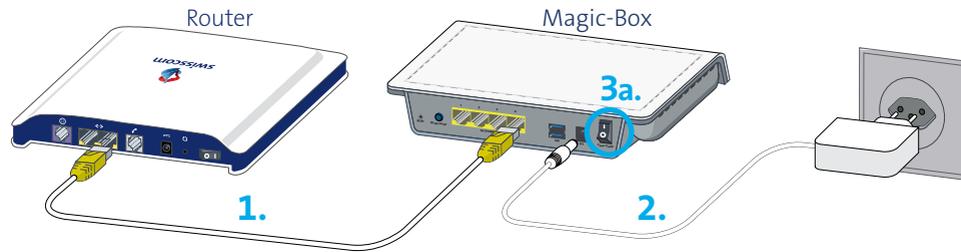
- > The new 5GHz network has significantly less interferences and allows a much higher data transmission rate than the Usual 2.4 GHz network. This makes this network particularly adapted for high-performance applications such as video signals.
- > The 2.4 GHz network usually has a wider reach and is compatible with most devices. This network is recommended for connecting smartphones and computers.

If a given device is compatible with both frequencies, it will automatically select the **most suitable frequency range** (this depends on the connection quality as well as on its availability). In case you need to choose by yourself if a device should be connected to the 2.4 GHz or the 5 GHz network, please proceed as described on page 30 «Defining different WLAN names (SSID) for the 2.4 GHz and the 5 GHz networks (optional)».

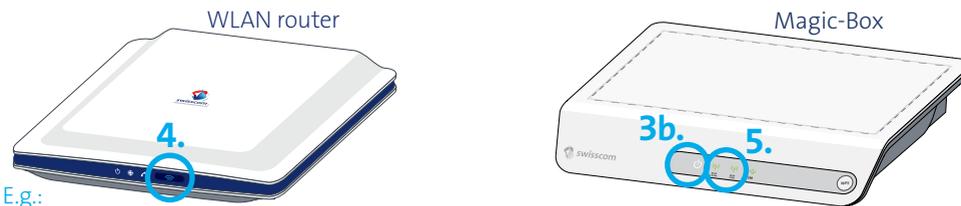
## Network example



## Connecting your Magic-Box to your router



1. Connect your Magic-Box to your DSL router by using the included Ethernet cable.
2. Plug it into the electrical socket.
- 3a. Switch your Magic-Box on. 3b. The Power LED (🔌) lights up in white.
4. If your router has integrated WLAN, we recommend that you deactivate this function and only use the WLAN network of your Magic-Box.



E.g.:  
Centro Router: push the WLAN button (📶). If it no longer is lit, this means that the WLAN is deactivated.

5. When the WLAN LEDs (📶) light up in green, it means that the WLAN network of your Magic-Box is available.

«When you briefly press the ON/Off button at the back of your Magic-Box you can activate/deactivate your WLAN network.»



## Connecting devices to the WLAN network

In order to access the Internet wirelessly with our computer, it has to be connected to the WLAN network created by your Magic-Box.

### a. Manual connection:



If you require any help regarding the connection of your computer to a WLAN network, please go to [www.swisscom.ch/wlan](http://www.swisscom.ch/wlan).

### b. WPS connection:

another way to connect your devices to your WLAN network is the WPS function. This type of connection is recommended for all devices that have an integrated WPS button. WPS is the abbreviation for «WiFi protected Setup» et allows you to connect 2 WLAN devices by simply pushing a button (for more information please visit [www.swisscom.com/wps](http://www.swisscom.com/wps)). If you need to add a new device to your existing network, please proceed as follows:

1. Place your new device at **approx. 3 meters** from your Magic-Box.
2. Push the WPS button (WPS) of your Magic-Box for **five seconds**. The WLAN LEDs (📶) will start blinking in green.
3. Activate the WPS of your new device by following the instructions specific to this particular device (usually you just need to push the WPS button for **five seconds**). The devices will connect automatically. Please don't forget that it can require up to five minutes to establish a successful connection.



## Changing the WLAN name (SSID) and/or the WLAN password (optional)

1. Install your Magic-Box as described on page 28.
2. You have to register your account on the Magic-Box user interface. In order to do so, open your Internet browser and type <http://magicbox> in the address bar.
3. Login by using the following details (factory settings):  
ADMIN-username «**admin**»  
ADMIN-password «**password**»
4. When you first log in, you need to define a new ADMIN-password.  
ADMIN-username remains «**admin**»  
ADMIN-password (new): \_\_\_\_\_

### Modifying the WLAN parameters

5. Select the «WLAN QUICK INSTALLATION» menu in order to modify the WLAN network name (SSID) as well as the WLAN password.

**Attention:** In order to allow the devices you connect to your Magic-Box to select the best network (2.4 or 5 GHz) you need to proceed as follows: **Give the same WLAN network name (SSID) to both frequencies, namely WLAN 1 (2.4 GHz) and WLAN 2 (5 GHz).**

### Write down

Your new WLAN-name (SSID): \_\_\_\_\_  
and your new WLAN-password: \_\_\_\_\_

## Defining different WLAN names (SSID) for the 2.4 GHz and the 5 GHz networks (optional)

Would you rather decide by yourself which device can access which one of your networks? Then you must define a different name to your 5 GHz network. We recommend that you do so if you reside in a densely populated area with many 2.4 GHz networks that interfere on each other. The 5 GHz network allows you to reach a higher connection speed.

**Note:** not all devices are compatible with a 5 GHz network.

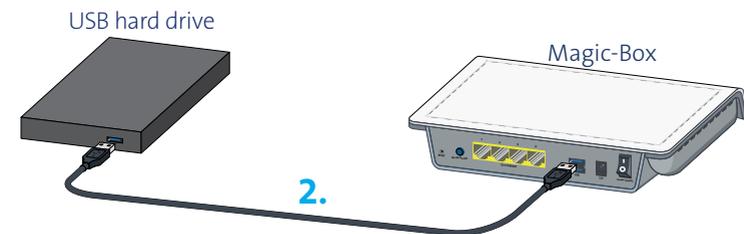
Proceed exactly as described in the previous chapter «Changing the WLAN name (SSID) and/or the WLAN password». Define a new name for your 5 GHz network. We recommend that you add the word «\_Express» to the name that you already assigned to your 2.4 GHz network.

**Example:** WLAN 1 (2.4 GHz) is called «ztr-97492» and the WLAN 2 (5 GHz) is called «ztr-97492\_Express».

## Connecting a hard drive to the Magic-Box and configuring it (optional)

You can access your data, pictures and music saved on a hard drive from any device connected to your WLAN network (e.g. WLAN radio or computer) if you connect the drive to your Magic-Box.

1. In order to be able to use the USB port of your Magic-Box with your computer in the best possible way, you must first install special software. You can download this software under [www.swisscom.ch/magicbox](http://www.swisscom.ch/magicbox). Once downloaded, run the program and follow the instructions on your screen.
2. Connect your hard drive to your Magic-Box through the USB port.



3. The installed software will now recognise your USB hard drive and the hard drive will now appear as an icon (🖥️) on your desktop. You can access the hard drive contents by double-clicking on the icon.

**«Attention:** all people who can access your network can also access the data stored on the hard drive that you have connected to your Magic-Box.

**Note:** If you cannot access your USB hard drive, you might have a data format issue. The Magic-Box supports the following formats: NTFS, FAT, FAT32.»



### The Magic-Box also has multimedia server functions.

This means that you can stream all the pictures, music and videos directly from your USB hard drive. You can e.g. connect a WLAN radio to your Magic-Box and listen to the music saved on your hard drive without having to switch your computer on.

# Connect a Connection Kit to the Magic-Box (optional)

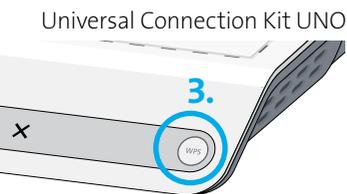


«Would you like to avoid long cables installed in your home? You can e.g. connect your Swisscom TV-Box to a Universal Connection Kit UNO (sold separately).»



**1.** Place the Connexion Kit **at ca. three meters** from your Magic-Box and connect it to the power socket. Wait until all the LEDs are lit continuously.

**2.** Push the WPS button on the Magic-Box during **five seconds**. The WLAN LEDs (📶) will start to blink in green.



**3.** Immediately after this, push the WPS button on your Connection Kit. Maintain the button pushed for **five seconds**, until all LEDs start to blink. Both devices will now connect automatically. The connection time can be up to 5 minutes.



You are now connected to the Internet!

**Note:** if you are not connected to the Internet, repeat steps 2 and 3.

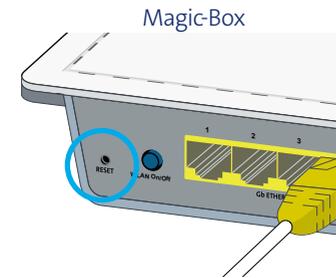
# Help

## How can I improve the connection quality?

- > Deactivate the WLAN network provided by your router
- > Do not put your Magic-Box inside a closed cabinet
- > Place the devices at a minimal distance of 15 cm from the wall
- > Maintain the smallest possible distance between the devices
- > Do not place your devices next to Bluetooth devices or to a microwave oven

## Have you forgotten your password? The device no longer works properly?

You can reset your device to its factory settings. To do so, push the Reset button at the rear of your switched on device for ten seconds. The device will then be restored to its original factory settings.



## For more help

Frequently asked questions and their answers are here [www.swisscom.ch/magicbox](http://www.swisscom.ch/magicbox).

# Status display

## Power LED

- on** device is on
- off** device is off

## WLAN LED (wireless Internet)

- on** WLAN is active
- blinking** WLAN connection is being established
- off** the WLAN network is inactive

## USB LED

- on** connected to the USB hard drive
- off** no hard drive is connected or no access

## Sicherheitshinweise

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- > Verschiessen Sie keine Lüftungsöffnungen, und installieren Sie die Magic-Box entsprechend dieser Anleitung.
- > Stellen Sie die Magic-Box nicht in die Nähe von Wärmequellen auf und nicht unter dem Einfluss von direkter Sonneneinstrahlung.
- > Stellen Sie keinerlei Gegenstände auf die Magic-Box, insbesondere keine mit Flüssigkeit gefüllten Gefässe wie Vasen oder Flaschen.
- > Die Magic-Box darf nicht im Freien verwendet werden.
- > Verlegen Sie sämtliche Kabel unfallsicher.
- > Reinigen Sie die Magic-Box nur mit einem trockenen Tuch.

## Consignes de sécurité

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- > Ne bouchez pas les ouvertures d'aération et installez votre Magic-Box en suivant les instructions de ce manuel.
- > Ne placez pas votre Magic-Box à proximité de sources de chaleur ou à la lumière directe du soleil.
- > Ne posez aucun objet sur la Magic-Box, surtout rien qui ne contienne des liquides tels que vases ou bouteilles.
- > La Magic-Box ne doit pas être utilisée à l'extérieur.
- > Assurez-vous que les câbles sont installés de manière à éviter tout accident.
- > Nettoyez votre Magic-Box en utilisant un chiffon propre et sec.

## Avvisi di sicurezza

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- > Non chiudere nessuna apertura di ventilazione e installare il Magic-Box seguendo le presenti istruzioni.
- > Non collocare il Magic-Box in prossimità di fonti di calore né sotto l'influsso dei raggi diretti del sole.
- > Non poggiare nessun oggetto sul Magic-Box, in particolare nessun oggetto pieno di liquido come vasi o bottiglie.
- > Il Magic-Box non può essere utilizzato all'aperto.
- > Disporre tutti i cavi in modo da evitare incidenti.
- > Pulire il Magic-Box soltanto con un panno asciutto.

## Security instructions

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- > Don't block any ventilation openings and install your Magic-Box by following the instructions in this manual.
- > Do not place your Magic-Box next to heat sources or in direct sunlight.
- > Do not place any object on your Magic-Box, particularly nothing containing liquids such as vases or bottles.
- > The Magic-Box should not be used outdoors.
- > Please ensure that all cables are installed in a way to avoid accidents.
- > Clean your Magic-Box by using a clean dry cloth.