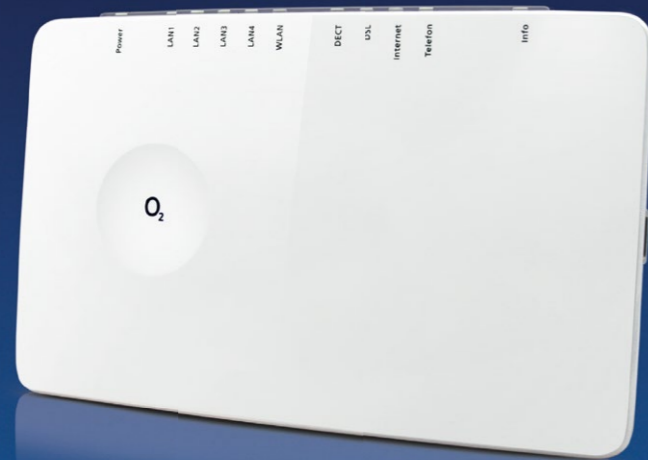


# Quick start guide

O<sub>2</sub> HomeBox 6641



## Safety instructions

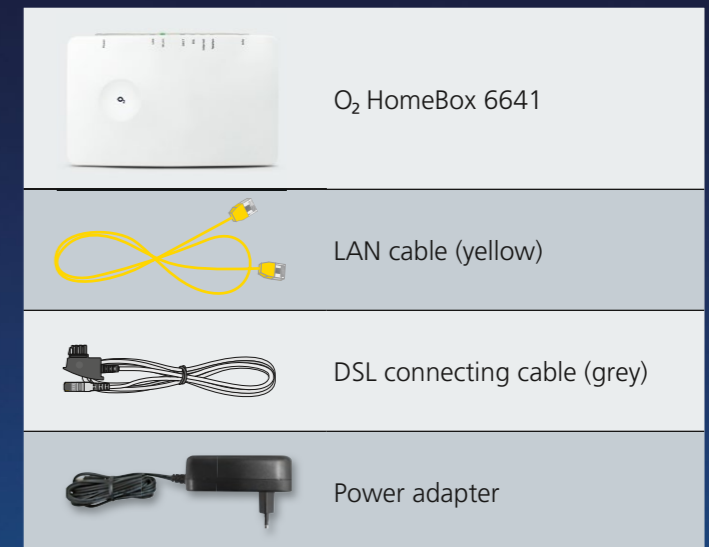
**Important:** Please read these instructions carefully before use and keep them in a safe place for future reference. Please hand this guide to any new owner of the device.

**! WARNING: The electric voltage present at mains, telephone and network cables connections is dangerous! Failure to observe the safety instructions can lead to hazardous situations which can result not only in high material or property damage, but also in severe injuries or death.**

- The device must not be opened.
- Do not install the device or connect or disconnect any line connections during a thunderstorm.
- Operation is only permitted for dry rooms within closed buildings.
- The power outlet must be located near the unit and must be easily accessible.
- Lay the cables so that no one can step on them or trip over them.
- Do not allow liquids to enter the inside of the unit, as this may cause an electric shock or a possible short circuit.
- Avoid direct sunlight.
- Before drilling, make sure that there is no building installation at the drilling point. Damage to gas, electricity, signal or water lines may result in life injuries or property damage.
- The device may only be operated with the power supply unit UH0301P-12PE.

We appreciate that you have opted for O<sub>2</sub> and hope that you will now enjoy the many benefits of your new DSL connection.

### What's in the box?



**The frequency and the maximum transmitted power of WiFi module:**

2.400 – 2.483,5 MHz, max. transmitted power 100 mW  
 5.150 – 5.350,0 MHz, max. transmitted power 200 mW (this frequency range is allowed only for indoor use)  
 5.470 – 5.725,0 MHz: max. transmitted power 1000 mW

## Detailed information

You will find detailed information about setting up and configuring your O<sub>2</sub> HomeBox 6641 under <http://o2.de/hilfe/o2homebox2>.

## How to contact us:

**On the internet:**  
[www.dsl.o2.de](http://www.dsl.o2.de)

**Contact options:**  
[www.o2.de/kontakt](http://www.o2.de/kontakt)

**By phone:**  
 +49 (0)89 78 79 79 400\*  
 +49 (0)176 888 55 222\*

\* Tariff for calls made to German landlines and mobile networks applies

## Open Source Licence information

This product contains software that is licensed under Open Source Code Licences and is provided to you under the terms of these licences. A copy of the licence text can be found in the user interface of the device in the main menu System/Licences and on the Internet at [www.zyxel.com/de/de/support/o2\\_homebox\\_6641.shtml](http://www.zyxel.com/de/de/support/o2_homebox_6641.shtml). You can obtain a complete machine-readable copy of the source code from us within 3 years of placing this product on the market by contacting us at [support@zyxel.de](mailto:support@zyxel.de).

**European regulations:** Zyxel Communications Corporation hereby declares that the HomeBox 6641 complies with regulations under Directives 2014/53/EU (RED), 2011/65/EU (RoHS) and 2009/125/EC (ErP). The full text of the EU Declaration of Conformity is available at the following Internet address: [www.zyxel.com/de/de/support/o2\\_homebox\\_6641.shtml](http://www.zyxel.com/de/de/support/o2_homebox_6641.shtml)

Telefónica Germany GmbH & Co. OHG, Postfach 600940, 22209 Hamburg  
 101568 08/17 v.3.1

### Do you need help with the installation?

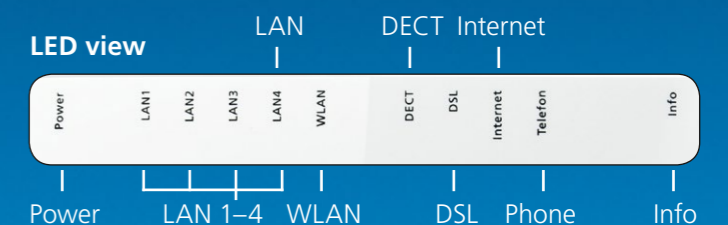
Scan the QR code or visit our website under <http://o2.de/hilfe/o2homebox2> to take a look at the installation video for the O<sub>2</sub> HomeBox 6641.



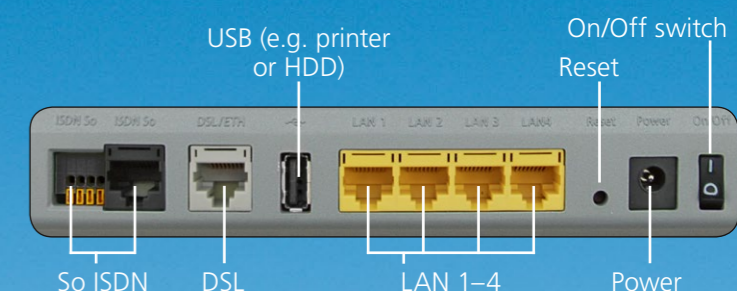
**Note:** After setting up the router, also install the Service Suite from our website. The complimentary O<sub>2</sub> software provides you support with Internet access and optimises your WLAN connection

LED	Signal	Status
Power	● Flashing	System is starting up
	● Lights up constantly	The system has started and is operating
	● Off	Power supply disconnected or general equipment fault
LAN	● Lights up continuously	The unit's software is updating; unit is restarting or resetting
	● Flashing	Transferring data
	● Lights up constantly	Active connection
WLAN	● Off	No active connection
	● Flashing quickly	Transferring data
	● Lights up constantly	WLAN active
DECT	● Flashing	WPS activated
	● Off	WLAN not active
	● Lights up constantly	DECT function on
DSL	● Flashing	DECT scanning for new unit
	● Off	DECT function off
	● Flashing slowly	Pilot signal transmitting
Internet	● Flashing quickly	The O <sub>2</sub> HomeBox 6641 is being synchronised.
	● Lights up constantly	DSL connection successfully established
	● Off	O <sub>2</sub> HomeBox receives no DSL signal
Phone	● Flashing quickly	Faulty access details (e.g. incorrect PIN)
	● Flashing	Transferring data
	● Lights up constantly	Internet connection established
Info	● Off	Line not active
	● Flashing	Active call
	● Lights up constantly	Active line
Info	● Flashing quickly	Authentication in progress
	● Lights up constantly	PIN OK; oe phone connection established; when the unit has completed registration with oe, the Info LED will disappear
	● Lights up constantly	1. O <sub>2</sub> HomeBox is waiting for a PIN to be entered 2. Incorrect PIN, waiting to re-enter PIN 3. Maximum authentication attempts (5 times) reached
	● Flashing quickly	PIN OK; waiting for authentication

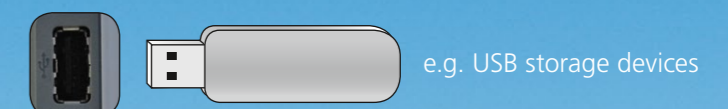
## Your O<sub>2</sub> HomeBox 6641 in detail



### Rear side



### USB connection on the side





# Install in just 3 steps – It's this easy:

## 1 Prepare the installation

Connect the enclosed DSL cable to your home telephone socket (middle socket) and connect it to the DSL socket on the O<sub>2</sub> HomeBox. Now connect the desired telephones as shown in the figure below. Then connect your O<sub>2</sub> HomeBox via the yellow LAN cable to your PC or make a WLAN connection (see below „WLAN initial setup“). Switch on the O<sub>2</sub> HomeBox.

## 2 Internet connection

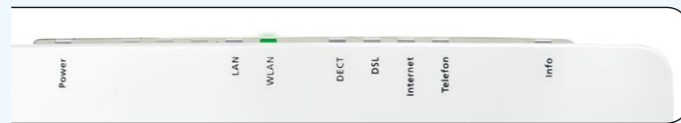
Open an Internet browser via the device connected to the O<sub>2</sub> HomeBox and go to **o2.box** or **192.168.1.1**. The device wizard, which now opens automatically, helps you to configure the Internet connection as well as to unblock the connection. Further information can also be found in the manual, which can be downloaded at [www.zyxel.com/de/de/support/o2\\_homebox\\_6641.shtml](http://www.zyxel.com/de/de/support/o2_homebox_6641.shtml)

## 3 Start surfing and make calls

Your O<sub>2</sub> HomeBox 6641 is now configured for access to the Internet and telephony. If necessary, configure the connected telephone via the phone menu. At the time of delivery, all connected telephones ring for incoming calls.

# WLAN Initial Setup

- Switch on the WLAN-function on your terminal (PC, Smartphone, Tablet etc.) and make sure that the WLAN-function is also activated on your O<sub>2</sub> HomeBox (WLAN-LED is lit). Otherwise, please activate it by pressing the button above the WLAN LED.
- Now connect your device to the O<sub>2</sub> HomeBox device: This procedure is different for different operating systems (Windows, Android, Mac OS, Linux, etc.). Please refer to your device manual.
- Select the wireless network from your O<sub>2</sub> HomeBox 6641. You will find the name of the network (SSID) and the network key (WPA2 key) on the name plate on the back of your O<sub>2</sub> HomeBox 6641.
- Click 'Connect' and enter your WLAN network key (WPA2 key).
- Alternatively, scan the QR-Code for an easy initial WLAN set-up and to create a connection.
- The WLAN connection has now been completely set up.



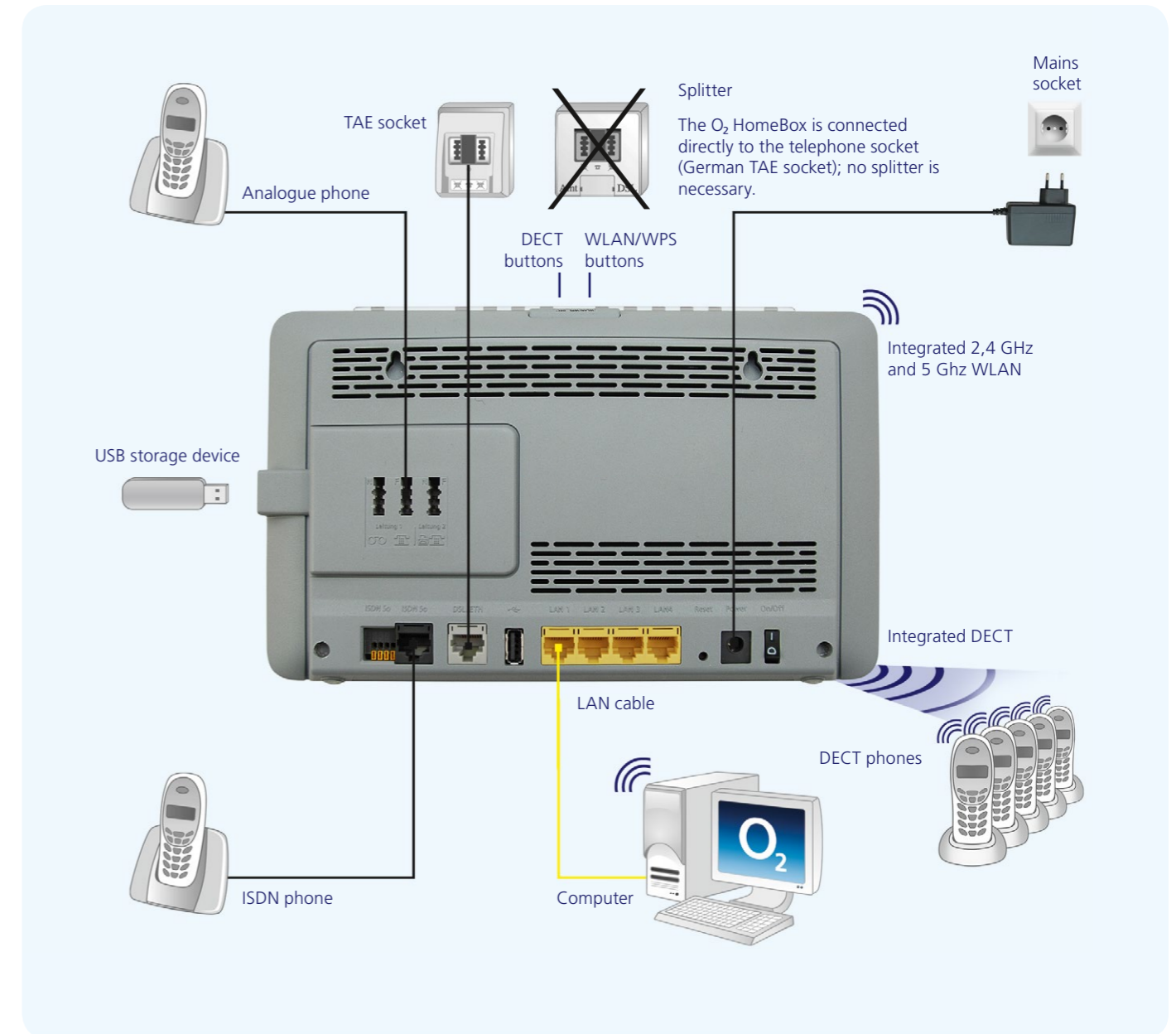
## Setup by WPS

WPS (Wi-Fi Protected Setup) allows you to easily and quickly connect new WLAN devices to your wireless home network. For this purpose, the terminals to be connected must support the WPS function.

- Press the WLAN button of the O<sub>2</sub> HomeBox for about 10 seconds. The WLAN LED starts to flash green, continuously.
- Now activate the WPS function on the WLAN device within 2 minutes. Observe the operating instructions for the corresponding device.
- After the WLAN connection has been successfully established, this is indicated on the WLAN device, and the WLAN LED of the O<sub>2</sub> HomeBox is lit permanently or irregularly (during data transfer).

# Cabling your O<sub>2</sub> HomeBox 6641: the connection options

Below you will find an example showing the cabling of your O<sub>2</sub> HomeBox 6641. Connect the equipment accordingly.



## more information / подробнее / daha fazla bilgi



Visit our website at <http://o2.de/hilfe/o2homebox2> for a short guide in English/Turkish/Russian. Here you will find the first steps to set up your O<sub>2</sub> HomeBox 6641 as well as the installation video for the O<sub>2</sub> HomeBox 6641.



Чтобы ознакомиться с краткой инструкцией на русском языке, посетите наш сайт <http://o2.de/hilfe/o2homebox2>. В ней содержится информация о настройке O<sub>2</sub> HomeBox 6641, а также видеофайл по установке устройства O<sub>2</sub> HomeBox 6641.



İngilizce/Türkçe/Rusça dillerinde bir kısa kılavuz için <http://o2.de/hilfe/o2homebox2> adresinde bulunan web sayfamızı ziyaret edin. Burada O<sub>2</sub> HomeBox 6641 kurulumu ile ilgili ilk adımları ve O<sub>2</sub> HomeBox 6641 kurulum videosunu bulabilirsiniz.