**Quick start guide**

**O₂ HomeBox 6641**

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**Detailed information**

You will find detailed information about setting up and configuring your O₂ HomeBox 6641 under http://o2.de/hilfe/o2homebox2.

**How to contact us:**

On the internet:
www. o2.de

Contact options:
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

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**Open Source Licence information**

This product contains software that is licensed under Open Source Code Licenses 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. You can obtain a complete machine-readable copy of the 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.

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**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 UH03D1P-12PE.

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**How to set up your O₂ HomeBox 6641:**

**Step 1: Unpack your O₂ HomeBox 6641**

You will find all accessories included in the package.

**Step 2: Install the power supply unit**

Plug the power supply unit into the power outlet.

**Step 3: Connect the DSL connecting cable**

Connect the DSL connecting cable (grey) to the DSL connector on the underside of the O₂ HomeBox 6641.

**Step 4: Connect the LAN cable**

Connect the LAN cable (yellow) to the LAN connector on the underside of the O₂ HomeBox 6641.

**Step 5: Connect your network devices**

Connect your network devices (e.g. printer or HDD) to the LAN ports.

**Step 6: Connect the USB connection**

Connect a USB connection (e.g. printer or HDD) to the USB port on the side of the O₂ HomeBox 6641.

**Step 7: Install the Service Suite**

Download the O₂ HomeBox 6641 software from our website and install it on your device.

**Step 8: Connect your phone**

Connect your phone to the DECT port on the side of the O₂ HomeBox 6641.

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**LED view**

**Power**
- Off: Power supply disconnected or general equipment fault.
- Lights up continuously: DECT function on.
- Flashing slowly: Pilot signal transmitting.
- Flashing quickly: Authentication in progress.
- Lights up constantly: The system has started and is operating.

**LAN**
- Off: No active connection.
- Lights up continuously: Internet connection established.
- Flashing quickly: The O₂ HomeBox 6641 is being synchronised.
- Flashing slowly: The O₂ HomeBox 6641 is being synchronised.

**WLAN/WPS**
- Off: WPS activated.
- Lights up continuously: WLAN active.
- Flashing quickly: WPS activated.

**DECT**
- Off: DECT scanning for new unit.
- Lights up continuously: DECT scanning.
- Flashing slowly: DECT scanning for new unit.

**DSL**
- Flashing slowly: The signal is transmitted.
- Off: ISDN connection established.
- Flashing quickly: The O₂ HomeBox 6641 is being synchronised.

**Internet**
- Off: Internet connection established.
- Flashing quickly: Internet connection established.

**Phone**
- Off: No connection.
- Lights up continuously: Active line.
- Flashing quickly: No connection.

**USB**
- Off: No connection.
- Flashing quickly: USB connection on the side.
- Lights up continuously: USB connection on the side.

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**What’s in the box?**

O₂ HomeBox 6641
LAN cable (yellow)
DSL connecting cable (grey)
Power adapter

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**Your O₂ HomeBox 6641 in detail**

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

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**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.

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**Contact information:**

Telefónica Germany GmbH & Co. OHG, Postfach 60 09 40, 22209 Hamburg
101568 08/17 v.3.1
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 O₂ HomeBox. Now connect the desired telephones as shown in the figure below. Then connect your O₂ HomeBox via the yellow LAN cable to your PC or make a WLAN connection (see below „WLAN initial setup“). Switch on the O₂ HomeBox.

2. **Internet connection**
   - Open an Internet browser via the device connected to the O₂ 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.

3. **Start surfing and make calls**
   - Your O₂ 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.

4. **WLAN Initial Setup**
   - Switch on the WLAN-function on your terminal (PC, Smartphone, Tablet etc.) and make sure that the WAN-function is also activated on your O₂ HomeBox (WLAN-LED is lit). Otherwise, please activate it by pressing the button above the WLAN LED.
   - Now connect your device to the O₂ 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 O₂ 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 O₂ 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.

1. Press the WLAN button of the O₂ HomeBox for about 10 seconds. The WLAN LED starts to flash green, continuously.
2. Now activate the WPS function on the WLAN device within 2 minutes. Observe the operating instructions for the corresponding device.
3. After the WLAN connection has been successfully established, this is indicated on the WLAN device, and the WLAN LED of the O₂ HomeBox is lit permanently or irregularly (during data transfer).