

O₂ TV digital television

User manual for easy installation
and service maintenance

iCan 3800TW set-top box

Telefónica

O₂

Discover a new dimension of television

Dear Customer,

Thank you for choosing O₂ TV digital television. You can start installing O₂ TV as soon as you receive an SMS or an email informing you how to set up the service on your fixed line. Please read this manual carefully and follow the instructions in the accompanying diagrams.

We wish you a successful set up and hope you enjoy all the benefits of O₂ TV digital television.

Sincerely, Telefónica O2

Contents:

1. Set-top box and modem/package contents

2. Set-top box/O₂ TV or Multi connection

3. O₂ TV/service guide

4. O₂ TV/technical settings

Digital television with many functions

- **Wide selection of channels**

Choose from a large number of digital quality TV channels and radio stations that you can order through the My Services MENU.

- **TV průvodce (TV Guide)**

Detailed information about broadcasting schedules of individual channels displayed directly on your TV screen.

- **Videotéka (Video Library)**

Access to a large number of films, documentaries, serials, fairy-tales, and adult programming.

- **TV archiv (TV Archive)**

Selected TV programs from the last seven days are stored here.

- **Můj přehled (My summary)**

A basic description of your account statement and the titles you have rented from the Video Library.

- **Rodičovský zámek (Parent Lock)**

Use this to block your children's access to selected programs and channels.

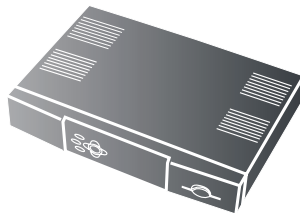
- **The option to connect another set-top box**



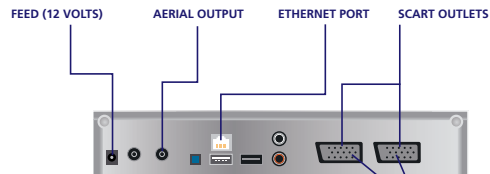
Set-top box/package contents

Devices

iCAN 3800TW set-top box



Set-top box (rear view)



Remote control

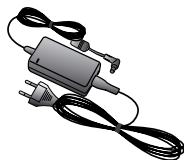


Two AA batteries for the remote control



Connection cables

Power source



Coaxial (aerial) cable

(to connect the set-top box to an aerial)



SCART cable

(to connect the set-top box to a TV set)



Ethernet cable

(to connect the set-top box to a modem)



RJ 45 connector

Note:

To install the O₂ TV service successfully you must have a modem that supports O₂ TV. The latest list of suitable end-user devices is available at: www.cz.o2.com/o2tv. A sample package with a suitable modem can be seen on the next page.

Modem/package contents

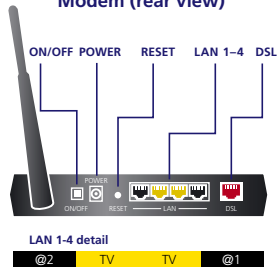
Devices

Modem



Installation CD

Modem (rear view)



Splitter



Power source

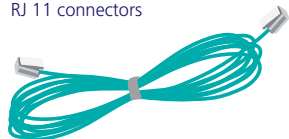


Connection cables

Green phone cable

(to connect phone outlet and splitter)

RJ 11 connectors



Red phone cable

(to connect splitter and modem)

RJ 11 connectors

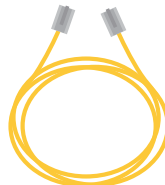


Yellow Ethernet cable

(two meters)

(to connect modem and set-top box)

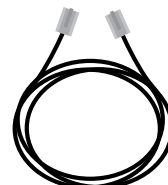
RJ 45 connectors



Black Ethernet cable (10 meters)

(to connect modem and PC)

RJ 45 connectors



RJ 11
connector

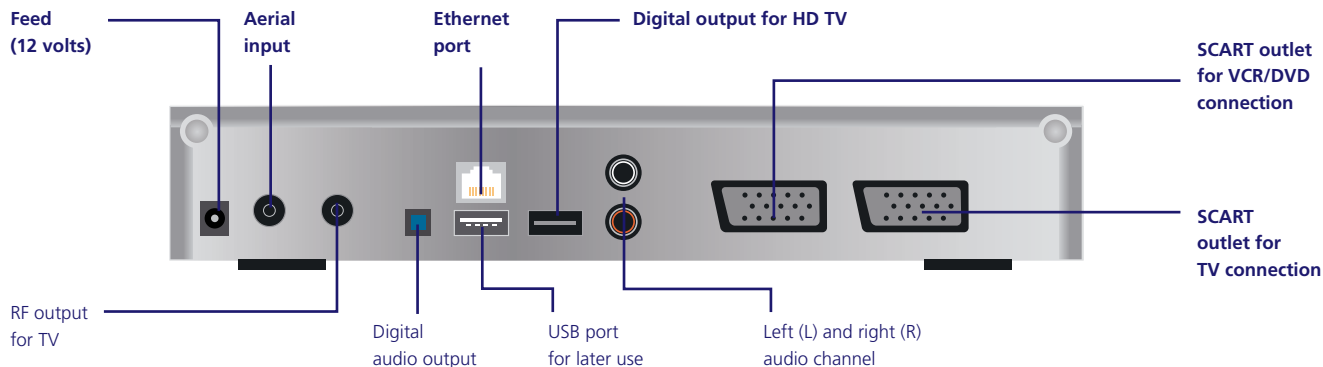


RJ 45
connector

Note:

If the yellow Ethernet cable is too short, try the black cable. If neither of these lengths is sufficient, you can purchase a standard 100-meter Ethernet cable.

Set-top box/rear panel and connection option



Recording programs onto your VCR/DVD

The set-top box makes it possible to record programs onto your VCR or DVD player as you watch them.

Playing programs on your VCR/DVD

Turn off the set-top box to play recorded programs on video cassettes or DVDs. This will enable the signal to pass directly through the set-top box SCART outlets to the TV set.

USB port

A USB port can be found on the rear of the set-top box. It is not active, as it is intended for later use.

Set-top box/connection in three steps

1. Connect splitter to modem

Connect the DSL outlet of the splitter to the modem using the red **phone cable** [3] – ADSL port.

2. Connect modem to set-top box

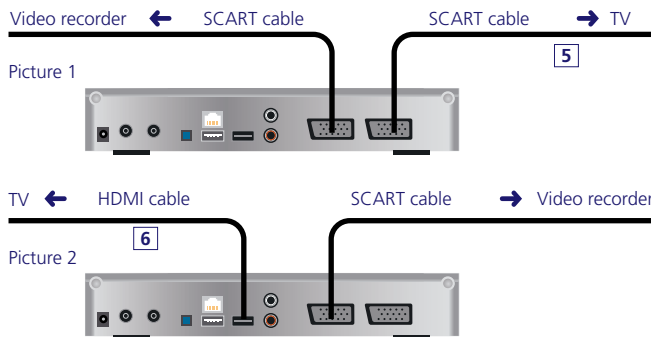
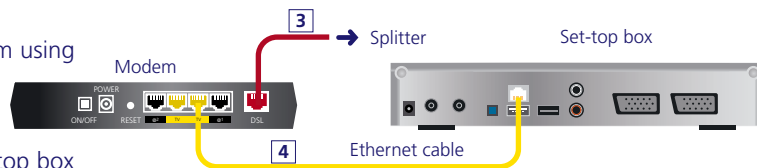
Connect the modem port labelled “TV” to the set-top box Ethernet port using the yellow **Ethernet cable** [4].

3. Connect set-top box to TV set

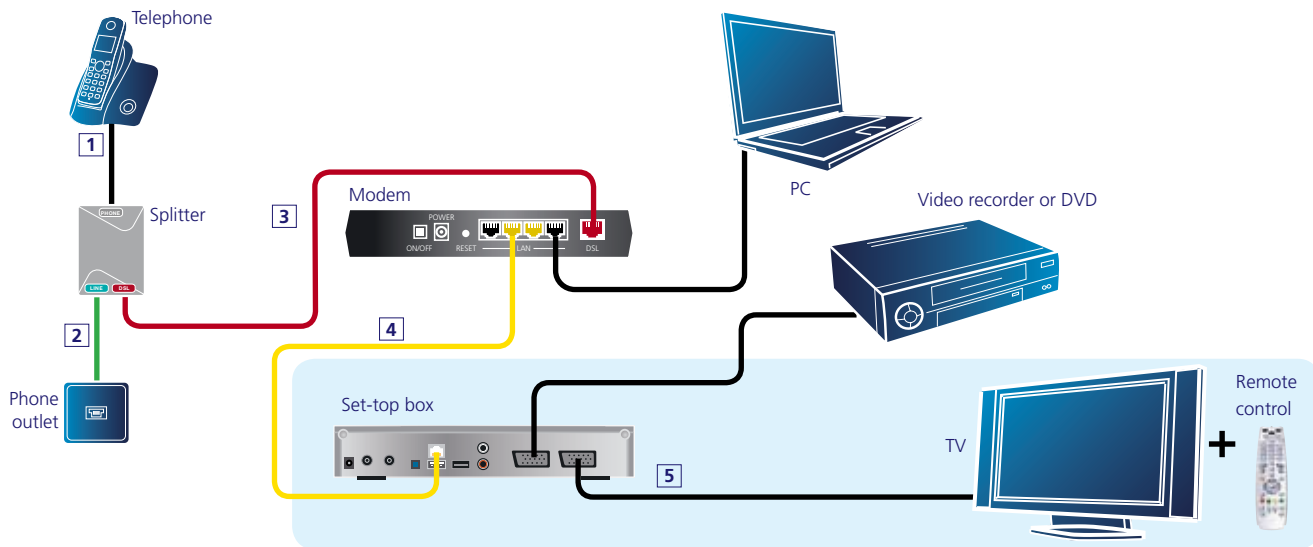
You will find an outlet labelled “TV” on the rear panel of your set-top box. This is the source of the signal output to the TV set.

Picture 1: Connect this output to your TV set using the enclosed **SCART cable** [4]. **Only one TV set can be connected to the set-top box.**

Picture 2: If your TV set is equipped with an HDMI digital interface, you can connect the set-top box to this interface. An **HDMI connecting cable is not included in the package**. If the HDMI interface is used, the teletext function will not work. To set up the HDMI output correctly, follow the instructions in the “Technical settings” section.



Set-top box/O₂ TV connection



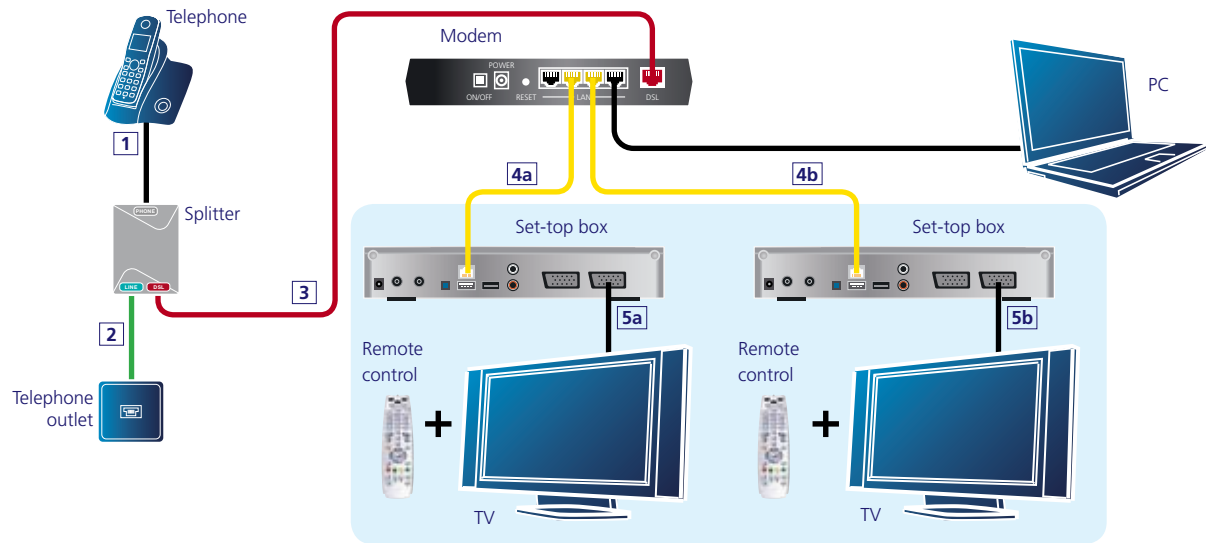
Connection to one TV set

O₂ TV can be connected to one TV set or home cinema, which commonly includes a video recorder or DVD player.

If you use a data network to connect your modem and set-top box, this network must meet all corresponding regulations in order for the service to function properly.

Customers who use the O₂ Internet ADSL service can also connect their computer to the modem. Information on how to connect additional computers can be found in the attached user manual for the modem.

Set-top box/Multi connection



Connection to two TV sets

The O₂ Multi service makes it possible to watch different TV channels on two TV sets at the same time. You simply need two set-top boxes and the Multi service activated, which you can do by calling our toll-free line at 800 02 02 02. The parent lock and ordering PIN is the same for both set-top boxes.

To check service availability and get further information, visit us at www.cz.o2.com/o2tv.

Set-top box/first-time operation

You can start installing the O₂ TV service as soon as you receive an SMS or an email informing you how to set up the service on your fixed line.

1. Insert two AA batteries, included in the set-top box package, into the remote control.
2. Plug the modem in using the power adapter. The modem will run an auto test, which lasts about a minute.
3. Use the  button to set up the remote control so that you can use it to configure the set-top box.
4. Plug in the set-top box. A green “power” indicator will light up on the front panel and the set-top box will start downloading the required data. This process may take a few minutes.
5. Turn on the TV. If everything is functioning properly, five dots on a blue background will appear on your TV screen and they will turn green in succession. If this screen does not appear automatically, switch your TV set to AV mode (where you can select the source of input signal – SCART) or to the channel to which you have the set-top box tuned.

Note:

The set-top-box remote control is not universal, but it may work with some types of TV sets and DVD players. Codes for setting the remote control to function with various types of TV sets and DVD players can be found on the O₂ TV website (www.cz.o2.com/o2tv). You can select which device you are controlling by pressing the buttons presented below.

When the button light is red, this indicates that control for that device is active.



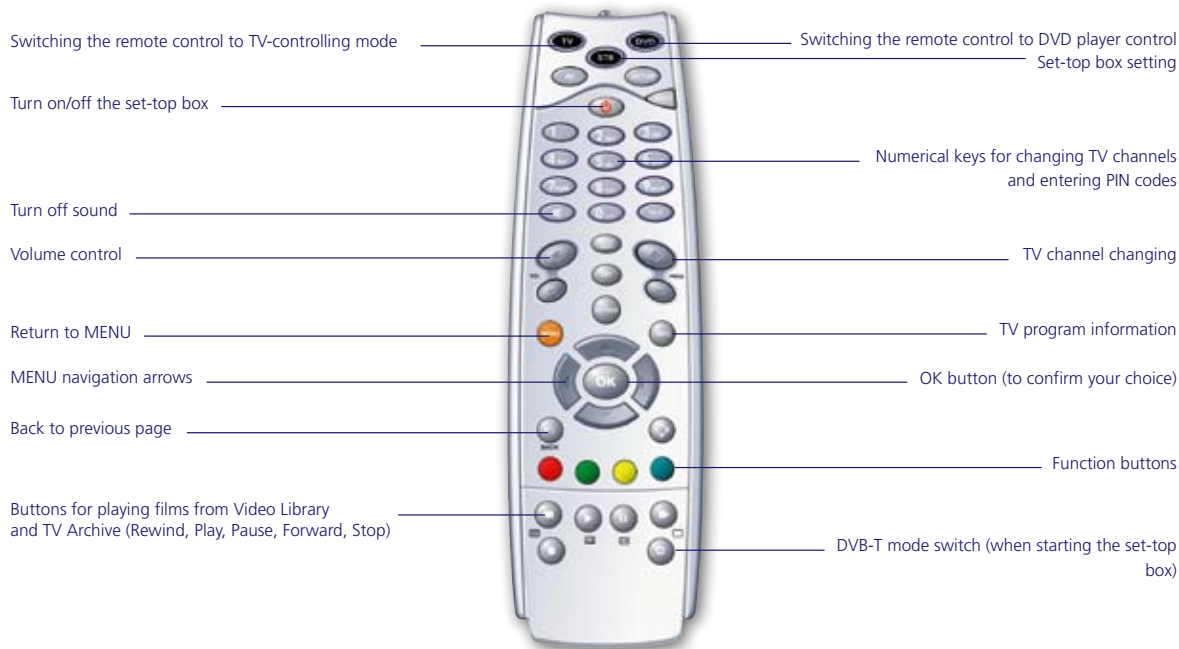
6. Another blue screen appears, then the actual O₂ TV service is operational.



Electricity outlet



Set-top box/remote control



Note:

The set-top box remote control is not universal, but it may work with some types of TV sets and DVD players. Codes for setting the remote control to function with various types of TV sets and DVD players can be found on the O₂ TV website (www.cz.o2.com/o2tv).

O₂ TV/service guide

Once your O₂ TV is up and running, you will be welcomed by a MENU offering you all available services:

- **Videotéka (Video Library)** – watch films and programs of your choice
- **TV a radio (TV and radio)** – TV channels, TV Archive, and radio stations
- **Moje služby (My services)** – settings and selection of TV channels
- **Můj přehled (My summary)** – basic description of films rented from the Video Library and prices

You can select these services with shortcut buttons:

- **Aktuální informace (Current information)** – use the red button to enter
- **Magazín (Magazine)** – use the green button to enter

To navigate the service **MENU**, use the arrow buttons . To confirm your choice, use the  button. To return to the main offer quickly, use the  button.

More information is available at www.cz.o2.com/o2tv.



O₂ TV/service guide

Videotéka (Video Library)/ordering a film

You can watch a Video Library film as soon as you choose it.

Use the arrow buttons to navigate the categories and subcategories in MENU, then confirm your choice with the  button. You can navigate films in a specific category the same way.

Using the green button  you can seek and sort films in a given category.

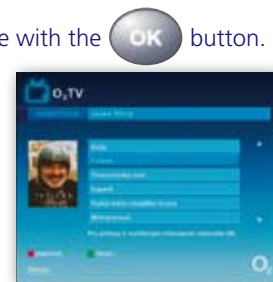
Use the red button  to order a film. When you order a film for the first time, you will be asked to enter a five-digit PIN code. Enter the code 11111. This code can be used to order films right away. You can change your ordering PIN code whenever you like; we recommend this method: MENU > Moje služby > nastavení > objednávkový PIN kód (**MENU > My services > settings > ordering PIN code**). A fee applies to each film ordered from the Videotéka; the fee for the film will be added to your monthly bill for the service.

The film will start playing as soon as it has been ordered. You can watch it as many times as you like in the following 24 hours. You can use the remote control to pause the film (Pause) or to play it again (Play), and you can rewind and fast-forward it (the speed increases each time you press the fast-forward button – one time for 8x faster, twice for 16x). Some films can be viewed in their original language. To change the language, press the yellow button  while watching the film.

Note:

The EROTICA category contains films that are not suitable for children. Access to this category is therefore restricted by a password (the parent lock). You will be asked to enter your parent lock code the first time you select the EROTICA category. You can change this password whenever you choose.

MENU > Moje služby > nastavení > rodičovský zámek (MENU > My services > settings > parent lock).



O₂ TV/service guide

TV a rádio (TV and radio)/TV channels and radio stations

TV channels – watching TV broadcasts

Once you confirm your TV Channels choice by pressing the  button, the last TV channel you watched will appear. You can also choose a specific program position directly on the remote control (e.g. CT1 is saved under number 1, etc.). Some TV channels are broadcast in a dual language version – to change the language, press the yellow button .

TV průvodce (TV Guide) – Information about TV program

This service provides information about TV programs on all channels. The guide can be found in MENU > TV a rádia > TV průvodce (MENU > TV and radio > TV Guide). The data for TV Guide is provided by individual TV channels; we do not influence its contents.

HBO Digital

Access to films on HBO premium channels, updated every month. Films can be rewound, fast-forwarded, and stopped at will. You can order this additional service via our toll-free line at 800 02 02 02.

TV archiv (TV Archive) – missed programs

Access to recorded programs from selected TV channels. They can be sorted by broadcast time, genre, or TV channel. You can use the same functions as with films from the Video Library (rewind, fast-forward, pause, stop, play).

Radiostanice (Radio stations) – listening to the radio

Item TV a RÁDIO > radiostanice (TV and RADIO > radio stations) offers popular radio stations in national and regional categories. Individual stations are also programmed from position 100.



O₂ TV/service guide

Program guide toolbar – information about TV programs

Every time you change a channel, a TV Guide information toolbar will appear on screen for a few seconds. This display will tell you what TV channel and program you are watching, the current time, and how much time is left until the end of the program. Pressing the right arrow will display the name of the program that will be broadcast after the program you are currently watching has ended. Pressing the up and down arrows will display what is on “neighboring” TV channels. You can then choose this channel by pressing the  button.

You can display the information toolbar at any time by pressing the  button on your remote control. You can view a full-screen display of the TV Guide by pressing the blue button .

TV Guide – information about TV programs

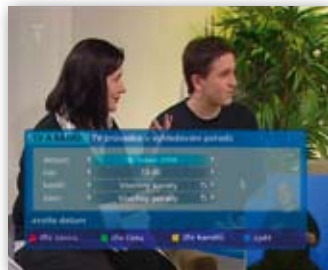
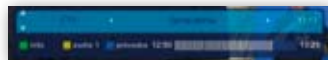
This service provides information about TV programs on all channels. To access the guide within O₂ TV, select **MENU > TV a rádio > TV průvodce (MENU > TV and radio stations > TV guide)**.

The introductory screen will display a chart where you can select your search criteria. The chart is supplemented with colored buttons:

- Red button  display programs based on genre
- Green button  display programs of individual channels at that particular moment
- Yellow button  display all programs of the selected TV channel
- Blue button  return/back

Note:

We are not responsible for providing accurate information about programs in the TV Guide or for the functionality and accuracy of data on the teletext display.



O₂ TV/service guide

My services/settings

Settings

You can change your parent lock or your ordering PIN code in the Settings MENU.

You can also set up background music that will play every time you enter the MENU.

Parent lock

In the parent lock MENU you can restrict access to TV channels or TV programs of your choice; you can also set your PIN in this menu. Every time you access these restricted channels or programs you will be asked to enter your PIN.

Ordering PIN code

This ensures that only an authorized person can place an order. The PIN can be changed in this MENU.

If you forget your PIN, call 800 123 456 and request to have it reset to its original status (11111).

Musical background

Here you can choose a radio station that will be your musical background when you navigate the MENU.

DVB-T configuration

For more information, refer to page 20 of this manual.

Note:

If you use the Multi service, your PIN code change will appear on the second set-top box after it is turned on again from “standby” mode (this applies to both the ordering and the parent lock PIN).



O₂ TV/service guide

My overview/services and prices

Waiting to be watched

This provides you with information about programs in the Video Library that you can still watch before your 24-hour license expires. When you press the yellow button , the film you select will begin from the point where you previously stopped.

My account

Information about all services used in the current month and the previous two months.

Pricelist

A pricelist of all the services that are available to you. Use the up and down arrow buttons to browse through everything on the pricelist. Prices are based on the criteria of individual films from the Video Library.



O₂ TV/technical settings

The set-top box itself has a technical settings MENU:

- Using the  button, you can switch the set-top box to standby mode.
- Press  again to turn on the set-top box.
- When a blue screen appears, press the  button.

Use the remote control arrow buttons to navigate the MENU.

The MENU offers four folders:

- **NETWORK** – information about the set-top box network connection. Digital values in the adjacent picture are only examples; every set-top box has its own individual setting. We recommend that you do not change this setting, as the service will stop working.
- **TV SET** – the option to set the screen size ratio (4:3 or 16:9) and choose HDMI output.
- **SOUND** – the option to set the sound
- **OTHERS** – information about set-top box software and hardware.

To return to the O₂ TV service, press the  button.

Note:

If you use the additional Multi service, you must make sure that DHCP is selected in the IP address space of both set-top boxes. The Multi service cannot run on a static IP address.



Ilustrační obrázek

O₂ TV/technical settings

Setting up HDMI output for high-definition televisions

1. Make sure that you have an HD Ready television set and connect it to the set-top box with an HDMI cable (not included in the package).
2. By using an HDMI cable, you will get a considerably higher-quality picture on your screen, even on channels with standard definition.
3. Right after turning on the set-top box, press the button  and, after accessing the settings menu, select "Televize" (Television) and confirm by pressing the button .
4. Now select one of the following options:

A. I want to keep the option of output through a SCART cable (for recording to a home video player)

1. Set the "Výstup HDMI" (HDMI output) arrows to "sdtv" and save the settings.
2. High-definition channels will be displayed in standard definition, but you can keep recording through the SCART output.

B. I want the highest quality image

1. Set the "Výstup HDMI" (HDMI output) arrows to "1080i (HDMI)" and save the settings.
2. TV channels will be displayed in the highest possible quality, but SCART output and RF antenna output will be disconnected for technical reasons.

Note:

Not all television manufacturers implement the HDMI interface identically and there is a possibility that it will not function correctly on your television. In this case, set "HDMI output" to "none" and return to your original connection. High-definition channels function only on lines that are sufficiently close to telephone exchanges and on which the Multi service has not been activated. While watching high-definition channels (regardless of the above-mentioned settings), the capacity of your line may limit your Internet connection speed.

O₂ TV/technical settings

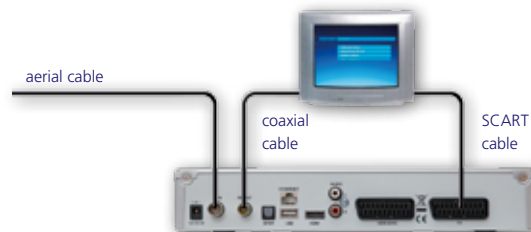
Troubleshooting

1. If there is a problem with the operation of the O₂ TV service, first check that the modem and the set-top box are connected properly.
2. If the problems persist, restart the set-top box using the **RESET** button on the front panel. Resetting takes about 30 seconds.
3. If restarting the set-top box does not help, we recommend disconnecting it and the modem from the power outlet for about 30 seconds. After this time, connect the modem first and wait until the modem is synchronized (the ADSL/DSL light is on), then connect the set-top box.
4. If that does not solve the problem, call our toll-free line at 800 184 084.



Reception of DVB-T digital broadcasting

1. DVB-T signal reception depends on the coverage at your residence. Up-to-date information about DVB-T signal coverage can be found on the Internet.
2. Make sure that you have the TV aerial connected to the aerial input marked "RF IN" on the rear panel of your set-top box.



O₂ TV/technical settings

Tuning DVB-T via the O₂ TV MENU

1. DVB-T can be tuned via the O₂ TV MENU: MOJE SLUŽBY > nastavení > DVB-T konfigurace (**MY SERVICES > settings > DVB-T configuration**).
2. You can start searching for channels by pressing the blue button . This process might take several minutes. You can save your search results by pressing the  button.
3. DVB-T channels will be saved in your set-top box on channel positions 300 and above.
4. You can watch DVB-T broadcasts on your set-top box even without being connected to the modem. Simply press the  button when you turn on the set-top box.
5. If you watch DVB-T without having the set-top box connected to the modem, you can run a new channel search via the  button.



O₂ TV/FAQ

How do I connect the set-top box via a coaxial cable?

The coaxial output is normally turned off; therefore, set-top box settings must first be configured via a TV set equipped with a SCART connector.

The output can be turned on and TV channels can be set through the technical settings MENU under Televize > RF Freq (Television > RF Freq).

Why doesn't the set-top box remote control work?

Press the STB button on your remote control (you might have forgotten to switch it from TV to DVD back to STB). When pressing the button, direct the remote control at the set-top box. If the remote control still does not work, check the batteries.

Why is my screen black and white?

Change the SCART output settings in the technical settings MENU under Televize (Television) so that they correspond with the settings of your TV set. Check that the TV set is connected to a connector marked TV.

Why are there only stripes on my screen?

Makes sure the SCART connector on your TV set and your set-top box is plugged in securely. Switch to the AV channel on your TV set.

O₂ TV/FAQ

Why is the picture too wide (or too narrow)?

A wide-screen TV set requires different set-top box settings than a traditional TV set. Go to the technical settings MENU and under Televize (Television) set the Formát konverze (Conversion Format) item to Orámovat (Frame). If you have a wide-screen TV set connected, change the Typ televize (TV Set Type) item to 16:9. A traditional TV set should have a 4:3 setting.

Why doesn't the sound work?

Make sure the SCART connector on your TV set and your set-top box is plugged in securely. You can also try to swap the connection ends (switch the cable from the TV set to your set-top box and vice-versa).

Try to turn the musical background on and off Moje služby> Nastavení> Hudební podklad (My services>Settings>Musical background), then restart the set-top box with the reset button.

Why can't I play films from the Video Library via an HDMI connector?

When playing films protected by HDCP from the Video Library it is necessary to use a SCART connector.

Why do I get the following failure notice when the set-top box starts running: DHCP setting (option 240) does not contain the correct OPCH address.

Restart your set-top box with the reset button on the front panel. If that does not work, disconnect the set-top box from the power outlet for three minutes. If restarting the modem and the set-top box does not work, contact the O₂ TV technical support line at 800 184 084.

More information and contacts:

O₂ line – service information

800 02 02 02

O₂ Shops

www.cz.o2.com/prodejny

Customer Care Center

*11 when calling from mobile phones

800 123 456 when calling from a fixed line

www.cz.o2.com/o2tv

O₂ eShop

www.o2shop.cz