

SENCOR[®]

SDB 4002M4

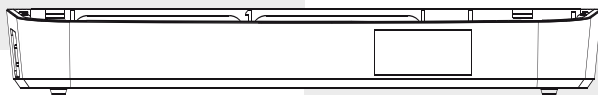
DVB-T RECEIVER

DVB-T PŘIJÍMAČ

DVB-T PRIJÍMAČ

DVB-T VEVŐKÉSZÜLÉK

ODBIORNIK DVB-T



USER'S MANUAL
NÁVOD K OBSLUZE
NÁVOD NA OBSLUHU
HASZNÁLATI ÚTMUTATÓ
INSTRUKCJA OBSŁUGI

EN CZ SK HU PL

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Important safety instructions

If you want to use this product correctly, carefully read this user's manual and store it for future reference.

General safety instructions

- Read this user's manual. Keep the user's manual in a safe place for future reference. If you give this device to a third party, hand over the user's manual together with the device.
- Follow the instructions contained in this user's manual.
- Heed **all** warnings.
- Adhere to **all** instructions.
- Use only accessories determined by the manufacturer.
- An open flame must not be placed on the device, e.g. a burning candle.
- Use the device in a temperate climate zone.
- Neither the manufacturer nor the vendor of the device under any condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, set-up, use, servicing or cleaning of this device as described in this user's manual.
- Protect the device against being knocked, dropped, hit, shaken and against vibrations, humidity and dust.
- Before allowing children to use the device, they must be appropriately to their age, informed about the correct and safe use of the player.

Installation, operation

- Install the device according to the instructions in the user's manual.
- Leave free space on **all** sides of the device, necessary for proper air circulation. This removes the heat created during operation. Covering the device housing creates the risk of overheating or damage to the device. It is necessary to ensure that the ventilation openings are not blocked, e.g. by a newspaper, table cloth, curtain, etc. Follow the installation instructions in the user's manual. If proper device ventilation is not maintained, its surface may be hot!



WARNING! HOT SURFACE!

- Using the device for a long time may cause it to become very hot. We recommend providing sufficient space for heat exhaust, at least 10 cm from the top and from the sides of the device. Do not touch hot parts of the device just after switching it off if it has been on for a long time.
- Do not install the device in direct sunlight or near sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures significantly reduce the lifetime of electronic components in the device. Do not use or leave the device in the vicinity of an open fire.

Important safety instructions

- The device must not be exposed to dripping or running water and objects filled with water must not be placed on it, e.g. vases. Protect the device against rain, spray or contact with any other liquid, do not leave or install the device outdoors. Do not use the device outdoors. Not adhering to these instructions creates a risk of electrical shock or fire hazard.
- Do not use this device near water.
- Do not try to circumvent the polarised power plug safety feature. If the power plug cannot be inserted into your power socket, contact a qualified electrician to replace the old type of power socket.
- Before connecting the device into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the device or on its power adapter.
- Make sure that the power cord is not stepped on or compressed, particularly near the power plug, power socket and at the point where it exits the device or the adapter. The power plug (adapter) is used as a disconnection device and must be easily accessible.
- Remember to always disconnect the power plug (adapter) from the power socket before disconnecting the power cable from the back side of the device.
- Disconnect the device from the power socket during storms or if you will not be using it for a longer time.
- Avoid moving the device from a cold environment to a warm one or vice versa, or when using the device in a very humid environment. Air humidity may condense on some components inside the case of the device and the device may stop working temporarily. If this occurs leave the device in a warm and well ventilated place and wait 1 – 2 hours until the moisture evaporates and the device can once more be used as usual. Take care especially during the first use of the player immediately after its purchase during a cold season.

Repairs and maintenance

- To prevent risk of injury through electric shock or the creation of a fire, do not take the device out of the case - there are no parts inside the case repairable or adjustable by the user without relevant equipment and qualifications. Should the device require adjustment or repair, contact a professional service centre.
- In the case of any unusual events occurring during the use of the device, e.g. if there is a distinct smell of burning insulation or smoke comes out of the device, immediately turn off the device, disconnect the device from the power source and do not use the device until you have received the results of an inspection by the employees of the professional service centre.
- Have all repairs carried out by qualified personnel. Repairs are necessary if the device has been damaged in any way, for example if the power cord is damaged, liquid was poured on the device, foreign objects have entered the device, the device has been exposed to rain or moisture, if the device is not working as usual or if it has fallen.
- Clean the device only with a dry cloth.

Important safety instructions

Remote control and batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the device in the vicinity of an open fire.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or the battery.
- Do not use this device near water.
- It is necessary to pay attention to the environmental impact aspects of battery disposal.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
 - Make sure when inserting batteries to correctly align the polarities (+/-).
 - Do not recharge, heat, open or short circuit the batteries.
 - Do not throw batteries into a fire.
 - Do not leave discharged batteries in the remote control.
 - Do not combine various types of batteries or new and old batteries.
 - If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
 - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
 - If electrolyte leaks out from the batteries, have the remote control cleaned by an authorised service centre.

Attention: To prevent a fire hazard or injury by electrical shock, do not expose this device to rain or humidity.

Attention: Batteries must not be exposed to excessive heat, for example sunlight, fire, etc.



This symbol indicates that there is dangerous voltage inside this device, which presents a risk of injury by electrical shock.



This symbol indicates important operating or repair instructions in the device's documentation.

Important safety instructions



This symbol indicates that the device has double insulation between the dangerous mains voltage and the parts accessible to the user. In the event of repairs use only identical spare parts.

Notes on the USB connector:

USB flash drives must be inserted into the device directly. To prevent data transmission failure or its interference do not use USB extension cables. Electrostatic discharges may cause the device to malfunction. In such an event the user must restart the device.

Before using a USB memory device test its ability to communicate with the device and its data reading and writing speed.

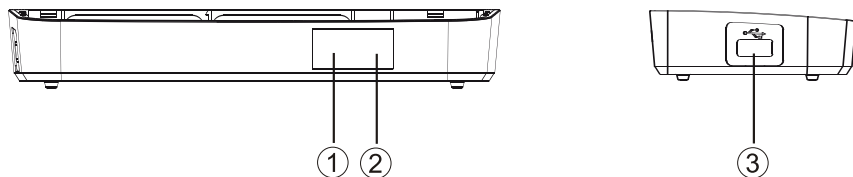
To achieve maximum reading speed we recommend that you keep disk space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB flash disk is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) or complete image loss, audio defects, and in extreme cases the operation will be stopped. Unexpected behaviour of the connected flash drive, or the presence of viruses or other damaging software may cause the functions of the device to stop working, necessitating a restart.

The USB connector is the standard type and is not able to power a USB device with a high power usage (e.g. hard disk drives HDD). Use devices with independent power supplies and power them from their own power supplies.

The device was designed to achieve maximum compatibility with flash drives. With respect to the variety of devices on the market it is not possible to guarantee compatibility with every USB device. In the event of difficulties, try formatting the flash drive directly in the device. If problems persist, use a different flash drive.

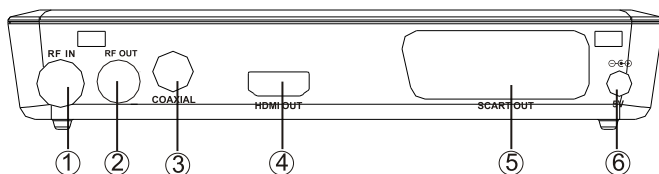
1. Description of the device

Front panel



1. **Standby indicator** – LED indicating device status. The green LED indicates that the device is on and the red LED indicates that the device is in standby mode.
2. **Remote control sensor** - receives the signal from the remote control
3. **USB slot (optional)** – for connecting an external USB 2.0 device

Rear panel



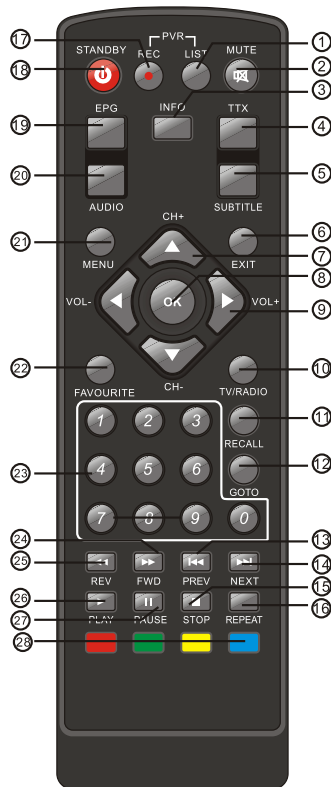
1. **RF IN** jack – for connecting an external antenna
2. **RF OUT** jack – for transferring the antenna signal to a TV or another video system
3. **COAXIAL** jack – for connecting to a digital audio amplifier
4. **HDMI OUT** port – for connecting an external device via HDMI
5. **SCART OUT** connector – for connecting an external device via SCART cable
6. **DC IN 5V** jack – for connecting a 5V power adapter *1

Note:

*1 If you connect an external harddisk to the USB slot then it is necessary for it to be equipped with its own power supply. The harddisk power supply adapter is not included as an accessory.

2. Remote control

1. **LIST** button – for displaying the list of recordings on the current disk
2. **MUTE** button – for immediately muting the audio / restoring the original volume
3. **INFO** button – for displaying additional information about a channel / file
4. **TTX** button – for turning teletext on / off
5. **SUBTITLE** – for selecting a subtitle language
6. **EXIT** button – for returning to the previous screen or menu
7. **UP/DOWN** button – for navigating in the menu up/down; for selecting the next/previous program
8. **OK** button – for confirming a selection or setting; for displaying a list of programs
9. **RIGHT/LEFT** button – for navigating in the menu right/left; increasing/decreasing the volume
10. **TV/RADIO** button – for switching between the TV and RADIO modes
11. **RECALL** button – for switching between the last two received channels
12. **GOTO** button – for selecting a specific point on a recording
13. **PREV** button – for skipping to the previous track during playback
14. **NEXT** button – for skipping to the next track during playback
15. **STOP** button – for stopping media playback
16. **REPEAT** button – for switching repeat playback mode on/off
17. **REC** button – for starting the recording of a DVB-T program
18. **STANDBY** button – for switching on the device from the standby mode / for switching the device to standby mode
19. **EPG** button – for displaying EPG information (Electronic Program Guide)
20. **AUDIO** button – selecting an audio language or an audio mode
21. **MENU** button – for showing the main menu
22. **FAVOURITE** button – for entering the favourites menu
23. Number buttons – for directly selecting a channel or entering numerical values
24. **FWD** button – for fast forwarding during media playback
25. **REV** button – for fast reversing during media playback
26. **PLAY** button – for starting playback / resuming media playback
27. **PAUSE** button – for pausing media playback
28. **Coloured buttons** – for selecting the corresponding colour functions in teletext mode or in other menus



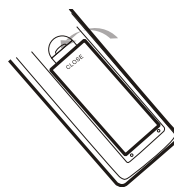
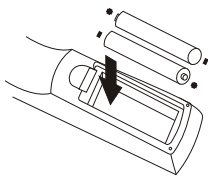
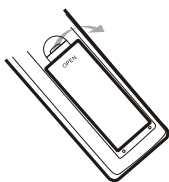
2. Remote control

Replacing the batteries in the remote control

Two AAA batteries are used to power the remote control.

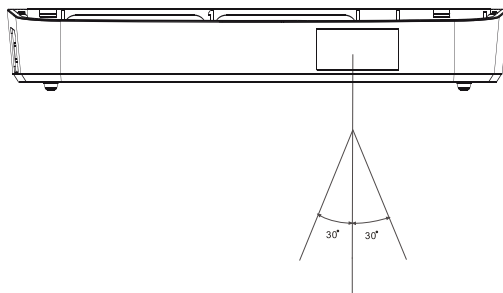
To replace them proceed according to the following the instructions:

1. Open the battery compartment cover.
2. Insert new batteries into the battery compartment so that the symbols + (plus) and – (minus) indicated on the bottom of the compartment are aligned with the symbols + (plus) and – (minus) indicated on the batteries.
3. Close the battery compartment cover.



Using the remote control

- To control the device using the remote control, point the remote control at the device and then press the button with the required function. The effective range of the remote control is up to about 5 meters with a maximum deviation of $\pm 30^\circ$ from the perpendicular direction to the reception sensor of the remote control located on the front side of the device. The falling capacity of the batteries gradually reduces the remote control's range.
- There must be no solid obstacles in the area between the remote control and the device when the remote control is being used. During standard use the lifetime of batteries in the remote control is about 1 year. When the effective range of the remote control is substantially reduced or when there are problems with its use, change both the batteries in the remote control.
- If you will not be using the remote control for a longer period of time, take out both batteries - in this way you will prevent potential damage caused by their leakage.



2. Remote control

Notes about the remote control and the batteries

- Do not expose the remote control or the batteries to direct sunlight or sources of heat, such as heaters, heat exchangers, stoves or other appliances (including amplifiers) that produce heat. Do not use or leave the remote control or the batteries in the vicinity of an open fire.
- Do not expose the sensor on the remote control to direct sunlight or light from fluorescent tubes or other fluorescent source. They may affect the effective range of the remote control or the reliability of the instructions to be performed.
- Neither the remote control nor the batteries may be exposed to dripping or running water and objects filled with water must not be placed on them, e.g. vases. Protect against exposure to rain, spraying or pouring of any kind of liquid. Do not use outdoors. Not following these instructions creates a danger of damage to the remote control or the battery.
- Do not use the remote control or the batteries in the vicinity of water.
- It is necessary to pay attention to the environmental impact aspects of battery disposal.
- The incorrect use of batteries may cause the leakage of the electrolyte and corrosion. To ensure that the remote control works correctly, proceed according to the instructions below:
 - Make sure when inserting batteries to correctly align the polarities (+/-).
 - Do not recharge, heat, open or short circuit the batteries.
 - Do not throw batteries into a fire.
 - Do not leave flat batteries in the remote control.
 - Do not combine various types of batteries or new and old batteries.
 - If you will not be using the remote control for a long period of time, remove the batteries to prevent potential damage caused by a subsequent battery leakage.
 - If the remote control is not working correctly or its operational range is reduced, change all batteries for new ones.
 - If electrolyte leaks out from the batteries, have the remote control cleaned at an authorised service centre.

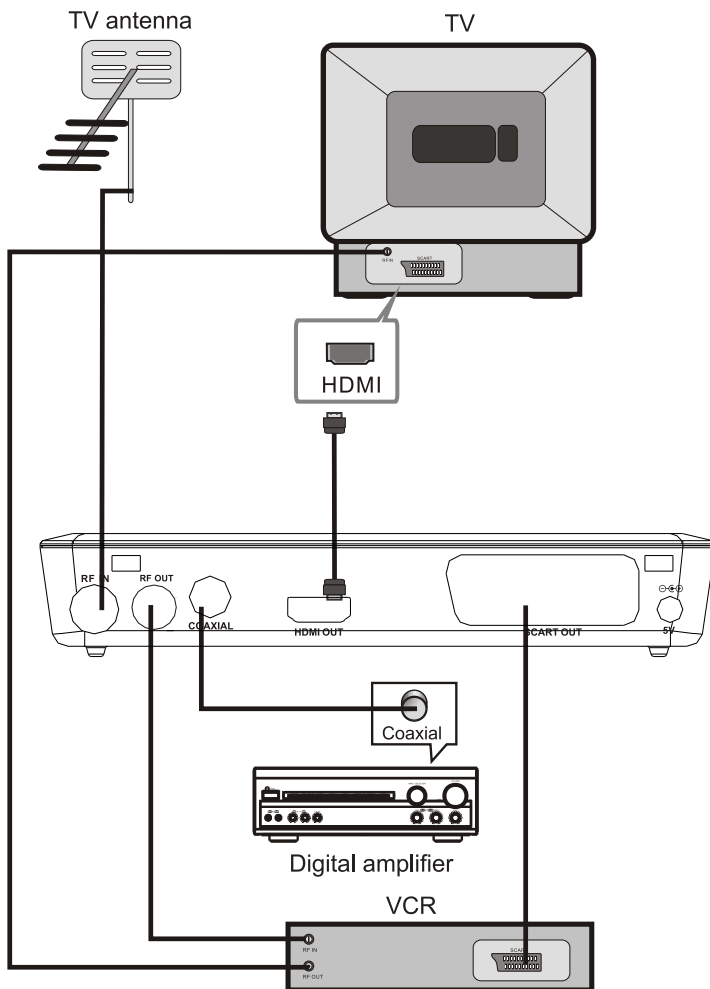
Note:

Remove the batteries if you will be storing the device or not using it for an extended period of time.

3. Installation

Warning:

Before connecting the device into a power socket, check that the voltage in your power socket corresponds to the voltage on the rating label of the device / power adapter. To prevent the risk of injury by electrical shock, never remove the cover or rear part the device or dismantle it in any way.



Note:

If you connect an external device to the receiver such as a TV, VCR or amplifier, carefully read the user's manual of such a device before connecting. Prior to connecting make sure that all devices are unplugged from power sockets.

4. Quick installation

1. Insert the antenna into the input RF-IN jack.
2. Connect the audio and video output from the set top box to the TV.
3. Insert the power plugs of the TV and the set top box into a power socket.
4. Use the **left/right/up/down** buttons to select an **OSD Language**.
5. Use the **left/right/up/down** buttons to select a **Country** of installation – see fig. 1.
6. Select **Automatic search** and press the **OK** button to start scanning for channels – see fig. 2.
7. Wait until the channel scan has finished and then you will be able to watch the TV.



Fig. 4.1. OSD language

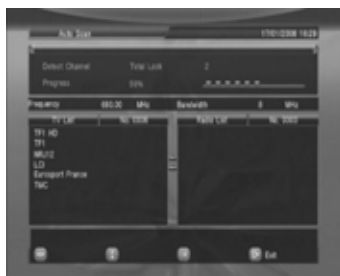


Fig. 4.2. Automatic search

5. User interface

5.1. Installation

5.1.1. Power supply to the antenna

Enables supplying power to an active 5V antenna.

Note: Do not set the option to On (On) if you are using an active antenna.

5.2.1. Country setting

Select the installation location of the device related to the frequency and broadcast bandwidth.

5.1.3. Automatic search

The automatic scan will delete the already scanned channels from the database and based on the country of installation it will perform a scan based on the frequency and broadcast bandwidth. Press the **OK** button to delete the stored channels and to start the automatic scan. The automatic scan may take some time, please wait until the scan has finished. Or press the **EXIT** button to end the scan.

5.1.4. Manual search

The manual scan will add a manually found channel to the channel list. No channel will be deleted from the channel list. For scanning it is necessary to know the frequency and the broadcast bandwidth. If you are searching for a channel that is already stored in the channel list, the current channel will be overwritten by the newly found channel.



Fig. 5.1.1 Manual scan



Fig. 5.2.1 Channel editor

5.2. Channel

In the Channel menu it is possible to manage channels. The following functions are available in this menu: TV Channel Editor (TV Channel Editor), Radio Channel Editor (Radio Channel Editor), EPG and LCN etc.

5.1.2. TV/Radio Channel Editor

The TV/Radio channel editor makes it possible to manage your favourite channels as shown on fig. 2.1.

The FAVOURITE button is used to add TV/radio stations to the favourites list or to remove them from the list.

5. User interface

The RED/GREEN/YELLOW/BLUE button is used to control various functions such as editing, locking, deleting, sorting into groups.

5.2.1.1. Favourites

You can add your favourite channels into 8 preset groups, which are Music, Sport, Shopping, Transport, Movie, News, Fav1, Fav2.

1. Press the **FAVOURITE** button to display the list of favourites.
2. Use the **up/down** buttons to select a channel that you wish to add to the list of favourites.
3. Use the **left/right** buttons to select a favourites group.
4. Press the **OK** button to add a channel to the selected favourites group or to delete it from the favourites group.
5. Press the **EXIT** button to save the list.
6. Press the **OK** button to confirm that you wish to save or the **EXIT** button to cancel it.

If you wish to add another channel to the favourites group, repeat the steps described above.

5.2.1.2. Editing channels

First press the RED button to enter the editing mode.

1. Press the RED button to rename a TV channel / radio station.
2. Press the **GREEN** button to move the position of a TV channel / radio station.
3. Press the YELLOW button to sort TV channels / radio stations.
4. Press the **BLUE** button to skip TV channels / radio stations. You will find the list of skipped channels in the "hidden" channels list.

5.2.1.3. Lock

Press the **GREEN** button to activate or deactivate the lock function on a TV channel / radio station.

5.2.1.4. Delete

Press the YELLOW button to delete a channel or all channels, the result will be saved when you exit the menu.

5.2.1.5. Sorting into groups

Press the BLUE button to switch between channel groups – visible channels and hidden channels.

5.2.2. EPG

The EPG (Electronic program guide) provides information about channels that are being broadcast and at the same time enables planned viewing and recording of programs.

1. On the channel's page use the **left/right** buttons to select EPG.
2. Press the **OK** button to display the EPG page.

During normal viewing press the **EPG** button to enter the EPG menu directly – see fig. **5.2.2.1. List of Channels**

5. User interface

The channel list is located in the left part of the EPG menu. Select a channel for displaying EPG information.

Note:

1. If the selected channel does not contain any information the message "No EPG Event" (No information) will appear.
2. Use the **BLUE** button to switch between channel groups – visible channels and hidden channels.

5.2.2.2. List of events

The events list contains channel events selected by you.

1. Use the **left/right** buttons to switch between the services list and the events list.
2. Use the **left/right** buttons to select the date of the event.
3. Use the **up/down** buttons to select an event.
4. Press the **OK** button to display the details of the selected event.
5. Use the **EXIT** button to return to the channel list.

5.2.2.3. Event detail

It serves to display information about the selected event.

1. Use the **up/down** buttons to select an event.
2. Press the OK button to display the details of the selected event.
3. Use the **up/down** buttons to switch between the next / previous pages.
4. Use the **YELLOW** button to enter the advanced timer mode to plan events – more information further in the user's manual.
5. Use the **EXIT** button to return to the event list.

5.2.2.4. Book events

In the event list and in the event detail press the **YELLOW** button to go directly to the advanced timer and to plan viewing or recording events – see picture 2.2.2.



Fig. 5.2.2.1 EPG



5.2.2.2. Event detail

5.2.3. LCN

Turn the logical channel number function on / off.

5. User interface

5.3. Time

5.1.3. Automatic time zone

1. On (On) – the system automatically checks the time with the PTS and the current channel.
2. Off (Off) – The system checks the time only when the device is turned on and the device will refresh the time itself.

5.2.3. Time zone

You can set the time zone shift and the system will automatically perform the time change.

This option is available if the automatic time zone function is turned off.

5.3.3. Date

This option only displays the current date, it is not possible make changes to it.

5.3.4. Current time

This option only displays the current time, it is not possible make changes to it.

5.3.5. Sleep timer

Set the sleep timer: 15, 30, 45, 60, 90, 120 minutes, after this time the device will automatically switch to the stand-by mode.

5.3.6. Advanced timer

The advanced timer is a function for planning playback or recording events. Here there is a total of 10 timers and you can add, edit, delete events in each timer.

1. If you add a new event to a timer and this event clashes with an already saved event, a dialogue box will appear informing you about this fact.
2. As soon as the new event is successfully stored in the list, the events in the list will automatically be sorted by time (from the most recent).
3. If you manually add a channel number and the number exceeds the maximum channel number available, the system will automatically set the number to the correct one.
4. If the device is in the sleep mode and the event start time occurs, the device will automatically start playing or recording the events. After an event has finished the device will again automatically switch to the stand-by mode.
5. If the repetition event mode is set to "Once", then this event will be deleted from the event list after it has finished. After the event has finished, the time for events that are marked as repeating daily, weekly, weekends, workdays will be automatically moved to the time given by the repetition mode. Such an event can only be deleted manually.
6. If an event is to be recorded and the device detects that no recording device is connected, a dialogue box will appear informing you about this fact. Always connect the recording device to the device before the recording process is started.

5. User interface



Fig. 5.3.1. Setting the time



Fig. 5.3.6. Advanced timer

5.4. TV settings

5.1.4. TV format

Select a appropriate TV format from the following: 4:3LB, 4:3PS, 16:9LB and 16:9FIT.

5.2.4. TV mode

Select a TV mode from PAL or NTSC.

5.3.4. Video output

Select a video output mode.

1. The HDMI mode cannot be used unless the device and the TV are connected using an HDMI cable.
2. If you select the SCART (CVBS), SCART (RGB) or RCA (CVBS) option, the resolution of the TV will change automatically to the corresponding output value, 576i for PAL and 480i for NTSC.
3. If the device detects an HDMI connection, this connection will be automatically selected.

5.4.4. TV resolution

This option is used to set the TV resolution in the HDMI mode.

1. If you select the SCART (CVBS), SCART (RGB) or RCA (CVBS) option, the resolution of the TV will change automatically to the corresponding output value, 576i for PAL and 480i for NTSC and the TV resolution option will not be available.
2. If the HDMI connection is selected, the following resolutions will be available for PAL: 720p_50Hz, 1080i_50Hz and Auto; and for NTSC the following resolutions will be available: 720p_60Hz, 1080i_60Hz and Auto.
3. If the YUV connection is selected, the following resolutions will be available for PAL: 576i, 576p, 720p_50Hz, 1080i_50Hz a 1080p_50Hz; and for NTSC the following resolutions will be available: 480i, 480p, 720p_60Hz, 1080i_60Hz a 1080p_60Hz.

5.4.5. OSD transparency

Set the transparency of the OSD.

5. User interface

5.4.6. Banner display time

Set the banner (message) display time on the screen.

5.4.7. Automatic stand-by

This function is used to switch to the stand-by mode after 3, 4 or 5 hours if no button is pressed or you do not perform any action.

5.4.8. Digital audio output

Select the type of digital audio output, LPCM or RAW.



Fig. 5.4.1. TV setup



Fig. 5.1.5. Language

5.5. Language

5.1.5. OSD language

Select the OSD language.

5.2.5. Audio language

Select the preferred audio language. Each time you change a channel, the system will automatically check whether it is possible to use the set audio language for the given channel. If yes, the language will automatically be used.

5.3.5. Subtitle language

Select the preferred subtitle language. Each time you change a channel, the system will automatically check whether it is possible to use the set subtitle language for the given channel. If yes, the language will automatically be used.

If you do not want the system to automatically check the language, then set this function to Off (Off).

5.6. Others

5.1.6. Parental control

In the "Parental control" menu you can set the menu lock, channel lock, administrator lock, password lock, the default password is "0000".

5. User interface



Fig. 5.1.6. Parental control

5.6.1.1. Menu lock

If this function is on (On), you will be requested to enter a valid password to enter a menu or submenu such as for example Automatic scan, Manual scan, TV channel / Radio editor, Parental control, Restore&Backup, Factory settings, etc.

5.6.1.2. Channel lock

If this function is turned on (On), you will be requested to enter a valid password to display a channel, which has been locked in the Channel editor menu. The request to enter a valid password may appear also when entering a menu or submenu such as for example Automatic scan, Manual scan, TV channel / Radio editor, Parental control, Restore&Backup, Factory settings, etc.

5.6.1.3. Administrator lock

This option is used to set the rating of channels. If the rating of the current channel is higher than the age set in this option the channel will be locked and you will be requested to enter a valid password.

5.6.1.4. Change the password

If you know the password, you can change it in this menu. If you restore factory settings, the password will be reset and the one that you set will be deleted.

5.2.6. Update and backup

This menu is used to update firmware using a USB device and to backup the firmware to a USB device.

5.6.2.1. Image update

This is used to update a database or the firmware of the device using a USB device.

1. Enter the update submenu.
2. Select a device, directory and file for the update (*.ssu).
3. Press the **OK** button to start the update.

5. User interface

5.6.2.2. Image backup

This is used to backup the database, firmware or applications to a USB device.

1. Enter the backup submenu, select the type of backup.
2. Select a device and directory.
3. Select an existing file or overwrite it or select "Add New File" (Add new file) to create a backup on a new file.
4. Press the **OK** button to start the backup.

OTA

This is used to update the firmware from the TV's broadcast.



Fig. 5.2.6. Image update



Fig. 5.3.6. Image backup

5.3.6. Factory settings

Restore all performed settings to the factory set values. All channels will be deleted.

4.6.5. Calendar

Calendar all the way to 2038.

5.6.5. Calculator

5.6.6. Games

Currently there are three games available: Boxman, Tetris and Gobang.

5. User interface

5.7. USB

5.1.7. Multimedia

This selection is used for the playback of multimedia files, movies, music, photos, my recorder.



Movie

1. Film thumbnails / Directory

There are two browsing modes in the video file manager – thumbnails or directory. These functions are available in the menu.

Green button – switching between browsing modes (thumbnails or directory).

Yellow button – toggle thumbnail mode.

Red button – enter video playback settings

- (1) Random – playback in random order
- (2) Repetition – select the repeated playback mode
- (3) Text coding – select the text coding for subtitles

MENU/EXIT – return to the previous menu

2. Playback

On the video file display screen select the desired video file and press the **OK** button to play it.

Red button – enter video playback settings

- (1) Random – playback in random order
- (2) Repetition – select the repeated playback mode
- (3) Text coding – select the text coding for subtitles

GOTO button – select a specific point in the playback and by entering the time values for this point you will go to it. If you select an incorrect value then playback will continue normally.

Left/right – increase / decrease the volume

Up/down – change the movie manually

Audio button – select the audio for the movie

SUBTITLE button – select the subtitles for the movie

5. User interface

Note:

1. If subtitles are not available, it will not be possible to display them.
2. Select the correct text coding for the subtitle language otherwise the subtitles will be displayed with incorrect diacritics.

MENU/EXIT – return to the previous menu



Fig. "Thumbnails" / Directory (Video) mode Fig. Playing movies

Music

1. Music thumbnails / Directory

There are two browsing modes in the music file manager – thumbnails or directory. These functions are available in the menu.

Green button – switching between browsing modes (thumbnails or directory).

Yellow button – toggle thumbnail mode.

Red button – enter music playback settings

- (1) Random – playback in random order
- (2) Repetition – select the repeated playback mode
- (3) Information about options – display information about the track, display song lyrics during playback
- (4) View – display the cover or the equaliser during playback

MENU/EXIT – return to the previous menu

2. Playback

On the music file display screen select the desired file and press the **OK** button to play it.

Red button – enter music playback settings

- (1) Random – playback in random order
- (2) Repetition – select the repeated playback mode
- (3) Information about options – display information about the track, display song lyrics during playback
- (4) View – display the album cover or the equaliser during playback

Left/right – increase / decrease the volume

Up/down – change the track manually

OK button – play / pause playback

MENU/EXIT – return to the previous menu

5. User interface



Fig. "Thumbnails" / Directory (Music) mode Fig. Playing music

Photos

1. Photo thumbnails / Directory

There are two browsing modes in the photo file manager – thumbnails or directory. These functions are available in the menu.

Green button – switching between browsing modes (thumbnails or directory).

Yellow button – toggle thumbnail mode.

Red button – enter photo slideshow settings

- (1) Random – slideshow in random order
- (2) Repetition – select the repeated slideshow mode
- (3) Interval time – set the time interval for the photo slideshow
- (4) Effect – activate/deactivate the effect function during the photo slideshow

MENU/EXIT – return to the previous menu

2. Playback

In the photo display screen select the desired file and press the **OK** button to open it.

Red button – enter the music playback setting options

- (1) Random – slideshow in random order
- (2) Repetition – select the repeated slideshow mode
- (3) Interval time – set the time interval for the photo slideshow
- (4) Effect – activate/deactivate the effect function during the photo slideshow

Green button – press the green button to playback music while viewing photos.

Yellow/blue button – used to rotate photos left/right, after a rotation is performed, the photo slideshow will be paused

Left/right – increase / decrease the volume

Up/down – manually view the photos, the photo slideshow will be paused.

OK button – play / pause the slideshow

MENU/EXIT – return to the previous menu

5. User interface

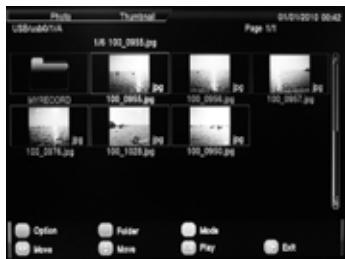


Fig. "Thumbnails" / Directory (Photos) mode

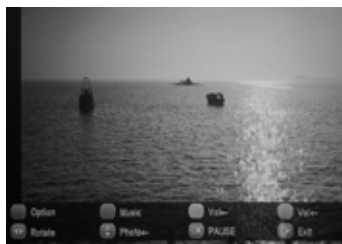


Fig. Photo slideshow

My recordings

1. My Recorder – list

You can find the list of the saved files in the list after pressing the **LIST** button. These functions are available in the menu.

Red button – rename function

Green button – select a USB device and the directory with the recordings.

Note:

1. The capacity of the connected memory will be shown as well as information about how much memory is used (Used), free (Free) and total memory available (Total).
2. You can also select the format function. Before using this function, make sure that you have backed up the data stored on the USB device. Formatting will delete all data.

Yellow button – select the file that is to be deleted.

Blue button – delete function

Play button – playback files in fullscreen

MENU/EXIT – return to the previous menu

2. Playback

On the display screen select the desired file and press the **PLAY** button to play it.

Green button – step function

Yellow button – zoom in function (Zoom+). Press the **MENU/EXIT** button to display in normal size.

Blue button – zoom out function (Zoom -). Press the **MENU/EXIT** button to display in normal size.

Left/right – increase / decrease the volume

Up/down – change the file manually

OK button – play / pause the slideshow

MENU/EXIT – return to the previous menu

5. User interface



Fig. My recordings



Fig. Playing files

5.2.7. Recording settings

This option is related to the recording function and contains the functions: Time Shift (Time shift), One button Recording (Record by pressing one button), Default Recording Period (Preset recording duration) and Time Shift Size (Time shift size).

5.7.2.1. Time shift

There are two recording modes in the menu – PAUSE and AUTO. If you select "Off" (Off) the function will be turned off.

AUTO: The system automatically activates the Time Shift function as soon as you enter normal playback mode.

PAUSE: When watching a program in normal playback mode you can pause playback using the **PAUSE** button. After resuming playback by pressing the **PLAY** button, the system will switch into Time Shift mode. Stored data will be deleted as soon as you exit the Time Shift mode.

OFF: The Time Shift function will be deactivated in the normal playback mode but you can activate the Time Shift function while recording by pressing the **PAUSE** button.

Note:

If there is no USB memory device connected to the device, this function will not be available.

5.7.2.2. Recording by pressing one button

Turn the one button recording function on / off.

If the function is turned on, use the **REC** button to start recording a channel directly with the function of the preset recording duration.

If the function is off and you press the **REC** button, a menu for the selection of the recording duration will appear. Select a recording duration and press the **OK** button to start recording.

5.7.2.3. Preset recording period

Preset recording period for a recording.

5. User interface

5.7.2.4. Time Shift Size

The system automatically detects the presence of a USB device and automatically determines the capacity of the USB device for Time Shift. This function cannot be modified, it serves only as information for the user.

5.7.3 Device disconnected

It is used to safely disconnect a US device.



Fig. 5.1.7 Recording setup

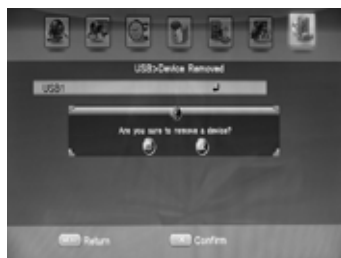


Fig. 5.7.3 Device disconnected

6. Playback

6.1. PVR

PVR properties

Supports single-band TS recording
 Supports the Time Shift (Time shift) function
 Supports the playback function, including pause, fast forward / reverse
 Supports background recording on the same TP
 Supports radio recording
 Supports FAT32/NTFS formats
 Supports recording functions: audio, video, teletext, subtitles, etc.

Manual recording

Press the **REC** button to manually start recording in normal playback mode.

Planned recording

Planned recording can be performed using the "Advanced timer" function. Manually enter into the recording timer or select an event from the EPG.

6.2. Information

Repeatedly press the **INFO** button to display more information about the currently watched channel, e.g. information about the current and subsequent program, details about the current program, information about signal quality and strength, etc.

6.3. Channel list

Press the **OK** button to display the channel list in normal playback mode.

6.4. EPG

Press the **EPG** button to enter the EPG menu or enter the EPG from the main menu.

6.5. Favourites

Repeatedly press the **FAVOURITE** button to select a favourites group and use the **up/down** buttons to select a channel from the selected favourites group.

6.6. Audio

In the normal playback mode press the **AUDIO** button to open the audio language menu and select the desired audio language and audio mode (LR/LL/RR).

6.7. Subtitles

Press the **SUBTITLE** button to enter the subtitle language menu and select the desired subtitle language.

6.8. Teletext

Press the **TTX** button to enter the teletext menu.

Press the **INFO** button to increase the size of the displayed information.

Use the **up/down** buttons to rotate pages or use the **0-9** buttons to enter the number of the desired page.

6. Playback

6.9. Teletext subtitles

Press the **SUBTITLE** button to enter the subtitle language menu, then use the **left/right** buttons to switch to teletext subtitles (TTX Subtitle), press the **OK** button to select an available teletext subtitle language.

You can also press the **TTX** button to enter the teletext menu, use the **left/right** buttons to switch to teletext subtitles (TTX Subtitle) and use the **OK** button to select an available teletext subtitle language.

6.10. Channel status

No signal

If the device is not receiving any signal, the message **"No signal"** will appear on the screen.

(No signal).

No service

If there are no programs available for the selected channel, the message **"No service" (No Service)** will appear on the screen.

Scrambled service

If the channel you select is encoded, the message **"Scrambled Service" (Encoded service)** will appear on the screen. It is not possible to watch a encoded channel. To watch it, please contact the operator of the channel.

Channel lock

If the selected channel is locked using the parental lock, it is necessary to first enter a valid password before it can be viewed.

7. Troubleshooting

Before contacting the service centre, please perform the following simple checks. If problems persist, disconnect the device and contact a service centre.

Problem	Possible cause	Remedy
No picture.	The device is not plugged into a power socket.	Connect the power plug to the power socket.
	You didn't press the STANDBY button.	Press the STANDBY button.
No signal available	The DVB-T cable is not connected.	Connect the DVB-T cable.
	Incorrect system set-up	Set the correct system parameters.
No sound.	Audio cable not connected or incorrectly connected.	Correctly connect the audio cable.
	You pressed the MUTE button.	Press the MUTE again or use the button VOL+.
	Incorrect audio track.	Try a different audio track.
The audio is OK but there is no display.	Audio cable not connected or incorrectly connected.	Correctly connect the audio cable.
	You are listening to the radio.	Press the TV/RADIO button to switch to TV reception.
Remote control is not working.	The battery is flat.	Replace the battery.
	The remote control is not aimed at the sensor or is too far.	Aim the remote control at the scanner or get closer to the device.
The display suddenly disappears or breaks down.	Weak signal.	Relocate the antenna for better signal reception.

8. Technical specifications

Tuner	Input frequency	170 – 230 MHz 470 – 860 MHz
	Input level	-25 – -78 dBm
	Bandwidth	7 MHz and 8 MHz
	Modulation	QPSK, 16 QAM, 64 QAM
Video	Decoder format	MPEG4 AVC/H.264 HP at L4 MPEG2 MP at ML.HL
	Output format	480i, 480P, 576i, 576P, 720P, 1080i, 1080P, 4:3 and 16:9
	Output port	HDMI, SCART
Audio	Decoder format	MPEG-1 (layers 1 and 2)
	Audio output	Digital audio: S/PDIF
Power source	5V direct current	
Power consumption	max. 8W	

The technical specifications provided above may change without prior notice.

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.

CE This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.

EN Warranty conditions

This product is warranted for the period of 24 months from the date of purchase to the end-user. Warranty is limited to the following conditions. Warranty is referred only to the customer goods using for common domestic use. The claim for service can be applied either at dealer's shop where the product was bought, or at below mentioned authorized service shops. The end-user is obligated to set up a claim immediately when the defects appeared but only till the end of warranty period. The end-user is obligated to cooperate to certify the claiming defects. Only completed and clean (according to hygienic standards) product will be accepted. In case of eligible warranty claim the warranty period will be prolonged by the period from the date of claim application till the date of taking over the product by end-user, or the date the end-user is obligated to take it over. To obtain the service under this warranty, end-user is obligated to certify his claim with duly completed following documents: receipt, certificate of warranty, certificate of installation.

This warranty is void especially if apply as follows:

- Defects which were put on sale.
- Wear-out or damage caused by common use.
- The product was damaged by unprofessional or wrong installation, used in contrary to the applicable instruction manual, used in contrary to legal enactment and common process of use or used for another purpose which has been designed for.
- The product was damaged by uncared-for or insufficient maintenance.
- The product was damaged by dirt, accident of force majeure (natural disaster, fire, flood).
- Defects on functionality caused by low duality of signal, electromagnetic field interference etc.
- The product was mechanically damaged (e.g. broken button, fall).
- Damage caused by use of unsuitable media, fillings, expendable supplies (batteries) or by unsuitable working conditions (e.g. high temperatures, high humidity, quakes).
- Repair, modification or other failure action to the product by unauthorized person.
- End-user did not prove enough his right to claim (time and place of purchase).
- Data on presented documents differs from data on products.
- Cases when the claiming product cannot be identified according to the presented documents (e.g. the serial number or the warranty seal has been damaged).