

# SENCOR®

## SDB 4001M4

DVB-T RECEIVER

DVB-T PŘIJÍMAČ

DVB-T PRIJÍMAČ

DVB-T VEVŐKÉSZÜLÉK

ODBIORNÍK DVB-T

ПРИЕМНИК DVB-T

DVB-T IMTUVAS



USER'S MANUAL  
NÁVOD K OBSLUZE  
NÁVOD NA OBSLUHU  
HASZNÁLATI ÚTMUTATÓ  
INSTRUKCJA OBSŁUGI  
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ  
NAUDΟJIMO INSTRUKCIJA

# Contents

Important safety instructions . . . . .	2
1. Description of the product . . . . .	6
2. Remote control . . . . .	7
3. Connection . . . . .	10
4. First installation . . . . .	11
4.1 Program Manage Setting . . . . .	11
4.2 Program Edit . . . . .	11
4.3 EPG (Electronic Program Guide) . . . . .	13
4.4 Sort . . . . .	14
4.5 LCN (Logical Channel Numbers) . . . . .	14
4.6 Video Setting . . . . .	14
4.7 Channel Search . . . . .	15
4.8 Time Setting . . . . .	16
4.9 Options . . . . .	17
4.10 System Setting . . . . .	18
Playback from USB devices . . . . .	19
5. Troubleshooting . . . . .	22
Technical specifications . . . . .	23

# 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. burning candle.
- Use the device in a temperate climate zone.
- Neither the manufacturer nor the seller of the device under no condition takes responsibility for any direct or indirect damages caused by not adhering to instructions for installation, set-up, use, service 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.
- 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.

# Important safety instructions

- 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, ex. 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.

## 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) producing 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.

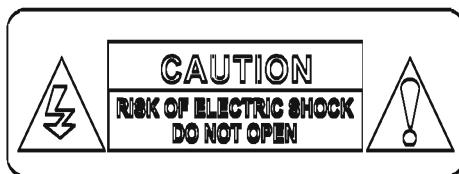
# Important safety instructions

English

- 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.



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.

## Important safety instructions

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

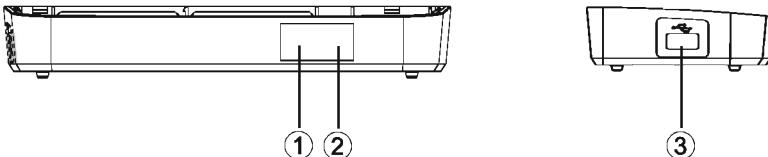
To achieve maximum reading speed we recommend that you keep disc space defragmented. Use the FAT32 file system, a single partition, without protection. If reading and writing on the USB flash disk is not continuous, undesirable effects may occur such as partial image loss (distortions/checkering effects) 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 appliance. If problems persist, use a different flash drive.

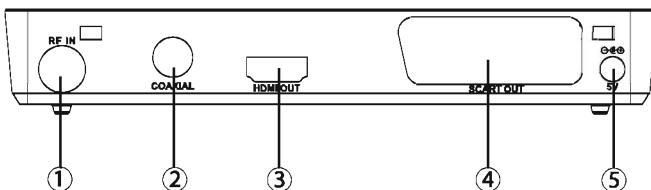
# 1. Description of the device

## 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 – used to connect a 2.0 USB flash drive

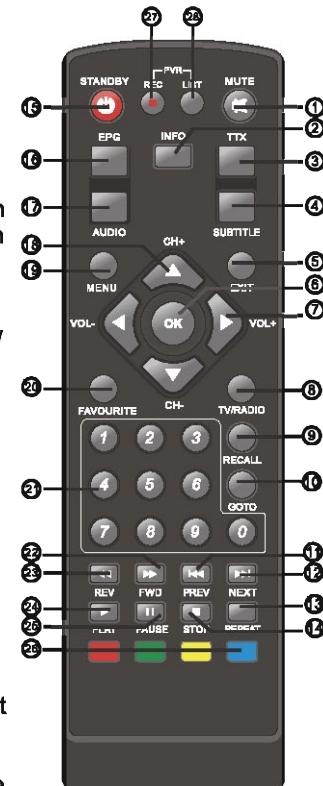
## Rear panel



1. RF IN Jack – for connecting an external antenna
2. COAXIAL – Jack for connecting to a digital audio amplifier
3. HDMI OUT Jack – for connecting an external device via HDMI
4. SCART OUT Jack – for connecting an external device via SCART cable
5. 5V Jack – for connecting a 5 V power adapter

## 2. Remote control

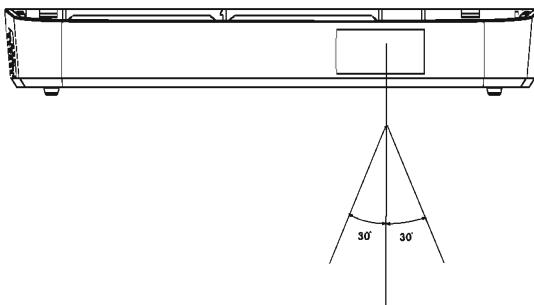
1. **MUTE** Button – for immediate muting of audio/ restoring original volume
2. **INFO** Button – for displaying additional information on a channel/file
3. **TTX** Button – for ON/OFF switching of teletext (if available for received channel)
4. **SUBTITLE** Button – for selecting a language for subtitles, or subtitles in an external file, and making them appear and disappear on the screen
5. **EXIT** Button – for returning to the previous screen or menu
6. **OK** Button – for confirming input or selection/for displaying a list of programs
7. **◀/▶** Button – for navigating in the menu right/left/ increase volume/decrease volume
8. **TV/RADIO** Button – for switching between receiving TV programs or radio stations
9. **RECALL** Button – for switching between the last two received programs
10. **GOTO** Button – for selecting a specific place in the list
11. **PREV** **◀◀** Button – for skipping back to the previous track during media playback/for jumping back to previous channel in DTV mode
12. **NEXT** **▶▶** Button – for skipping forward to the following track during media playback/for jumping forward to following channel in DTV mode
13. **REPEAT** Button – for ON/OFF switching of repeat playback mode
14. **STOP** **■** Button – for stopping media playback
15. **STANDBY** **○** Button – for switching on the device from the standby mode/for switching the device to standby mode
16. **EPG** Button – for displaying EPG information (Electronic Program Guide)
17. **AUDIO** Button – for changing language/audio mode:
18. **▲/▼** Button – for navigating in the menu up/down/for selecting the following/ previous program
19. **MENU** Button – for entering the main menu
20. **FAVOURITE** Button – for entering the favourites menu
21. **Number Buttons** – for directly selecting a channel or entering numerical values
22. **FWD** **◀◀** Button – for fast-forwarding through media during playback
23. **REV** **◀◀** Button – for fast reverse during media playback
24. **PLAY** **▶▶** Button – for starting playback/resuming media playback
25. **STOP** **■** Button – for stopping media playback
26. **Coloured buttons** – for selecting the corresponding colour functions in teletext mode
27. **REC** button – for starting the recording of a DVB-T program
28. **LIST** Button – for displaying a list of recordings on the current disc/for USB recording and playback functions



## 2. Remote control

### 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 +/- 30° from the perpendicular direction to the reception sensor of the remote control on the front side of the device. The falling capacity of the batteries gradually reduces the remote control 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.

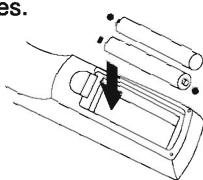
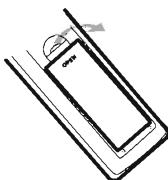


### Replacing the batteries in the remote control

Two AAA batteries are used to power the remote control.

To replace it proceed according to the follow the instructions:

- Open battery compartment cover.
- Insert new batteries in the battery compartment so that the symbols + (plus) and – (minus) indicated on the bottom compartment are consistent with the symbols + (plus) and – (minus) indicated on the batteries.
- Close the battery compartment cover.



## 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) producing 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 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.

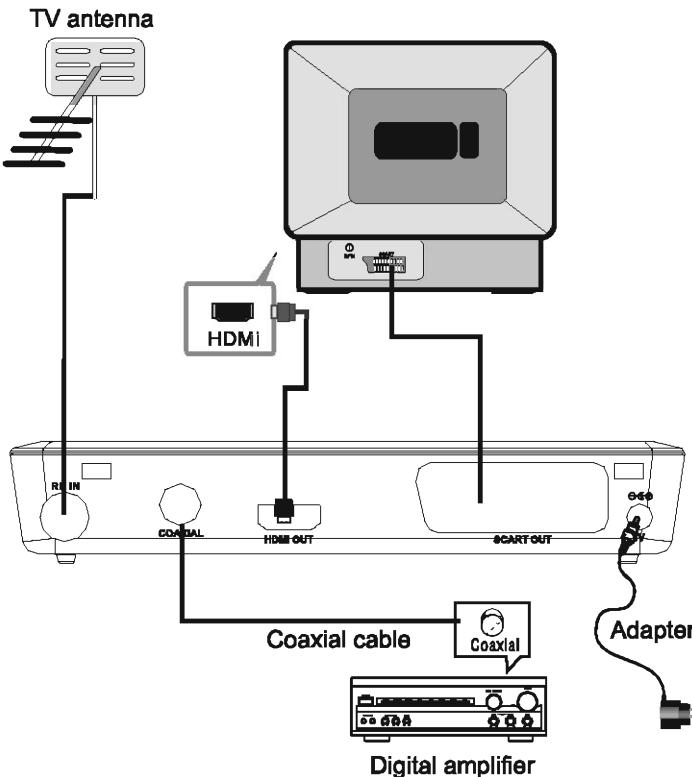
#### Note:

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

### 3. Installation

**Note:**

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 protect from electric shock injury, never remove the cover or rear part the instrument 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 device before connecting. Prior to connecting make sure that all devices are unplugged from the sockets.

## 4. First installation

After correct connection of the device, turn on the television and then the receiver. If you have turned on the device for the first time or you have reset to the factory settings, the first installation will appear.



1. Select **OSD Language** and choose the language using the **</>** buttons.
2. Select **Country** and choose the country using the **</>** buttons.
3. Select **Channel Search** and using the **▶** or **OK** button, choose automatic channel search.
4. After the channel search is complete, you will be able to watch television.

### Basic controls

#### 4.1 Program Manage Setting

Press the **MENU** button to enter the menu and select **Program**.

In the menu you may set the program manager. Make a selection and press the **OK** button or **▶** button. Press the **EXIT** button to leave the menu.



#### 4.2 Program Edit

Using this menu, you can edit the selected channel (lock, skip, favourites list, move or delete). You will be asked to enter a password to edit in this menu. The factory-set password is "000000".

##### 4.2.1 Set Favourite Program

You can create a list of favourite programs for easy access to programs. Follow these steps to include a TV program/radio station into a favourites list:

## 4. First installation

1. Select the program that you want to add to a list and press the **FAVOURITE** button. You may choose from the following lists: Movies, News, Sport and Music. The star symbol at the given program displays and the program will now be added to this favourites list.
2. Repeat this step to add more programs.
3. To confirm selection and exit the menu, press the **EXIT** button.  
To remove the program from a favourites list, choose in the menu in step 1: Block (adding to favourites).

### 4.2.2 View Favourite Program

1. Press the **FAVOURITE** button, and the favourites menu will appear. Press the **◀/▶** buttons to switch between the lists Movies, News, Sport and Music.
2. Press the **▲/▼** buttons to select the favourite program.
3. Press **OK** to display the favourite program on the screen.

### 4.2.3 Delete a TV or Radio Program

1. Select the program that you want to delete and press the **BLUE** button. A dialogue window will pop up. Press the **OK** button to delete the program.
2. If you want to erase another program or station, proceed as described above.

### 4.2.4 Skip a TV or Radio Program

1. Select the program that you want to skip and press the **GREEN** button. The skip symbol displays. The program will be designated for skipping.
2. If you want to skip another program or station, proceed as described above.
3. To confirm selection and exit the menu, press the **EXIT** button. To remove the skip symbol, select the program indicated by the symbol and press the **GREEN** button.

### 4.2.5 Move a TV or Radio Program

1. Select the program that you want to move and press the **RED** button. The skip symbol is displayed.
2. Press the **▲/▼** buttons to move the program.
3. Press the **OK** button to confirm.
4. To move further programs, proceed as described above.

## 4. First installation

### 4.2.6 Lock Program

Using this function, you will be able to lock the selected program to prevent anyone from viewing the program.

1. Select the program that you want to lock and press the **YELLOW** button. The lock symbol is displayed. The program will now be indicated as locked.
2. If you want to lock another program or station, proceed as described above.
3. To confirm selection and exit the menu, press the **EXIT** button.
4. If you want to remove the lock, select the locked program and press the **YELLOW** button.
5. If you want to watch a locked program, you will be asked to enter a password. The factory-set password is "000000".

### 4.3 EPG (Electronic Program Guide)

EPG is an electronic program guide that displays on the screen showing the planned shows on selected channels up to 7 days in advance.

Press the **EPG** button on the remote control to enter the guide. A screen pops up containing: indication of currently selected channel (change using arrows **◀/▶**), the date and time, a list of programs on the selected channel with one program highlighted (change using arrows **▲/▼**) and extended description of the highlighted program.



If the description contains more than one page of information, press the **BLUE** button to display the following pages, press the **YELLOW** button to display the previous page.

#### Note:

The device displays EPG information as it receives it from the transmission. The transmission of all information from a given multiplex (set of several programs on a given channel) may take up to several minutes.

The broadcaster of the given program is responsible for the content, accuracy and up-to-date status of the information on the EPG system. Time information (current time and daylight savings time) and its accuracy is provided for by the operator of the given multiplex.

## 4. First installation

### 4.4 Sort

You can sort channels using this function as follows:

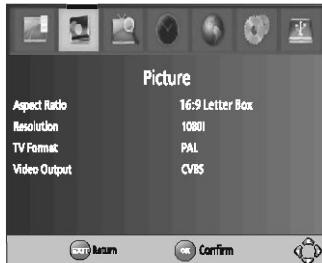
1. LCN – based on the logical channel number system from the transmission
2. ONID – based on tuning order
3. Name of service –based on name of channel
4. ID services –based on station

### 4.5 LCN (Logical Channel Numbers)

ON/OFF function of logical channel numbers.

### 4.6 Video Setting

To enter the menu press the **MENU** button and then select **Picture**. You can set the picture using this menu. Using the **▲/▼** buttons, select an option and set the value by pressing the **◀/▶** buttons. Press the **EXIT** button to leave the menu.



#### 4.6.1 Aspect Ratio

You must set the correct aspect ratio as follows: 16:9 PillarBox, 16:9 Pan&Scan, 4:3 PanScan, 4:3 Letter Box, 4:3 Full, 16:9 Widescreen or Auto.

#### 4.6.2 Resolution

If the screen is not displaying properly, you may have to change the resolution. This option is only available in HDMI mode.

**480i:** for NTSC TV system

**480P:** for NTSC TV system

**576i:** for PAL TV system

**576P:** for PAL TV system

**720P:** for NTSC or PAL TV system

**1080i:** for NTSC or PAL TV system

**1080P:** 50 Hz

## 4. First installation

### 4.6.3 TV Format

If the screen is not displaying properly, you may have to change the format. You must select the format used in your country.

**NTSC:** for NTSC TV system

**PAL:** for PAL TV system (recommended for Europe)

### 4.7 Channel Search

Press the **MENU** button to display the main menu, and here select the item **Search Channel** for setting the channel search method.

Press the **</>** button in order to set.

Press the **EXIT** button to leave the menu.



#### 4.7.1 Auto Search

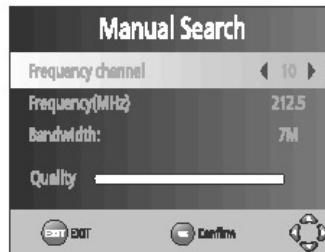
To select and install all channels automatically If you run this function, all of your searched programs searched thus far will be overwritten.

1. Select the item **Auto Search** and press the **OK** button or **>** button to run the search
2. To cancel the auto search, press the **EXIT** button.

#### 4.7.2 Manual Search

Used for searching for new channels manually. Using this function, you may add new programs without changing the current channels list.

1. Select **Manual Search** and press the **OK** button or **>** button. The channel search menu will pop up.



## 4. First installation

2. Using the **◀/▶** buttons, select the transmitting channel; the frequency will be displayed below. Band width is selected automatically depending on the band (VHF/UHF).
3. If on the given channel there is a DVB-T digital transmission, the device will start decoding and after a while it will display its quality (Quality in the red band is insufficient, in the violet band it is temporary, in the blue band it is satisfactory). If the signal quality is sufficient, press the **OK** button to start the search. The device will search for the set of programs on this channel (digital multiplex).

Once the channel is discovered, it is stored and added to the channels list. If the channel cannot be found, the system leaves the menu.

### 4.7.3 Country

Select the applicable country.

### 4.7.4 Antenna Power

Enables power to the antenna if an active antenna is connected.

## 4.8 Time Setting

Press the **MENU** button to display the main menu, and here select the item **Time** for setting the time.

Using the **▲/▼** buttons, select an option and set the value by pressing the **◀/▶** buttons. Press the **EXIT** button to leave the menu.



### 4.8.1 Time Offset

Select automatic or manual settings of the time offset from GMT. Select manual setting if the operator does not give the accurate time data in its broadcasting (ex. time zone or switching to daylight savings time).

### 4.8.2 Country Region

Select the country region if the time offset function is set to Auto.

### 4.8.3 Time Zone

Select the time zone if the time offset function is set to Manual.

## 4. First installation

### Note:

Correct time setting along with receipt of time information from the broadcaster or operator is important for both displaying time data and for planning recording or watching programs. Pay careful attention to setting the time.

### 4.8.4 Auto Standby

If this function is set to "Off", it will be active. If this function is set to "On", a message displays after three hours of inactivity that the device will be switching to standby mode. Press the **STANDBY** button  for leaving the sleep/automatic standby mode.

## 4.9 Options

Press the **MENU** button to display the main menu, and here select the item **Option**. This menu lets you set the OSD language, subtitles language and audio language.

Make a selection and set the value by pressing the / buttons.

Press the **EXIT** button to leave the menu.



### 4.9.1 OSD Language

Select the OSD language.

### 4.9.2 Subtitle Language

Select the preferred subtitle language.

### 4.9.3 Audio Language

Select the preferred audio language for the TV channel. If the language is not available, the priority language will be set.

### 4.9.4 Digital Audio

Select the digital audio output mode.

## 4. First installation

### 4.10 System Setting

Press the **MENU** button to display the main menu, and here select the item **System**. This menu enables you to set the system.

Using the **▲/▼** buttons, select an option and set the value by pressing the **◀/▶** buttons. Press the **EXIT** button to leave the menu.



#### 4.10.1 Parental Guidance

You may limit access to channels that are not suited to children and youth. To lock the channel, you will need to enter the valid password (factory-set at "000000" or a password that you have set).

#### 4.10.2 Set Password

Here you may set or change your password. First enter your old password or factory-set password "000000". Then enter a new password and enter it once again to confirm. After confirming the new password, press the **EXIT** button to leave the menu.

#### 4.10.3 Restore Factory Default

This function serves to restore the device factory default settings. In the main menu, select the option **Restore Factory Default** and press the **OK** button or **▶** to confirm. Enter the valid password (factory-set password "000000" or your selected password). This function restores the original factory settings, and all current settings will be deleted.

#### 4.10.4 Information

For displaying the model, hardware or software.

#### 4.10.5 Software update

If the manufacturer releases new software for the device, it may be loaded onto the device in this selection.

## 4. First installation

### Note:

Updating the device software is a serious action. Make sure you have at your disposal an undamaged file/data source based on manufacturer information. Proceed precisely according to the instructions to the given software file. Not respecting the instructions or an incorrectly performed update may cause irreparable damage to the device that is not covered by warranty.

### 4.11 Playback from USB devices



Insert a USB memory device into the USB slot.

Press the  **MENU** button and using the **</>** buttons select **USB**.

In the **USB** menu, you will be able to play back music, images and multimedia files stored on the **USB** memory device. **USB** supports the formats: **AVI (DivX 4 and 5, XviD), MPG (MPEG1 a 2), MP3, WMA, JPEG and BMP.**

The device supports **USB** devices with the file systems **FAT32 and NTFS**.



#### 4.11.1 Multimedia

After connecting the **USB** device, select from the main menu using the **</>** buttons **USB Music, Photo or Movie** and confirm by pressing **OK**. If the **USB** device is not connected, the message "**No USB device is found**" is displayed.

## 4. First installation



### 4.11.2 Setting photographs

**Slide Time:** for setting the period of displaying Images (In a slide show) In a range of 1 to 8 seconds.

**Slide Mode:** after setting the Image rollover effect (slide show) In modes from 0 – 59 or randomly.

#### Aspect Ratio:

Keep: displaying image in original aspect ratio.

Discard: display full screen image.

### 4.11.3 Movie settings

During movie playback with subtitles in an external file (with same name as the movie and extension SRT, SUB, TXT) its parameters may be selected.

#### Size of subtitles

- normal: the subtitle letter size will be normal
- large: the subtitle letter size will be large
- even bigger: the subtitle letter size will be bigger

#### Subtitle background

- white: subtitles displayed on white background
- transparent: subtitles displayed on transparent background
- grey: subtitles displayed on grey background
- yellow-green: subtitles displayed on yellow-green background

#### Colour of subtitles

- red: subtitles displayed in red letters
- blue: subtitles displayed in blue letters
- green: subtitles displayed in green letters
- white: subtitles displayed in white letters
- black subtitles displayed in black letters

## 4. First installation

**Note:**

There are a large number of ways to compress images and audio and many various codec parameter settings. It may occur for certain codecs that playback of video, audio or both tracks will not be possible

### 4.11.4 PVR

**Recording:** Select a disk for recording

**Format:** Format the selected disk to a FAT32 or NTFS format. Formatting the disk must be confirmed by pressing OK twice, because formatting causes all data to be permanently erased from the disk.

## 5. Troubleshooting

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 STANBY  button.	Press the STANBY  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 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 or incorrectly connected.	Correctly connect the audio cable.
	You are listening to the radio.	Press the TV/RADIO button to switch to TV receipt.
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.

# Technical specifications

<b>Tuner</b>	<b>Input frequency</b>	170 – 230 MHz 470 – 860 MHz
	<b>Input level</b>	-25 – -78 dBm
	<b>Bandwidth</b>	7 MHz and 8 MHz
	<b>Modulation</b>	QPSK, 16 QAM, 64 QAM
<b>Video</b>	<b>Format decoder</b>	MPEG4 AVC/H.264 HP at L4 MPEG2 MP at ML.HL
	<b>Output format</b>	576P, 720P, 1080i, 1080P, 4:3 and 16:9
<b>Audio</b>	<b>Format decoder</b>	MPEG-1 (layers 1 and 2)
<b>Input frequency</b>	VHF: 174 MHz – 230 MHz	UHF: 470 MHz – 862 MHz
	<b>Audio output</b>	Digital audio: S/PDIF
<b>Power source</b>	5 V direct current	
<b>Power consumption</b>	max. 6 W	

## 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.



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.