SENCOR®

SPV 6916M4

PORTABLE TV SET WITH MPEG-4
PŘENOSNÝ TV PŘIJÍMAČ S MPEG-4
PRENOSNÝ TV PRIJÍMAČ S MPEG-4
HORDOZHATÓ TV KÉSZÜLÉK MPEG-4 TUNERREL
PRZENOŚNY ODBIORNIK TV Z MPEG-4
ПЕРЕНОСНЫЙ ТЕЛЕПРИЕМНИК С MPEG-4
NEŠIOJAMASIS TELEVIZORIUS SU MPEG-4

USER'S GUIDE
NÁVOD K OBSLUZE
NÁVOD NA OBSLUHU
HASZNÁLATI ÚTMUTATÓ
INSTRUKCJA OBSŁUGI
РУКОВОДСТВО ПОЛЬЗОВАТЕЛЯ
NAUDOTOJO VADOVAS

EN CZ SK HU PL RU LT

CONTENT

1. IMPORTANT SAFETY INSTRUCTIONS

Important safety instructions
If you want to use the product properly, read the manual carefully and keep it for future reference.

	CAUTION	
	RISK OF ELECTRIC SHOCK DO NOT OPEN	
The lightning symbol within the equilateral triangle indicates that there is dangerous voltage within this device, which presents danger of electric shock.	To reduce the risk of electric shock, do not remove the cover (or the rear part). There are no components inside, which could be repaired by a user. Service should be carried out by an authorized service center.	The exclamation mark within the equilateral triangle indicates important operation and service instructions in the documentation accompanying the device.

General safety instructions
• Read these instructions. Keep the manual in a safe place in case you want to consult it in the future. If you give the device to a third party, pass the device on together with the manual.
• Follow this manual and the instructions inside.
• Heed all warnings.
• Follow all instructions.
• Use only the attachments and accessories specified by the manufacturer.
• You must not put an open flame on the device, e.g. a burning candle.
• Use the device in temperate climate.
• Under no circumstances are the manufacturer or vendor liable for any direct or indirect damage caused by the failure to observe the instructions for installation, configuration, operation, treatment and cleaning of this device included within this manual.
• Protect the device against impacts, falls, blows, shocks, vibration, moisture and dust.
• Prior to granting children consent to use the device, they shall become familiar with the proper and safe use of the player, corresponding to their age.

Notice
The device is a product of advanced technology with high integration and recording density. It represents a portable home device. Do not use in an environment with vibrations, insufficient heat dissipation, or high ambient temperature and unstable power supply, e.g. in a car. Smooth functioning could be disrupted and in extreme cases, the disc or the device could be damaged.

Installation, control
• Install the device according to the instructions in the manual.
• Leave free space around the device, it is necessary for proper air circulation. It helps to dissipate the heat generated by the operation of the device. By covering the air vents of the cabinet, you risk overheating and damage of the device. You must ensure that the air circulation will not be prevented by covering the air vents with e.g. newspaper, tablecloth, curtain, etc. Follow the installation instructions in the manual.
• Do not install the device in direct sunlight, or close to heat sources, like radiators, heat exchangers, stoves or other appliances (including amplifiers) producing heat. High temperatures shorten the life of the electronic components of the device significantly. Do not use and do not leave the device near an open fire.

1. IMPORTANT SAFETY INSTRUCTIONS

- The device must not be exposed to dripping or running water and you must not place upon it objects filled with liquid, e.g. vases. Protect the device against becoming wet, sprayed on or poured on by any liquid, do not leave or install the device outdoors. Do not use the device outdoors. You risk electric shock or fire by not adhering to these instructions.
- Do not use the device close to water.
- Do not try to bypass the security function of the polarized plug. If the plug does not fit into your power outlet, ask an electrician to replace the obsolete outlet.
- Before plugging the device into the power outlet, make sure that the voltage in your power outlet matches the voltage on the rating tag of the device or its AC adapter.
- Make sure that the power cord is not stepped on or compressed, especially close to the plug, the power outlet and at the point where it exits the device or the adapter. The plug (adapter) is used as a disconnection device and has to be easily accessible.
- Remember to disconnect the plug (adapter) from the power outlet before disconnecting the power cord supplying power to the device.
- Disconnect the power cord from the power outlet during thunderstorms, or when not in use for a longer period of time.
- Avoid carrying the device from a cool environment into a warm environment or vice versa, or operating the device in a moist environment. Air moisture may condense in some areas within the device case and may cause the device to become temporarily inoperable. In this case, leave the device in a warm and well-ventilated area and leave for 1–2 hours until the moisture evaporates. The device can be normally used again. Be especially cautious when using the device for the first time during a cool season immediately after purchasing.
- Use only carts, stands, brackets or tables specified by the manufacturer or sold with the device. If you use a cart, be careful to avoid injury when moving the cart with the device.

Service and maintenance
- To avoid risks of electric shock or fire, do not remove the device from the case – the case does not contain components that the user could repair or adjust without the necessary equipment and qualification. Refer to a professional service centre if your device requires service.
- In the event of any unusual occurrences during the use of the device, e.g. smelling the characteristic smell of burning insulation or even seeing a smoke, turn the device off immediately, disconnect the power supply and wait with continuing use of the device until you learn the result of its inspection by the service personnel.
- Leave all service to qualified service personnel. Service is necessary when the device is damaged in any way, for example in case of damage to the power cord, spilling liquid on the device, intrusion of foreign objects into the device, when the device is exposed to rain or moisture, if the device does not function in the usual manner or if it fell.
- Before cleaning, moving, removal of disc from the device and other maintenance, disconnect the plug from the power outlet.
- Clean the device with a dry cloth only.
- Do not use benzene, thinner or other solvents for cleaning.

Remote control and batteries
Do not expose the remote control and batteries to direct sunlight or heat sources, such as radiators, heat exchangers, ovens or other appliances (including amplifiers) producing heat. Do not use and do not leave the device near an open fire.

1. IMPORTANT SAFETY INSTRUCTIONS

Remote control and batteries may not be exposed to dripping or running water and no objects filled with water should be placed on them, for example, vases. Protect them from getting wet, from being sprayed or from spilled liquid of any kind. Do not use outdoors. Failure to do so, risks damage to the remote control or batteries.

Do not use the device close to water.

It is necessary to consider the environmental impact when liquidating the batteries.

The incorrect use of batteries may cause an electrolyte leak and corrosion. For the remote control to operate properly, use these steps:

– Do not insert batteries with wrong polarity.
– Do not charge, heat or open the batteries.
– Do not throw the batteries in the fire.
– Do not leave dead batteries in the remote control.
– Do not combine different types of batteries or old and new ones.
– If you will not use the remote control for a long time, remove both batteries from it, you will prevent an eventual damage to the device by leakage.
– If the remote control does not work properly or its effective range decreases, change the old batteries for new ones.
– If there is an electrolyte leakage from the batteries, have the remote control serviced by an authorized technician.

Warning: To prevent risk of fire or electric shock, do not expose the device to rain or moisture.

Warning: The batteries must not be exposed to excessive heat, for example sunlight, fire, etc.

About USB
Supported file systems: FAT32, NTFS
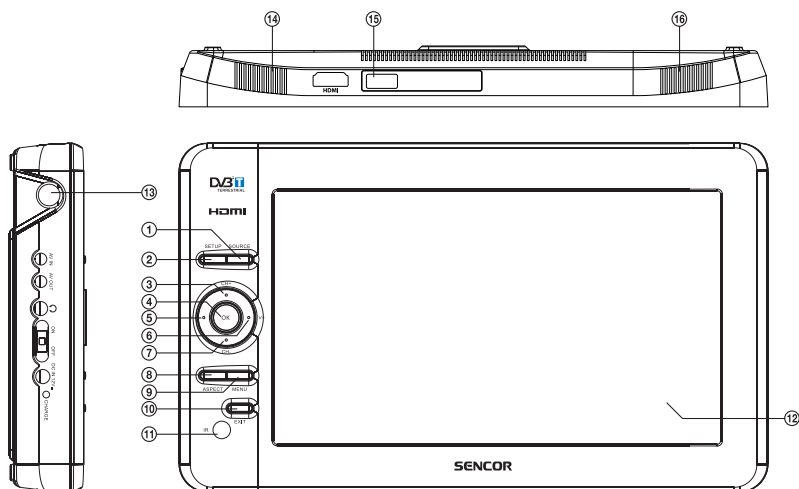**Suported interface version of USB: 1.1 / 2.0**

Note
– Do not disconnect the USB device from the player, if the USB indicator flashes (e.g. during upgrade, BUDA storing, playback of recorded information)!
– When using information storage BUDA the USB device has to be formatted in the FAT32 system.

This device is equipped with anti-copying technology, protected by USA patents and other rights for the protection of the intellectual property of ROVI. Reverse engineering and disassembly is prohibited.

Due to wide range of SD cards/USB devices on the market, it is not possible to ensure the compatibility with all types of SD cards/USB devices.
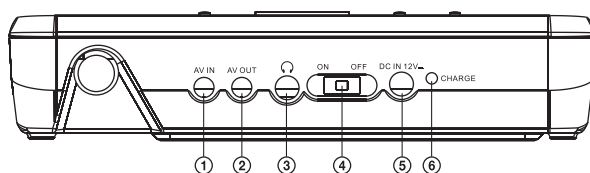
2.   DEVICE DESCRIPTION

Front view

1. **SOURCE** button to select a signal source
2. **SETUP** button to set brightness, contrast and the colour saturation of the LCD screen
3. **CH+** button to move within the menu, if the menu is not displayed, the button is used to select programs from the list.
4. **OK** button to confirm menu selection
5. **VOL -** button to move within the menu, if the menu is not displayed, the button is used to lower the volume.
6. **VOL +** button to move within the menu, if the menu is not displayed, the button is used to increase the volume.
7. **CH -** to move within the menu, if the menu is not displayed, the button is used to select channels from the list.
8. **ASPECT** button to change the aspect ratio of the picture
9. **MENU** button to display the main menu
10. **EXIT** button to exit menu
11. **Remote control sensor**
12. **LCD screen**
13. **ANTENNA INPUT** jack to connect the TV antenna
14. **Left amplifier**
15. **USB port** to connect USB memory
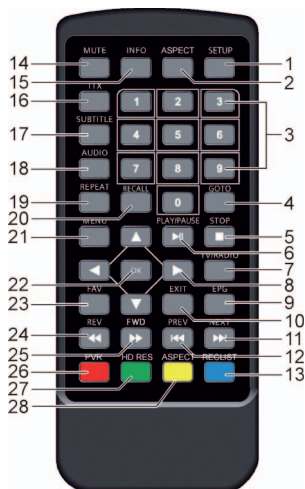16. **Right amplifier**

2. DEVICE DESCRIPTION

Side view

1. **AV IN** jack to connect an external source of composite video signal and analog audio signal to the device
2. **AV OUT** jack – for the output of the composite video signal and of the analog audio signal from the device for their external processing (for e. g. VCR recording)
3. **EARPHONE** jack to connect stereo earphones to the TV set
4. **POWER** switch, to switch the device on/off
5. **DC IN** jack to connect the power adapter to the device. Use 12 V= power adapter.
6. Indicator light **CHARGE** – is red during charging of the built-in battery, changes to green after the battery is fully charged.

3. REMOTE CONTROL

1. **SETUP** to set brightness, contrast and saturation of the TFT screen

2. **ASPECT** to set the picture format (16:9 or 4:3) on the portable TV screen in the DTV mode (ground digital TV reception) and AV (processing of the signal of external devices connected to the TV set).

3. **Number pad** for direct selection of TV programs / to enter numbers in the menus.

4. **GOTO** to find a place in the recording, specified by elapsed playback time

5. **STOP** to stop play

6. **PLAY/PAUSE** to start or to pause playback of the recording

7. **TV / RADIO** to switch the device between TV and radio reception

8. ► to move to the right in the menu / to increase volume

   ◄ to move left in the menu / to lower volume

   ▲ to move up in the menu / to select a program from the list (if menu is not displayed)

   ▼ to move down in the menu / to select program from the list (if menu is not displayed)

9. **EPG** to display the electronic TV Guide

10. **EXIT** to go to previous screen or menu

11. **NEXT** to skip to the beginning of the next song during playback of the music recordings

12. **PREV** to skip to the beginning of the previous song during playback of the music recordings

13. **REC LIST** to display the list of programmed recordings

14. **MUTE** to mute / unmute the device

15. **INFO** to display information about the received TV program

16. **TTX** to switch the device to teletext

17. **SUBTITLE** to select subtitles in the desired language (only in the languages in which the TV program broadcasts subtitles

18. **AUDIO** to select the audio language (only in the languages used by the program)

19. **REPEAT** to switch on/off repeat playback

20. **RECALL** to switch to a TV program being received before switching to currently received program

21. **MENU** to display main menu

22. **OK** to confirm menu selection

23. **FAV** to access the list of favourite programs

24. **REV** to find a required previous place in a recording

25. **FWD** to find a required forward place in the recording

26. **PVR** to start recording a viewed TV program

27. **HD RES** to set the resolution of the video signal for HDMI

28. **ASPECT** to set the picture format for the digital TV reception

3. REMOTE CONTROL

Using the remote control
- For proper functioning of the device, point the remote control at the remote control sensor on the device.
- The effective range of the remote control is about 6 meters, with deviation of ±30° from the perpendicular to the remote control sensor.
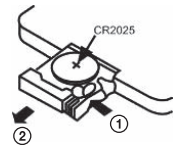
Notes
- Pointing the remote control sensor in the sun or other source of strong light might cause malfunction of the device.
- Protect the remote control from getting wet, spraying and pouring any liquid.
- Do not dismantle the remote control.

Replacing the battery in the remote control
The remote control is powered by one lithium CR2025 battery. To insert or replace batteries in the remote control, follow these instructions:

1. Push the latch of the battery holder to the left and pull out the battery holder from the remote control.
2. Remove the depleted battery from the holder.
3. Insert the new battery in the holder in such a way that the + (plus) sign on the battery is up. Then push the holder with the battery back into the remote control.

Warning:
- Incorrectly inserted battery may leak in the remote control and corrode it or it can explode inside.
- Pay attention to correct polarity when inserting the battery.
- Do not recharge, disassemble or short-circuit the battery – it is dangerous.
- Remove the empty battery from the remote control immediately.
- If you plan not to use the remote control for a longer period of time, remove the battery – you would prevent damage to the remote control from a possible leakage.
- If a battery leaks inside the remote control, it is necessary to clean the battery holder thoroughly before inserting a new battery.
- If you find that the range of the remote control grows shorter, replace the battery.

Handling the rechargeable lithium-polymer battery
Part of the software of the device is a management system of the built-in battery, which helps to use the battery to its maximum capacity.

1. When the voltage of the battery decreases under certain level, the device switches into the "low voltage" mode and a battery icon starts flashing on the screen, notifying the user that it is time to recharge.
2. If the device is connected with the AC adapter, it will serve for both – powering the unit and for charging, regardless if the device is on or off.
3. If the device is not connected to the AC adapter and the user will continue using it, the battery will be eventually emptied (indicated by a battery icon, which will be flashing in the left top corner of the screen), the screen and the sound will be turned off. When you connect the AC adapter to the device, it will switch to normal operation mode (including picture and sound).

4.   THE DEFAULT INSTALLATION OF THE DEVICE

After you connect the signal source to the device and check it, insert in the DC IN jack the AC adapter connector and then plug the adapter into the power outlet.
Press the **POWER** button on the device to switch it on. After turning the device on, the screen displays initial installation menu guide **Installation Guide** with highlighted function **OSD Language** to select the language of the menu and messages on the screen.

1.   Navigate the arrow buttons left/right to select the desired language.
2.   Navigate the arrow buttons up/down to go to the function **Country** and using the arrow buttons left/right select the country of the installation of the device.
3.   Go to the item **Channel Search** and to initiate the search for programs, press the left or right arrow button. The found programs will be saved in the list of all programs.
4.   After the search for programs is finished, the device will be ready for TV reception.

Notice
When searching for TV programs, the device runs a search for radio stations in the same time, and those are saved in the list of radio stations.
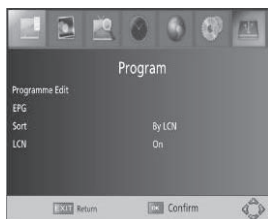The functions related to radio list editing and radio stations reception are identical with the procedures with editing of TV lists and programs.

5. OPERATING THE DEVICE

5.1. Program menu
To access it, press **MENU** and using the arrow buttons select the item **Program**. Using the up/down arrow buttons select from the menu the function which you want to set, or whose setting you want to change, then confirm by pressing **OK**. To set the selected function, use the left/right arrow buttons, then confirm by pressing **OK.**
To end programming and exit menu, press **EXIT** button.

5.2. Program Edit
This function allows blocking of programs (**Lock**), skipping programs (**Skip**), moving a program to another place on the list (**Move**) or deleting program from the list (**Delete**). Besides that, this function allows access to the lists of favourite programs (**Favourite**).
To access the editing function, you will be asked to enter a valid password (**Password**), use the number pad to enter it. The manufacturer's default password is **000000**, you may change it.

List of favourite programs
The list of favourite programs is designed for a fast access to often viewed TV programs.
• To enter a program into the list of favourite programs, switch the device to the program, which you want to enter in the list and then press **FAV** and also select a category (Movie, News, Sport, Music; selecting Block will take that program out of the Favourites list). The program in the favourites list will be marked in all the programs lists by a symbol.
• Repeat this procedure to enter other programs in the list of favourites.
• To end programming and exit menu, press **EXIT** button.
• To receive the program from the list of favourite programs, press **FAV** button, using the up/down arrow buttons select the desired program and after switching to receive it, press **OK.**

To delete a program from the program list
To delete a program from the program list, follow these instructions:
• Select the program which you want to delete from the list and then press the blue button. Warning message will be displayed.
• To delete the selected program, press **OK.**
• Repeat this procedure to delete other programs.

Setting the skip of a program
The program with a set skip will be skipped when navigating through the list of programs **CH+** or **CH–**. To switch the device to receive the program set to be skipped, use the number pad. To set Skip program:
• Select the program which you want to skip, then press **green** button.
• The program set to be skipped will be marked by a symbol in the list of programs.
• Repeat this procedure to set skipping of other programs.
• To end programming and exit menu, press **EXIT** button.

To cancel the skipping of a program, select the program where you want to cancel the skip and the using **green** button turn off the skip symbol.

Moving the program to another location in the list of programs
• Select the program which you want to move to another place in the list of programs and then press **red** button. The selected program will be marked with a symbol of moved program.
• Using the up/down arrow buttons, select the line in the list of programs where you want to move the selected program.
• Confirm by pressing **OK.**
• To end programming and exit menu, press **EXIT** button.

Blocking reception of a program
It is possible to block reception of programs, however, the lock can be cancelled when necessary. To block a program reception follow these instructions:
• Select the program, which you wish to block, then press **yellow** button. The selected program will be marked with a symbol of blocking in the list.
• Repeat these steps to block the reception of other programs.
• To end programming and exit menu, press **EXIT** button.

When you will request to receive a blocked program, you will be asked to provide valid password – Manufacturer's password is **000000**, you can change it. When no password or a wrong password will be entered, switching to the reception of a blocked program will be denied.

5.3. Electronic TV program guide
EPG allows you the view information about TV programs (broadcast times, brief content description (topic) of the program, etc.) on the screen in the range of up to seven consecutive days to the extent given by the TV broadcaster operator.
Depending on the TV station operator, the EPG does not have to be available for all received progrgams.

• To display/ remove EPG information, press the EPG button.
• To display EPG information of the desired program, use the up/down arrow buttons to select the line with the program, of which you want to display the information.
• If the EPG information is displayed on several screens, use the **blue** button to search for the desired information (to display the following screen) or the **yellow** button (to display the previous screen).

5.4. Organizing programs in the program list
The programs can be sorted in the list of programs according to following criteria:
• **LCN** (Logical Channel Number);
• **Name** – Alphabetically by their titles; or
• **Service ID** – by the TV program operators (TV companies).

5.5. Sorting the programs according to logical numbers (LCN)
To sort programs in the list of programs according the this criterion, switch on the function **LCN**, when you desire to sort the programs according to a different criterion, switch the **LCN** off.

5.6. Picture menu
The menu is designed to set functions related to picture setting.
To access the menu, press **MENU** and using the arrow buttons select the item **Picture** from the main menu. Using the up/down arrow buttons select from the menu the function which you want to set, or whose setting you want to change, then confirm by pressing **OK**. To set the selected function, use the left/right arrow buttons, then confirm by pressing **OK.**
To end programming and exit menu, press **EXIT** button.

Aspect Ratio
Use this function to set the desired aspect ratio of the picture – following settings are available:
• To display picture broadcasted with the aspect ration 16:9 on the TV screen with the aspect ration of 4:3, select **4:3 Pan Scan** or **4:3 Letter Box**, or **4:3 Full.**
• To display picture broadcasted with the aspect ratio 16:9, select **16:9 Full Screen**, **16:9 Pillar Box** or **16:9 Pan Scan.**
• To select the picture format automatically, according to the TV signal coming to the TV set, select **Auto.**

Resolution
When an incorrect picture is displayed on the external monitor, it is necessary to change the resolution setting. The following resolutions are generally used for video transfer via HDMI:
• 480i for TV sets designed to process the video signal in the TV system NTSC;
• 480p; for TV sets designed to process the video signal in the TV system NTSC;
• 576i for TV sets designed to process the video signal in the TV system PAL;
• 576p for TV sets designed to process the video signal in the TV system PAL;
• 720p for TV sets designed to process the video signal in the TV systems NTSC or PAL;
• 1080i for TV sets designed to process the video signal in the TV systems NTSC or PAL;
• 1080p for TV sets designed to process the video signal in the TV systems NTSC or PAL;

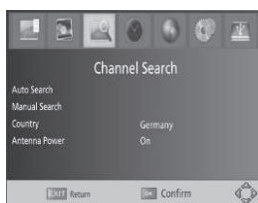## 5. OPERATING THE DEVICE

TV system
You have to set the correct TV system for proper reception of video and audio according to the system used by the TV programs received the location of the device installation:
• To receive programs broadcasted in the NTSC system, select **NTSC**;
• To receive programs broadcasted in the TV system PAL, select **PAL.**

5.7. Channel Search menu
Press the **MENU** button and using the arrow buttons select from the main menu **Channel Search**. To display menu, press **OK**, then use the up/down arrow buttons to select the function, which you want to set, and use the left/right arrow buttons to set the function.
To end programming and exit menu, press **EXIT** button.

Auto Search
A function searching for programs broadcasts in the location of the installation of the device and entering them in the list of programs. The automatic search of programs will overwrite the programs previously entered in the list of programs.
To search for programs automatically, select **Auto Search** and press **OK** or the right arrow button.
To cancel the started automatic search for programs, press the **EXIT** button.
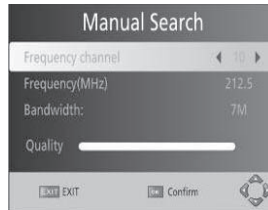
Manual Search

This program search method is suitable to enter a new program into the list of program without changing the current channel list – the newly found programs will be added to the end of the list of programs.

1.   Select Manual Search for manual searching for programs and then press the **OK** button or the right arrow button. The program search screen will be displayed.

2.   Using left/right arrow buttons, select the frequency of the program which you want to find.
3.   To begin the program search, press the **OK** button. The program search will start, the found program will be entered at the end of the program list.

Country

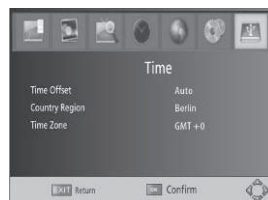Function for specify the country where the device is installed.

Antenna Power

If you are using an antenna amplifier powered by antenna cable, switch it using this function on or off.

5.8.   Time menu

Press **MENU** to display the main menu, using the arrow buttons select the submenu **Time** and to display the functions of the submenu, press **OK.**
Use the up/down arrow buttons to select the desired function, use the right or left arrow buttons to set the selected function. To end programming and exit menu, press **EXIT** button.

Time Offset

Using this function, specify the shift of the local time from the world time.

Region

If the function **Time Offset** is set to **Auto**, specify, using this function, the region of the country where is the device installed.
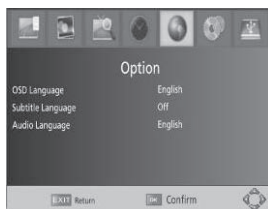
Time Zone
If the function **Time Offset** is set to **Manual** select, using this function, the time zone, where is the device installed.

5.9.   Option menu
Press **MENU** to display the main menu, using arrow buttons select the submenu **Option** from the main menu, and to display the functions of the submenu, press **OK.**
Use the up/down arrow buttons to select the desired function, use the right or left arrow buttons to set the selected function. To end programming and exit menu, press **EXIT** button.

OSD Language
Function to select the OSD language.

Subtitle Language
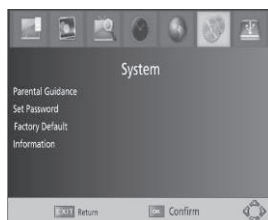Function to select the language of the subtitles.

Audio Language
Function to select the audio language. If the selected language is not available, the audio will use the priority language of the received program.

5.10. System menu
The menu is designed to set some of the functions of the system.
Press the **MENU** button to display the main menu and using the arrow buttons select the submenu **System** and to display the functions of the submenu, press **OK.**
Use the up/down arrow buttons to select the desired function, use the right or left arrow buttons to set the selected function. To end programming and exit menu, press **EXIT** button.

Parental Guidance
A function to limit the access of children and teenagers to programs, broadcasting shows with unsuitable content (sex, violence, etc.).
To block or to allow access to a blocked program, you will be asked to enter a valid password (manufacturer's password **000000**, you can change it – see the following paragraph).

5. OPERATING THE DEVICE

Set Password

To use the change of password function follow these instructions:

1. Use the number pad to enter the valid password (the manufacturer's one is **000000**).
2. Use the number pad to enter a new password (selected by you).
3. To confirm, repeat the new password – after confirmation press **EXIT** to exit the programming.

Switching the device to restore the factory default settings

After selecting the function, press **OK** or the right arrow button. Then, using the number pad, enter the valid password, confirm by pressing **OK**. The device functions will be reset to factory defaults.
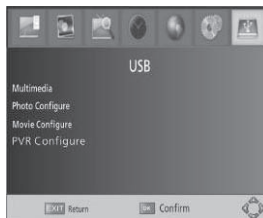
Information

This function displays on the screen the information about the software and hardware and of the model of the device.

Software Upgrade

Function to update software of the device, connected by the USB cable to the USB PC port. Update data stored in PC will be used to update the software.

5.11. Playback from USB

To play the multimedia files use menu **USB**. Press the **MENU** button, and select from the main menu the submenu USB using the arrow buttons and display the functions of the submenu press the **OK** button.

Use the up/down arrow buttons to select the desired function, use the right or left arrow buttons to set the selected function. To end the programming and to leave the menu, press **EXIT.**

The USB menu allows playing multimedia files of following types: AVI, MP3, WMA, JPEG and BMP.

5. OPERATING THE DEVICE

After connecting the USB device with recordings of the above mentioned types of the multimedia files, select the types of files, which you want to play, using the left/right arrow buttons, confirm the selection by pressing **OK**. If there is no USB connected to the device, you will be notified by a displayed message **No USB device found.**
Due to large volume of data stored in USB, the evaluation of the device containing a large amount of data requires longer than "usual" time.

Photo Configure
This function allows to specify some parameters of picture slideshow:
• To specify time of displaying individual pictures (the range is 1–8 seconds) select **Slide Time.**
• Selection **Slide Mode** allows the selection of the transition effects to next picture.
• After the selection of **Aspect Ratio** you can select **Keep** to display the picture with the original aspect ration, after selecting **Discard**, the picture will fill the screen.

Movie Configure
This is a function to set some parameters to play video clips or movies:
• **Subtitle Font** to select the size of characters for movie subtitles (**Small**, **Normal** or **Big**).
• **Subtitle Background** to set the background for the subtitles (**White**, **Transparent**, **Gray**, **Yellowgreen**).
• **Subtitle Colour** to specify the colour of the subtitles (**Red**, **Blue** or **Green**).

5. OPERATING THE DEVICE

PVR Configure
Function to optimize the PVR recordings (personal VCR), it includes the following options:
• **Record Device** to select the device which will be used to record and the size of the time shift.
• **Format** to format the memory medium, which will be used to record. For best results, we recommend to the formatting of each connected medium within the device.
The quality and use of the recording depends on the quality (and especially the speed) of the connected USB memory. Despite maximum effort, it is not possible to guarantee the compatibility with every USB device on the market. Use a different, especially faster, device in case of difficulties. If you use hard disc HDD, use one with its own power supply. USB port of the device cannot power hard discs. To connect memory devices, use short data cables, and if possible do not use any cables.

Fast settings
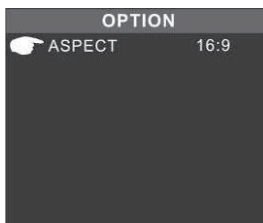The following steps allow fast setting of some functions of the device.

To display screen **PICTURE** allowing to set functions of the picture, press **SETUP** and continue following these instructions:
• Using the up/down arrow buttons, select the picture function, which you want to set (**BRIGHT**, **CONTRAST**, **COLOR**).
• Using the left/right arrow buttons set the desired function according to your needs.
• After ending the programming, press the **SETUP.**

To set the picture format, press the **SETUP** button twice – a screen appears **OPTION** with the option **ASPECT** to set the aspect ratio of the picture.
• Using the up/down arrow buttons select the function which you want to set.
• Using the left/right arrow buttons set the desired function according to your needs.
• After ending the programming, press the **SETUP.**

5. OPERATING THE DEVICE

For fast access to the **SYSTEM** menu, press the **SETUP** button three times – the screen displays the menu **SYSTEM** with functions **LANG** and **S-COLOR.**
• Using the up/down arrow buttons select the function, which you want to set.
• Using the left/right arrow buttons set the desired function according to your needs.
• After ending the programming, press the SETUP button.

6. TROUBLESHOOTING

Problem	Possible cause	What to do when …
Picture is missing.	The device is not connected to power supply.	Connect the device to power supply.
	The device is not on.	Switch on the device.
A message "No Signal" appears.	The antenna is disconnected, damaged or incorrectly directed.	Check the antenna power supply and the direction of the antenna.
	The device is incorrectly set.	Check the settings of the device.
Audio is missing.	Missing or incorrectly connected audio.	Check the audio connection.
	The device is mute.	Press the **MUTE** button – when the sound is missing, press the button again.
Picture is missing.	Missing or incorrect connection of the AV cable.	Check the AV cable connection.
	The device is switched to radio reception.	Press the **TV/RADIO** button to switch the device to TV reception.
Dissolution of the picture in little blocks or freezing of the picture. Intermittent sound.	Weak TV signal. Signal is too strong.	Take measures to adjust the TV signal (more powerful antenna or an installation of antenna amplifier, etc. or, conversely, dampening of the signal, removal of the amplifier).
Remote control malfunctioning.	The battery in the remote control is empty.	Replace the battery in the remote control.
	The remote control is not pointed at the front panel of the device or there is too great a distance between the remote control and the device. Strong lighting.	When using the remote control, point it at the front of the device. Reduce the distance between the remote control and the device. Prevent strong light shining at the sensor (sunlight, fluorescent light, etc.)

7. TECHNICAL DATA

Tuner	Frequencies	170-230 MHz 470-860 MHz
	The input signal level	-25 – -78 dbm
	Bandwidth of the mf signal	7 MHz or 8 MHz
	Modulation	QPSK, 16 QAM, 64 QAM
Video signal	Decoded format	MPEG4 AVC/H, HP64@L4 MPEG2 MP@ML.HL
Audio signal	Decoded format	MPEG-1, layer 1 & 2
Input frequency VHF	VHF: 174-230 MHz	UHF: 470-862 MHz
Display screen	Colour LCD TFT display	
Video output	1 $V_{p.-p.}$ / 75 ohm	
Audio output	2 channels (stereo)	
Power	12 V=	
Power input	15 W	
Dimensions (w x h x d)	26.5 × 15.5 × 3.5 cm	
Weight	0.63 kg	

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 appliance complies with EU rules and regulations regarding electromagnetic and electrical safety.

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

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