User Manual

Trophy TA-1001HD

DVB-C HDTV digital receiver
Trophy-Access decoder
Personal Video Recorder

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Contents

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Device Operation

Safety Requirements
DVB-C HDTV Set Top Box design complies with international safety standards. However, operation with any electric appliances requires caution. We recommend you to ask a qualified master to install the device. If you choose to install it yourself, please read this Operation Manual carefully. Pay special attention to safety requirements below.

Supply Voltage
Power supply must be AC 180 V…250 V, 50/60 Hz. Make sure your power supply complies with these requirements.

Overload
Avoid overloading the supply network by extension cords or adapters. It may cause fire or give you an electric shock.

Liquid Substances
Store liquid substances away from the device and make sure no such substances get inside the Set Top Box.

Foreign Objects
Please keep coins and other small objects away from the device to prevent their getting through the vent slots, which may cause serious damage to your Set Top Box. Getting of insects into the device may also damage the device and, consequently, cause fire.

Cleaning
Disconnect the device from power supply before cleaning. Use soft, slightly damp cloth to clean the surface of the casing. Never use any solvents!

Ventilation
Make sure the vent slots are open and the location where the device is installed allows free air circulation. Never put the device on a soft surface or cloth. Do not operate and never store the device on the heat or under direct sunlight. Never put any other appliances on top of the device.

Connected Devices
Do not connect any unauthorized appliances to the device as it is dangerous and may damage the appliance and this device.

Location
Install the device indoors on hard surface. Make sure the device is well protected from direct sunlight or moisture.

WARNING: Never remove the top or back panel of the device. The device contains no parts and units which can be handled by the user. If necessary, call service center for qualified personnel.

Do not leave the operating device unattended. Make sure it is out of reach of children.

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In the event of a long pause between the watching, disconnect the device from the power supply by pulling the plug out of the socket.

In the event of any malfunction (lost image, cracking sound or odor), disconnect the device from the socket immediately and call the service center.

Subject to compliance with the instructions, the device life is 5 (Five) years following the manufacture date. Terms and conditions of further operation must be agreed upon by the owner of device and the service company.

Specifications

Demodulation	QAM 16/32/64/128/256
Input level	-75…-25dBm
Input resistance	75 Ohm
Symbol rate	1,725…6,9 Msymb/s
Error correction	Reed – Solomon (204; 188,8)
Input frequency range	50…900 MHz
Tuning step	1 MHz
Picture ratio	4:3; 16:9
Output connectors Picture ratio	6xRCA, HDMI, USB, S/PDIF, LOOP
Video output	CVBS, RGB, Component, HDMI
Output resolution	480i,576&576i, 720p x 1080i
Color system	PAL, SECAM, NTSC
Sound	MPEG-1 Layer2, DD, MP3
Trophy-Access2 Decoder	onboard
Chipset	Fujitsu H60
EPG	yes
Target message to customers	up to 80 symbols on the screen
Current balance details	on the screen
Interface language	English, French, German, Indonesian, Russian, Ukrainian
Supply voltage	External Adapter input 180…250VAC External Adapter output +12V
Wattage	up to 14W
Dimensions	220x120x45
Weight	1,6 kg

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Front Panel
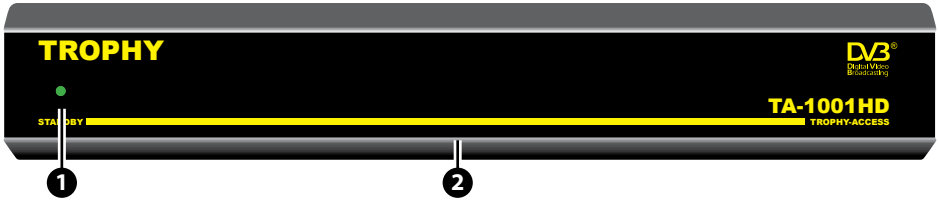
1 - LED indicator of power / standby

2 - Infrared port to receive signal from the remote control.

Back Panel
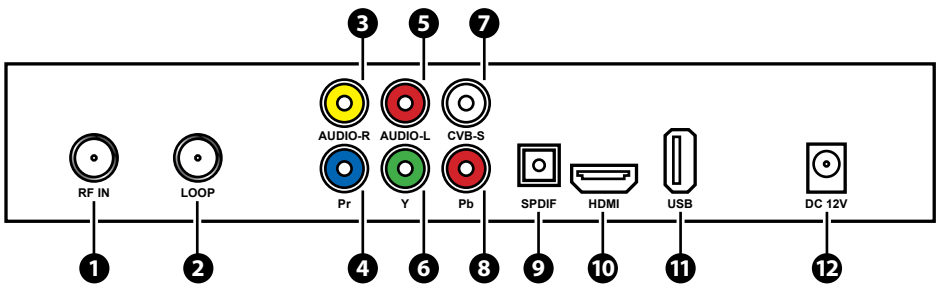
1	–	Cable TV input
2	–	LOOP output
3 **5**	–	Left/Right audio channel output
4 **6** **8**	–	In Cb/Y/Cr mode – component signal outputs. In RGB – Blue/Green/Red signal outputs
7	–	Composite "Video" output. In RGB mode – synchronization signal
9	–	Optical digital audio output
10	–	HDMI output
11	–	USB connector
12	–	DC +12V connector

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Remote Control

1 MUTE button

2 STANDBY mode button

3 DIGITS – 0 to 9

4 TV/RA SELECT button

5 EPG button

6 INFO button

7 MENU button

8 UP – switching channels,
   Cursor control in MENU

9 LEFT/RIGHT volume control

10 OK button

11 DOWN – switching channels,
   Cursor control in MENU

12 AUDIO track select button

13 EXIT button

14 REWIND button

15 FAST FORWARD button

16 PLAY button

17 STOP button

18 RED / RECORD button

19 BLUE / PAUSE button

20 GREEN button

21 YELLOW button
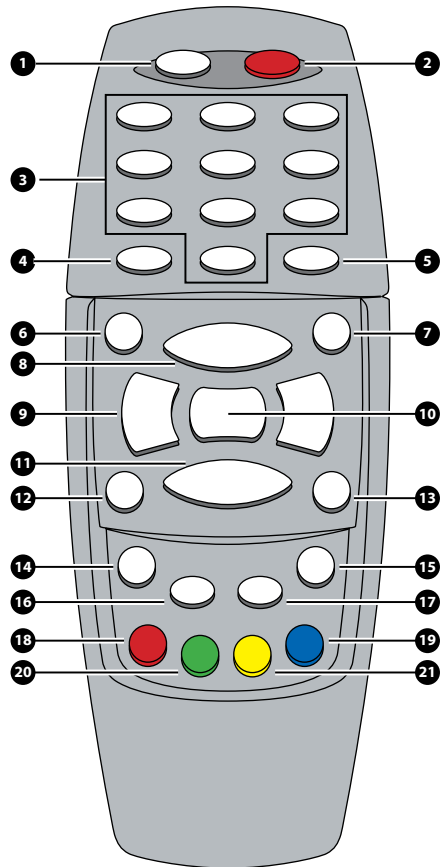
Note: MENU appears as text messages on the screen. The lines you select are highlighted. OK button always confirms your choice in current MENU. Push MENU button to return to the previous menu. Push EXIT button to exit the menu mode. Push MENU button to save automatically any changes you have made.

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Connection of Device to TV Set with RCA Input

Cable TV input
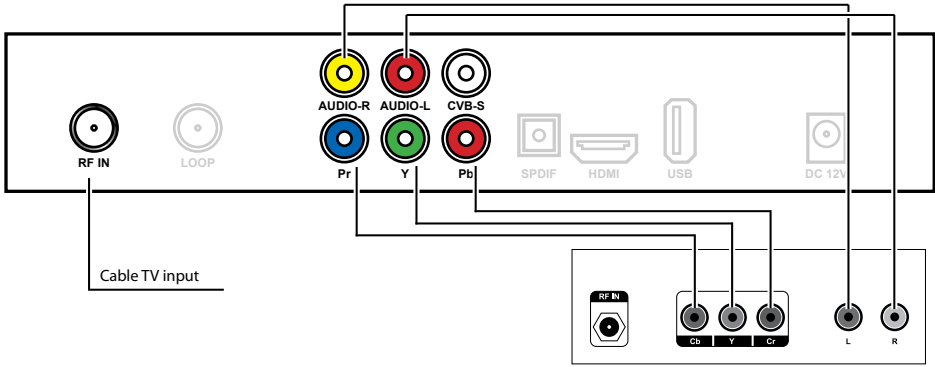
Connection of Device to TV Set with SCART Input
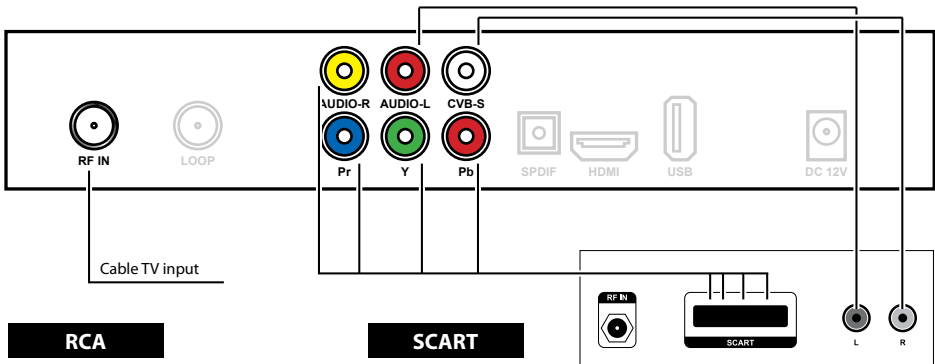
Cable TV input

RCA		SCART	
CVBS		(20) VIDEO	
General		(17) General	
Cb		(7) BLUE	
General		(5) General	
Y		(11) GREEN	
General		(9) General	
Cr		(15) RED	
General		(13) General	

Data Panel

While switching channels or pushing INFO button, the screen will flash Data Panel.

Channel No.

Channel name

Carrier frequency

Coded signal

Current time

TV or RADIO

Name of current and next show

Time scale

Subscriber account balance

Number of audio tracks

0009	Охота и рыбалка		15:49
TV	429 MHz		
15:05 Ботаник с топором			
16:20 Любимый напиток рыбака			
$12,55			1/1:RUS
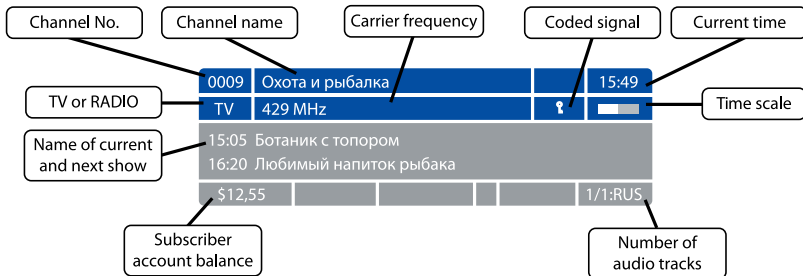
You can set the data panel lifetime on the screen. Go to "Main menu" - "System setup" -"OSD setup". Use ◄► buttons to set "OSD display time" from 1 sec to 30 sec.

Upper right corner of the data panel shows current time as broadcast by the central station of cable TV operator.

EPG (Electronic Program Guide) information is displayed in the center of the panel. Line 1 shows the name of the current program and time of its beginning. Line 2 shows the name of the next program and time of its beginning. The scale in the upper part of data panel shows how much of the programs you have missed.

Current balance on your subscriber account is shown in the bottom left corner of the panel. When your balance reaches "0", your device will automatically block your access to paid programs.

Attention! If your device was disconnected from the socket, allow up to 30 seconds after switching on to receive details on the balance and current time from the digital transponder.

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Reading Address Messages

Broadcasters may send address messages to your device. To read the message, press YELLOW button.

Happy birthday, Vladimir Georgievich
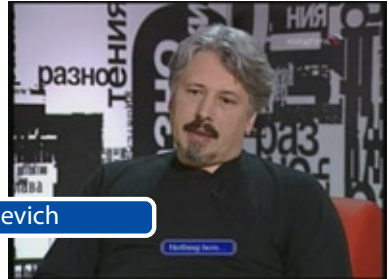
Main menu

Press MENU to enter the MAIN MENU.

Main menu ...	
File viewer ...	OK
Recordings ...	
Timer programming ...	
Mosaic preview ...	
Stream selection ...	
System setup ...	
Information ...	
MENU : Back EXIT : Close menu	
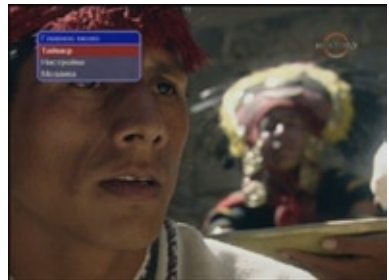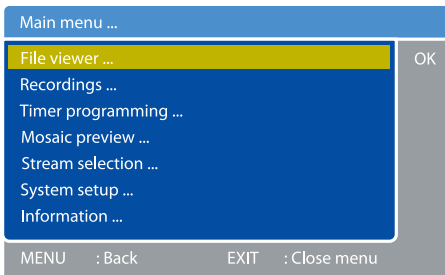
File viewer menu

Set Top Box provides the following additional features:
-    record TV programs and radio programs on an external USB device (FAT, FAT32).
-    playback of TS video,
-    display JPEG, BMP, PNG, JPG images on TV,
-    play mp3 music files.

To use these features, you need to connect your own USB storage device (e.g. USB flash) to the USB connector on the rear panel of the Set Top Box.

File viewer ...

Volume	Folder 1
📁 Folder 1	📄
	🖼 E.L.O.- Discovery -01
	🖼 E.L.O.- Discovery -02
	🖼 E.L.O.- Discovery -03
	🖼 E.L.O.- Discovery -04
	🖼 E.L.O.- Discovery -05

MENU : Back   EXIT : Close menu   OK: Open

To open the FILE VIEWER menu, click OK

Use OK button and up/down/left/right buttons to select the folder and file for viewing. JPEG files are displayed on the screen immediately after the cursor select. To view videos, you must move the cursor to the desired file and click OK. To finish viewing the video, press STOP button.

Musicbox.

Now playing
Thank you for the music
ABBA
The Complete Singles Collection
▶
3'05" of 3'50"

Next
Dancing Queen
ABBA
The Complete Singles Collection

MENU : Back   EXIT: Close menu   FF: Skip current
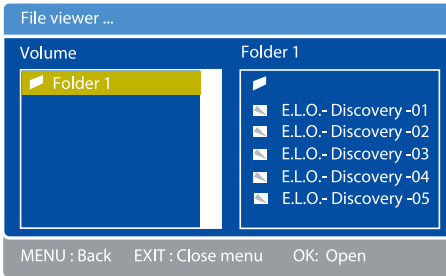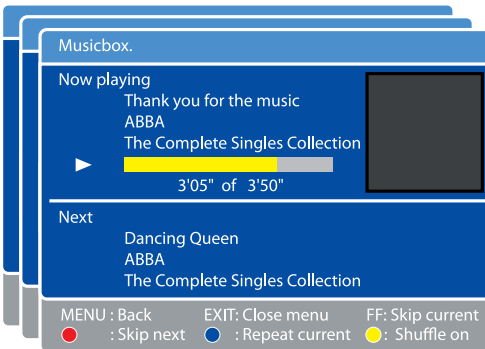🔴   : Skip next   🔵   : Repeat current   🟡 : Shuffle on

If you want to listen to an MP3 album, you can select desired folder and click OK. On the screen you will see a Musicbox menu. At the bottom of the menu are buttons you need to select tracks in a music album.

Recordings menu

Playback list

Date	Time	Title	Type	Duration	Drive
08-22	21:30	Т/с "Универ" (2)	TV	30:22	USB
08-26	08:47	ICTV	TV	0:54	USB
08-29	21:28	"Годзилла" (DOLB...	TV	1:25:45	USB

OK   : Playback   🟡   : Rename recording
🔴   : Remove recording
MENU : Back   EXIT   : Close Menu
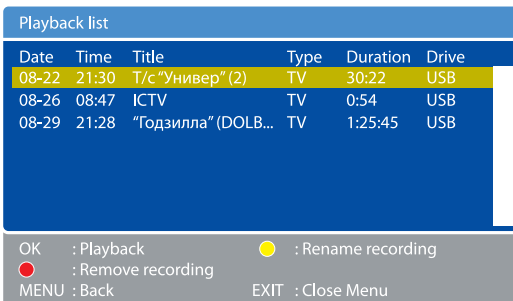
Press MENU to enter the MAIN MENU.

Select "Recordings" row and click OK button.

The screen will display the "Playback list" menu.

This menu has complete information about the date, title and duration of video-clip.

You can select desired videofile on your flash device.

Click OK button to view the videofile. If you want to stop viewing of the file, click STOP button.

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Timer Programming menu

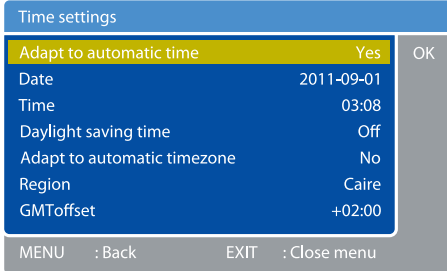There are three recording modes: Timer mode, Quick Recording mode (in detail it will be discussed in section "Quick Recording mode" of this User's Guide) and Timeshift mode (in detail it will be discussed in section "Timeshift mode" of this User's Guide). In this chapter we will discuss Timer mode recording. You can program the timer manually or using the EPG information.

To program the timer manually, do the following:

Time settings		
Adapt to automatic time	Yes	OK
Date	2011-09-01	
Time	03:08	
Daylight saving time	Off	
Adapt to automatic timezone	No	
Region	Caire	
GMToffset	+02:00	
MENU : Back EXIT : Close menu		

Press MENU to enter the MAIN MENU.

Select "Timer Programming" row and click OK button.

The screen will display the "Time settings" menu.

Due to the fact that all broadcasters transmit data of the current time, it is better to enable the automatic adjustment of the time in the menu.

In the "Time setting" menu you can also set the current date and GMT time, enable Dayling Saving Time (Summer/Winter Time), set the time zone.

Press MENU button to enter the "Timer programming" menu.

Timer programming								
Daty	Time		On	Program	Title	Mode	After	Record
08-22	21:30	23:00	No	Dom Kino	Afonia	Single	Pwr up	USB
	00:00			<Empty>				
🔴 : Remove item 🔵 :Activate/deactivate timer								
OK : Edit timer								
MENU : Back EXIT : Close Menu								
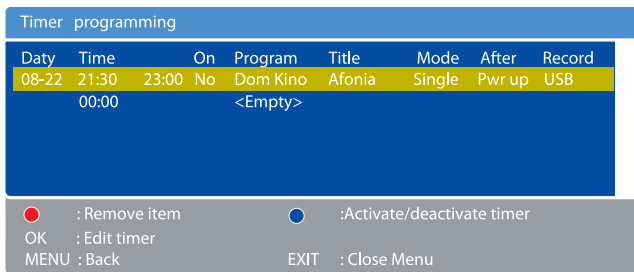
In this menu you can set the date and time of video-clip recording on a particular television channel from the channel list. You can edit this information. To do this you must press OK button, then the "Edit Timer" menu will appear.

Timer Programming using EPG information

This recording mode is the most convenient and fast. Press EPG button twice. On the screen you will see the schedule for the day. Click ◄► buttons to select the next day. Click ▲▼ buttons to select the video you want to record. Then click BLUE button for timer programming. Now, this information will be saved in the "Timer Programming" menu.
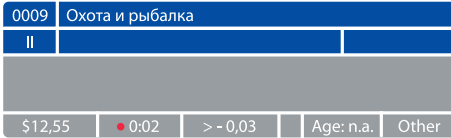
0124	HD Kino	0124

Thursday   2011-09-01   Today
11:40   "БЕЛАЯ СВАДЬБА" романтическая комедия Янна Терн
13:20   "ГЛАДИАТОР" приключенческий фильм Ридли Скотта
15:55   "ДЬЯВОЛ" мистический триллер. В ролях: Крис Мес
17:15   "КОШМАР ПЕРЕД РОЖДЕСТВОМ" анимационный фи
18:35   "ГЛАЗА ЗМЕИ" триллер Брайана Де Пальмы. В ролях
20:20   "АВАТАР" фантастико-приключенческий боевик Джей
23:05   "УЛЫБКА МОНЫ ЛИЗЫ" мелодрама. В ролях: Джулия Р

EXIT   : Remove item   ● : Set timer on selected service

Quick recording mode

Edit timer

Title	"Интерны" т/с	OK
Start date	2011-09-06	
Start time	19:14	
End time	19:55	
Service	0025 -TNT	
Timer mode	Single	
Power mode after rec.	Power on	
Record to	USB	

● : Save, record and exit
MENU   : Back   EXIT   : Close menu

If you want to record the current program, you can press RECORD (Red) button. On the screen you will see the EDIT TIMER menu. If you do not want to make additional settings, press the RED button. Recording will start after a few seconds. Recording will stop automatically at the time specified in "End time" menu bar. The recording can be stopped at any time by pressing the STOP button.

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Timeshift mode

0009	Охота и рыбалка	
II		

| $12,55 | ● 0:02 | > - 0,03 | Age: n.a. | Other |

If you have urgent business, but do not want to miss the interesting information you can use Timeshift mode. You must connect your USB-flash to the receiver to do this. While watching a program you can press PAUSE (Blue) button and go about your business. The program will be recording to the flash at this time. You can continue viewing of the program later by pressing the PAUSE (Blue) button. On the information panel displays a red dot and the duration of the recorded scene. You can stop recording by pressing STOP button. Be careful. In this case, you will continue to watch the program only in real time.

Mosaic Preview

Press MENU to enter the MAIN MENU.

Select "Mosaic Preview" row and click OK button.

On the screen you'll see nine windows where you may display still images of nine channels from the list. To select other channels you may use ▲▼ buttons.

Stream Selection menu

Stream selection		
Audio track	1/1 Russian	OK
Digital output	PCM	
Audio mode	Stereo	
MENU : Back	EXIT : Close menu	
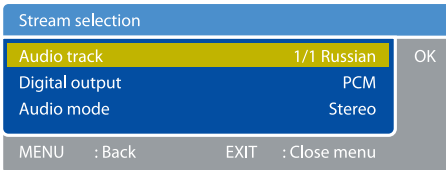
Press AUDIO button to enter the Stream Selection menu.

Use ◄► buttons to select AUDIO TRACK, Stereo/mono and digital sound processing mode. Please note that data always goes to SPDIF regardless whether the current program has AC3 or not.

System Setup menu

Language settings ...   OK
Time settings ...
Program setup ...
Audio / video setup ...
OSD setup ...
Harddisk/USB utilities ...
Password and parental settings ...
Software update ...
Restore factory settings ...
Power up state   Full Power Up

MENU   : Back   EXIT   : Close menu

System setup

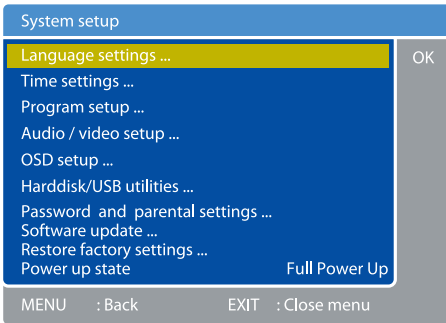Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

With the first and second sub-menu you can select the language of OSD and set the parameters of time.

Program setup menu

Program setup

Type of tuner installation   OK
Satellite list editor
Tuner configuration menu
Transponder list editor
Scan menu satellite
Scan menu terrestrial
Scan menu cable
Service list editor

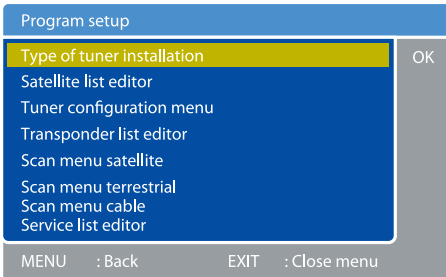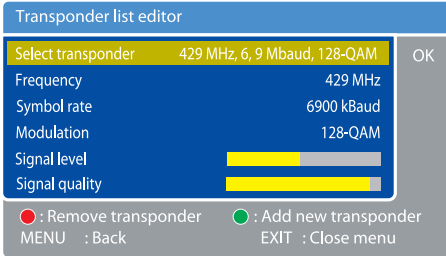MENU   : Back   EXIT   : Close menu

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

With the first and second sub-menu you can select the language of OSD and set the parameters of time.

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Transponder list editor menu

Transponder list editor	
Select transponder	429 MHz, 6, 9 Mbaud, 128-QAM
Frequency	429 MHz
Symbol rate	6900 kBaud
Modulation	128-QAM
Signal level	
Signal quality	

🔴 : Remove transponder   🟢 : Add new transponder
MENU   : Back   EXIT : Close menu

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Program setup" row and click OK button.

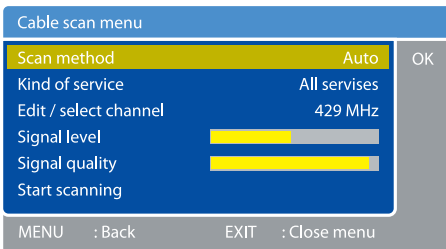Select the "Transponder list editor" row and click OK button.

Select the "Select transponder" row.

Delete unnecessary transponders using the RED button.

Enter the frequency, symbol rate and modulation type of new transponder. Press GREEN button to add a new trasponder. Thus save the settings on all transponders.

Two scales at the bottom indicate the level and quality of the signal on each transponder. Now you are ready to process a channel search. Press MENU to enter the PROGRAM SETUP menu.

Cable scan menu

Cable scan menu	
Scan method	Auto
Kind of service	All servises
Edit / select channel	429 MHz
Signal level	
Signal quality	
Start scanning	

MENU   : Back   EXIT   : Close menu

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Program setup" row and click OK button.

Select the "Cable scan menu" row and click OK button.

Select satellite with ◄► buttons.

You can choose method of cable scanning. The first method is channel scanning. The second method is an automatic scanning under transponder list. In addition, if the transport stream contains NIT data, the receiver will automatically add to the list all new transponders.

After selecting a transponder or after selecting an automatic method, select the "Start scanning" row and then click OK button. On the screen you will see the process of channel searching. After searching press MENU button.

Service list editor menu

Service list editor	
TV services	**Favorites 1**
🕯 0028 TRK Ukraine	
🕯 0029 Inter	
🕯 0030 UT-1	
🕯 0031 STB	
🕯 0032 LOGTRK	
🕯 0033 K2	
🕯 0034 ru Music	

EPG	: Switch active list	🔵	: Select favorite list
TV	: Toggle TV/radio list	🔴	: Remove item
REW / FF	: Index Up / down	🟢	: Sort list by name
OK	: Add to favorites	🟡	: Sort list by index
PLAY	: Turn to service	INFO	: Clear service lists
MENU	: Back	EXIT	: Close menu
AUDIO	: Rename service/fav. list	STOP	: Lock/unlock channel

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.
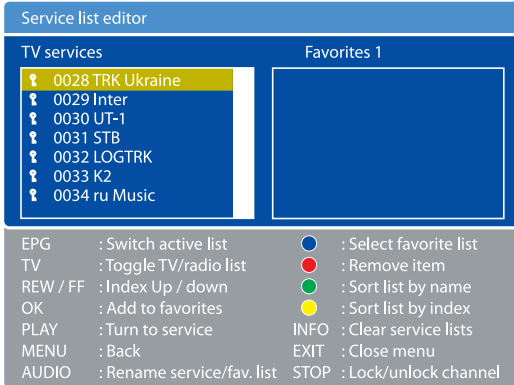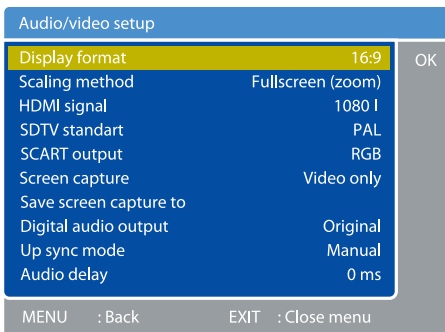
Select the "Program setup" row and click OK button.

Select the "Service list editor" row and click OK button. Using the buttons you can edit the service list and create favorite programs lists. Description of buttons you can see at the bottom of the menu. After editing of service list, press MENU button.

You can set the Parental Lock on certain channels. To do this, select the desired channel and press STOP button. This line will be red. In the future, to watch this channel you will need to enter the Parental Lock code. All details of this function you can find in "Password and parental settings" menu.

Audio/video setup menu

Audio/video setup		
Display format	16:9	OK
Scaling method	Fullscreen (zoom)	
HDMI signal	1080 I	
SDTV standart	PAL	
SCART output	RGB	
Screen capture	Video only	
Save screen capture to		
Digital audio output	Original	
Up sync mode	Manual	
Audio delay	0 ms	

MENU	: Back	EXIT	: Close menu

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Audio/video setup" row and

click OK button.
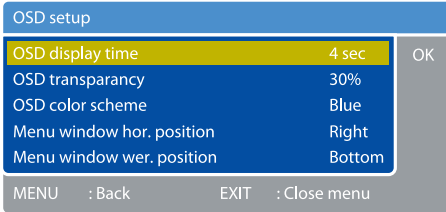
Select 16:9 or 4:3 format.
Select Scaling method.
Select 1080 I, 480/576 P/I or 720 P HDMI standard.
Select PAL, SECAM or NTSC SD standard.
Select RGB, Component or Composite video output.
Select Audio delay in the case of AC3 sound.

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OSD setup menu

OSD setup	
OSD display time	**4 sec**
OSD transparancy	30%
OSD color scheme	Blue
Menu window hor. position	Right
Menu window wer. position	Bottom

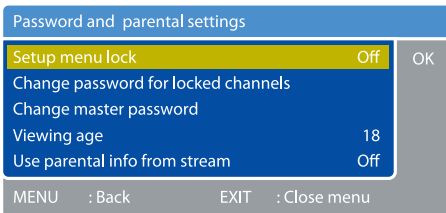MENU   : Back   EXIT   : Close menu

OK

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "OSD setup" row and click OK button.

You can set how long Data Panel will be displayed on the screen. Also you can change transparency, color and location of OSD.

Password and parental settings menu

Password and parental settings	
Setup menu lock	**Off**
Change password for locked channels	
Change master password	
Viewing age	18
Use parental info from stream	Off

MENU   : Back   EXIT   : Close menu

OK

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Password and parental settings" row and click OK button.

You can block the ability to work with the "Main menu" by Menu Lock Password (Master Password).

The default Master Password is **1234**.

If you want to change it click on the "Change master password" line.

If you have locked the channel in "Service list editor" menu (red line), to open this channel you will need to enter the parent password.
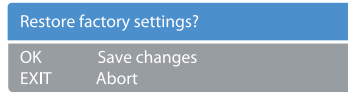
Enter password	
*	*	*	*

The default Parent Password is **0000**.

If you want to change it click on the "Change password for locked channels" line.

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Restore factory settings menu

Be extremely careful while working with this menu! If you click OK button on this menu, all your setting will be deleted!

Restore factory settings?	
OK	Save changes
EXIT	Abort

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Restore factory settings" row and click OK button.

Power up state menu
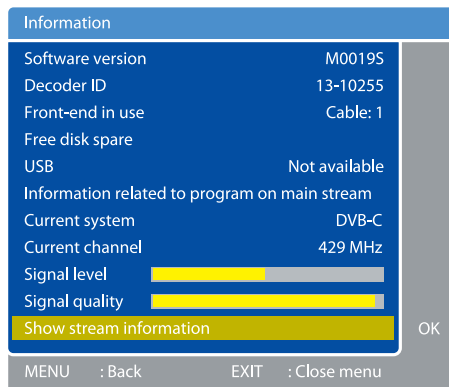
Standby
Full Power Up

Press MENU to enter the MAIN MENU.

Select the "System setup" row and click OK button.

Select the "Power up state" row and click OK button.

Select Standby or Full Power Up mode upon initial receiver power-up.

Trophy-Access Decoder Number

Information	
Software version	M0019S
Decoder ID	13-10255
Front-end in use	Cable: 1
Free disk spare	
USB	Not available
Information related to program on main stream	
Current system	DVB-C
Current channel	429 MHz
Signal level	
Signal quality	
Show stream information	OK
MENU : Back EXIT : Close menu	

Press MENU to enter the MAIN MENU.

Select the "Information" row and click OK button.

You can see Decoder number of your receiver on "Decoder ID" line.

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