

User Manual

Digital TV
Set-top Box
HD 8000P
HD mini 32

DEXP

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Dear Customer,

Thank you for choosing our products.

We are pleased to offer you appliances and devices designed and manufactured to the highest standards of quality, functionality, and design. Before using the device, please read this manual carefully. It contains important information regarding your safety, as well as recommendations for the proper use and care of the product. Please keep this manual in a safe place and use it as a reference guide during future operation of the product.

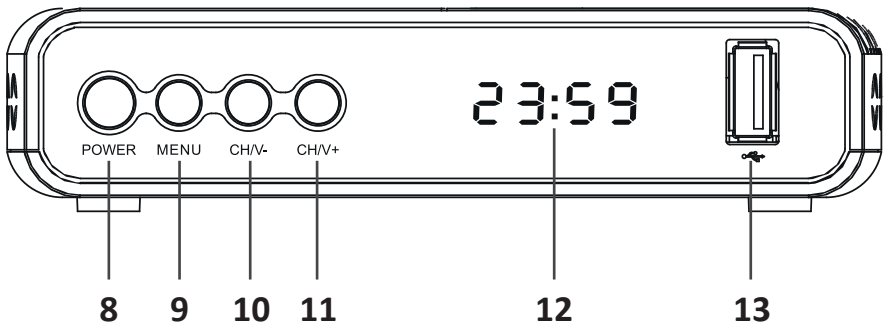
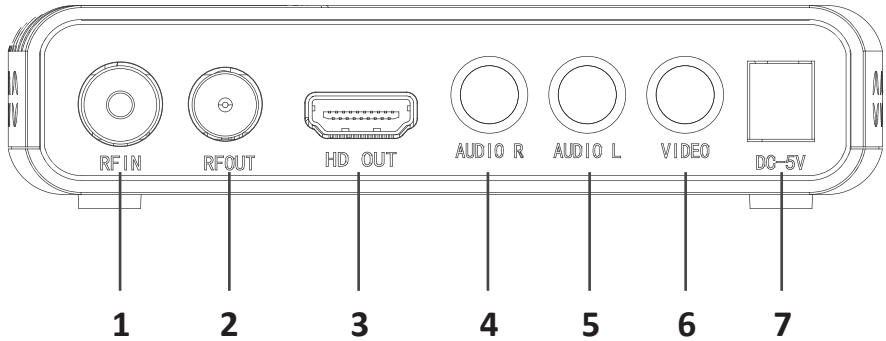
Intended Use

The device is designed for receiving, decoding, and converting digital television signals.

Safety Precautions

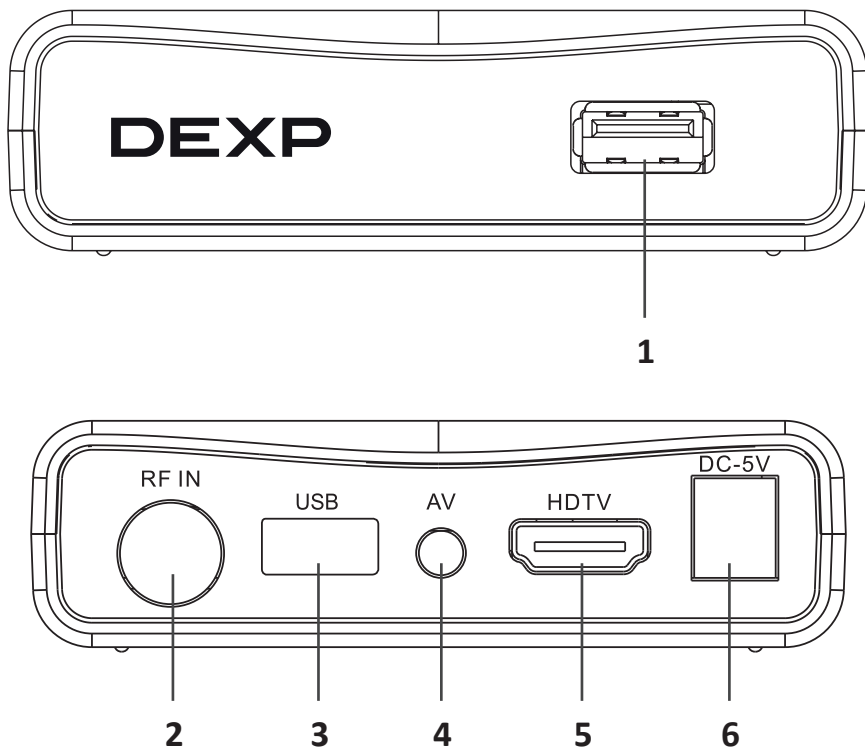
- The manufacturer is not responsible for any damage caused by failure to comply with safety precautions and product operating instructions.
- Do not disassemble the device yourself to avoid electric shock. This device contains no user-serviceable parts. Maintenance and repairs should only be performed by qualified technicians at an authorized service center.
- This device is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the device.
- If the device has been exposed to cold temperatures for an extended period, allow it to acclimate to room temperature for 1 hour before turning it on.
- Before turning on the device, ensure that it is properly connected. The power source must be easily accessible to disconnect the device in an emergency.
- Do not place foreign objects on the device housing.
- To prevent fire or electric shock, do not allow water to enter the device, and do not operate it in conditions of high humidity.
- Adjust the volume level only after playback has started to avoid damaging your audio system.
- Do not use abrasive materials or organic compounds (alcohol, gasoline, etc.) to clean the device. A small amount of neutral detergent may be used for cleaning.
- Do not use the device if visible damage is detected. Unplug it immediately and contact an authorized service center.
- This device may not receive a television signal while in a moving vehicle.
- Disconnect the device from the power source and the TV antenna cable if you do not plan to use it for an extended period, as well as before a thunderstorm. During a thunderstorm, do not touch the device, the power cord, or the antenna cable.

Device Diagram HD 8000P



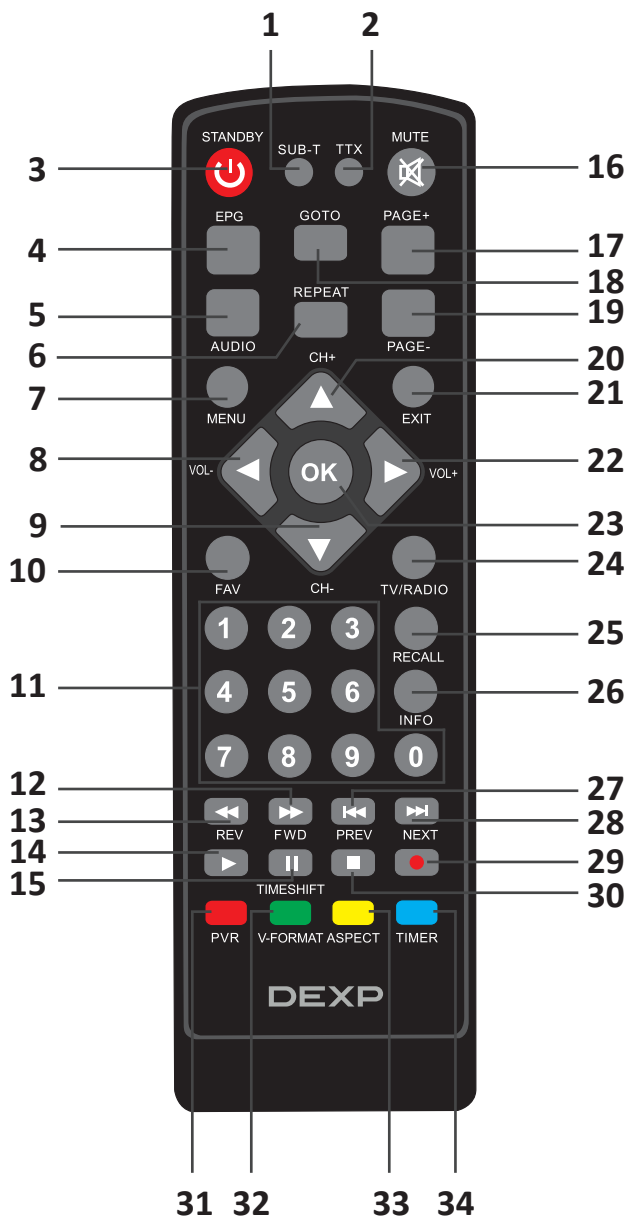
1. RF IN connector.
2. RF OUT connector.
3. HD OUT connector.
4. AUDIO R connector.
5. AUDIO L connector.
6. VIDEO connector.
7. Power connector.
8. Power button.
9. MENU button.
10. CH/V- button.
11. CH/V+ button.
12. Display.
13. USB connector.

Device Diagram HD mini32



1. USB connector.
2. RF IN connector.
3. USB connector.
4. AV connector.
5. HDTV connector.
6. Power connector.

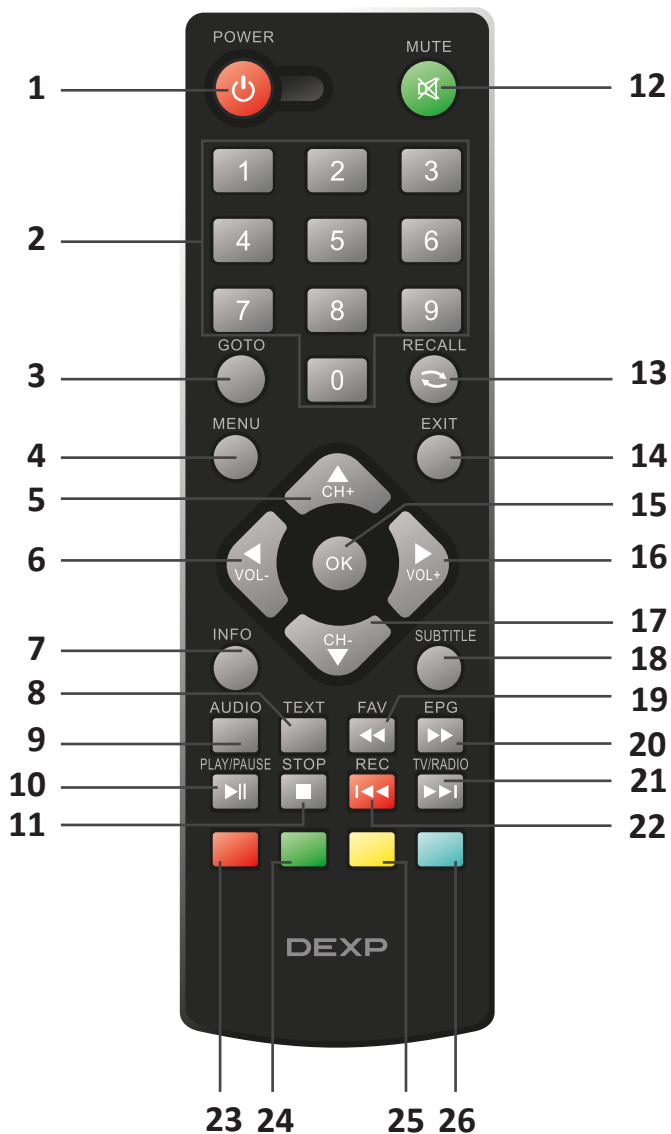
Remote Control* for HD 8000P



* The actual remote control may differ from the one shown in this manual.

1. SUB-T: Turn subtitles on/off.
2. TTX: Display text information.
3. STANDBY: Turn the device on/off.
4. EPG: Display the program guide for the selected channel.
5. AUDIO: Select audio track or audio mode (Left speaker / Right speaker / Stereo).
6. REPEAT: Repeat playback mode.
7. MENU: Open the main menu / Return to the previous menu.
8. VOL – ◀: Decrease volume in viewing mode / Change settings in options.
9. CH – ▼: Switch to the previous channel / Move cursor.
10. FAV: View the list of favorite TV channels.
11. 0...9: Numeric buttons.
12. FWD: Fast forward during file playback.
13. REV: Rewind during file playback.
14. PLAY ▶: Start playback.
15. TIMESHIFT/PAUSE: TimeShift function / Pause.
16. MUTE: Mute/unmute sound.
17. PAGE +: Switch channels / Move cursor up in the menu.
18. GOTO: Quick navigation to a specific time.
19. PAGE -: Switch channels / Move cursor down in the menu.
20. CH + ▲: Switch to the next channel / Move cursor.
21. EXIT: Return to the previous menu.
22. VOL + ▶: Increase volume in viewing mode / Change settings in options.
23. OK: Display the channel list in viewing mode / Confirm selection in the menu.
24. TV/RADIO: Switch between TV and radio.
25. RECALL: Return to the previous channel/radio station.
26. INFO: Information about the current TV channel.
27. PREV: Go to the previous file.
28. NEXT: Go to the next file.
29. REC: Start recording.
30. STOP: Stop file playback.
31. PVR: Access the PVR function.
32. V-FORMAT: Switch between different video resolutions.
33. ASPECT: Change the screen aspect ratio.
34. TIMER: Timer settings.

Remote Control* for HD mini32



* The actual remote control may differ from the one shown in this manual.

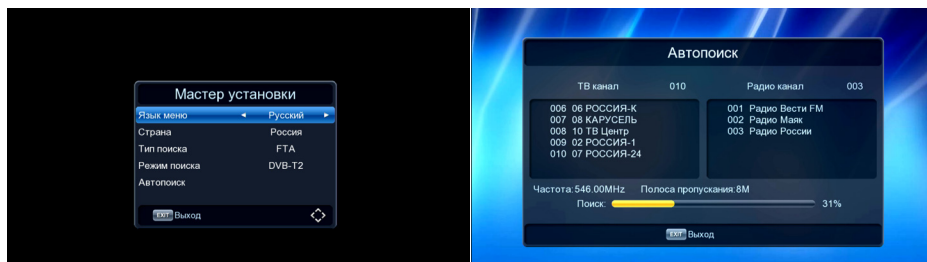
1. POWER: Turn the device on/off.
2. 0...9: Numeric buttons.
3. GOTO: Quick navigation to a specific time.
4. MENU: Open the main menu / Return to the previous menu.
5. CH+ ▲: Switch to the next channel / Move cursor.
6. VOL- ◀: Decrease volume in viewing mode / Change settings in options.
7. INFO: Information about the current TV channel.
8. TEXT: Display text information.
9. AUDIO: Select audio track or audio mode (Left speaker / Right speaker / Stereo).
10. PLAY/PAUSE: Play/pause.
11. STOP: Stop file playback.
12. MUTE: Mute/unmute sound.
13. RECALL: Return to the previous channel/radio station.
14. EXIT: Return to the previous menu.
15. OK: Display the channel list in viewing mode / Confirm selection in the menu.
16. VOL+ ▶: Increase volume in viewing mode / Change settings in options.
17. CH- ▼: Switch to the previous channel / Move cursor.
18. SUBTITLE: Turn subtitles on/off.
19. FAV: View the list of favorite TV channels.
20. EPG: Display the program guide for the selected channel.
21. TV/RADIO: Switch between TV and radio.
22. REC: Start recording.
23. PVR: Access the PVR function.
24. V-FORMAT: Switch between different video resolutions.
25. ASPECT: Change the screen aspect ratio.
26. TIMER: Timer settings.

Device Connection

1. Connect the device to the power source using the power adapter.
2. Connect the IEC 169-2 coaxial TV antenna cable to the RF IN connector on your device.
CAUTION: Use only one connection type that best suits your needs. Do not connect the device using an HDMI cable and a composite cable simultaneously.
 - **HDMI Connection:** Connect one end of the HDMI cable (not included) to the HDMI connector on the device, and the other end to the HDMI connector on your TV/monitor. When connecting via HDMI, audio is also output through this interface.
 - **Composite Connection:** Connect the composite cable connectors to the composite ports of the corresponding colors on the device and on the TV.

Operating Instructions

1. Connect the antenna to the antenna input of the set-top box.
2. Turn on your TV/monitor.
3. Turn on the digital TV set-top box.
4. In the TV menu, select the source to which the device is connected (AV/HDMI).
5. On the screen, you will see a window prompting you to select the menu language and perform an automatic search and save available channels. Press OK on the remote control to start the auto-scan. Found channels will be displayed in the search window.

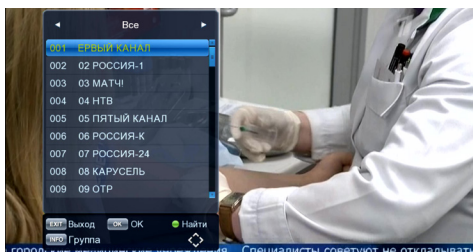


Functions

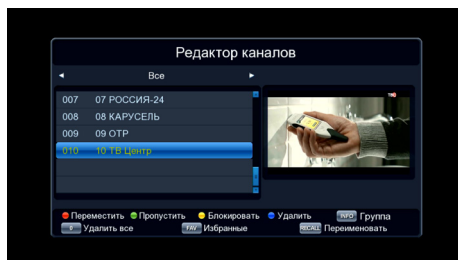
Channel Selection

- If you know the number of the desired channel, you can switch channels using the numeric buttons. For example, to go to channel 9, press button 9, and to go to channel 44, press button 4 twice in a row. If you press OK immediately after entering the desired channel number, you will switch to it immediately. Otherwise, you need to wait 2 seconds before switching to the channel.
- Another way to select channels is via the channel list. Press OK to display the channel list. If necessary, you can switch between the TV channel list and the radio station list by pressing TV/RADIO before pressing OK. Once the list is displayed, use the ◀/▶ buttons to scroll through the list, and press OK on the desired channel to confirm your selection.
- Press the EPG button to select a channel from the Electronic Program Guide menu, and press EPG again to exit.

Channel List Management



- In the «Program» > «Channel Editor» menu, you can also manage the channel list display settings. You can move, skip, block, and delete channels by pressing the corresponding button on the remote control.
- If a channel is blocked, you must enter a password to access it later. The default password is «000000».

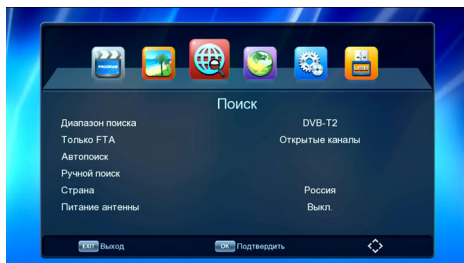


- To view a deleted channel, perform the search again and save it.

Channel Search

If you need to perform a new channel search, you can do so either automatically or manually.

Auto Search



Press MENU on the remote control, navigate to the “Search” menu, select “Auto Search”, and press OK. The automatic search will begin, and all found channels will be displayed in the search window.

Manual Search

In most cases, the device can find all available channels using the auto search. Manual search may be needed if you previously deleted a channel and now want to restore it.

1. Press MENU on the remote control and navigate to the “Search” menu.
2. Select “Manual Search” and press OK.
3. Press OK again to start the search.
4. Once the search is complete, the newly found channel will appear on the screen. If new channel is not found, you will return to the channel that was previously on the current frequency.

Adding to Favorites

1. Press the MENU button to open the main menu.
2. Press ▲/▼ until you see the “Programs” menu on the screen, then press OK.
3. If you want to add channel(s) to the favorites list, press the FAV button while the cursor is on the desired channel. The selected channels will be marked with an icon.
4. After selecting the desired channels, press EXIT — a window will appear asking whether to save the changes. Select “Yes” to save or “No” to exit without saving.
5. Confirm your selection by pressing OK. Now you can open the favorites channel list by pressing FAV and select channels directly from it

Viewing Channel Information

Press the INFO button to open the channel information window.



Audio Language

If a channel is broadcast in multiple languages simultaneously, you can select the appropriate audio language. You can also select the appropriate sound format.

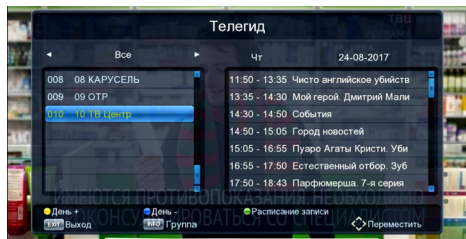
1. Press the green button to open the audio language settings window.
2. Use the ▲/▼ buttons to switch between available broadcast languages.

Electronic Program Guide (EPG)



If your TV provider supports this function, you can view the program guide for certain channels.

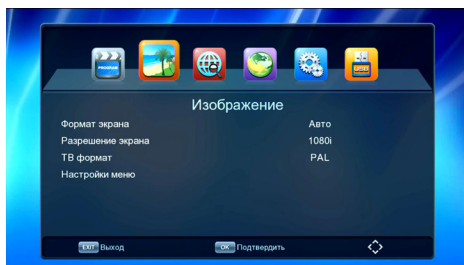
1. Press the EPG button to open the program guide menu.
2. Use the ◀ / ▶ buttons to switch to the program guide of other channels.
3. You can close the EPG menu at any time by pressing the EPG or EXIT button.



Picture Settings

You can adjust the screen aspect ratio, resolution, and broadcast format.

1. Press the MENU button on the remote control and select the "Picture" menu.



2. Use the ▲/▼ buttons to navigate between options, and press OK when the desired option is highlighted.
3. Once the settings are complete, press EXIT to exit the menu.

Subtitles for the Hearing Impaired

To enable special subtitles for people with hearing impairments, press the SUB-T (SUBTITLE) button. You will be able to select the desired subtitle language (if supported by the channel) or turn them off in the pop-up window.

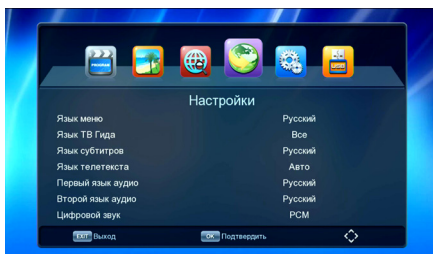


Adjusting Audio Volume

During viewing, press the ◀/▶ buttons to increase or decrease the volume.

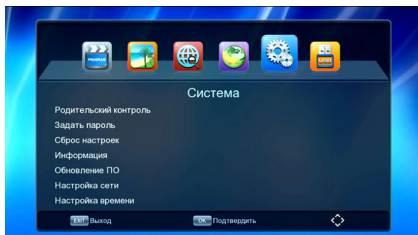
Settings

In the Settings menu, you can select the menu language, subtitle language, audio language, and digital audio format.



System

Press MENU on the remote control and select the “System” menu.



Network Setup

In this subsection, you can configure the set-top box to receive the Wi-Fi signal from your home router. After that, you will gain access to the “Internet” subsection, along with the “Weather”, YouTube, and IPTV applications. These applications can be viewed on your TV screen.

1. To connect, use an external Wi-Fi adapter and configure your home router settings by entering the password.
2. Select the “Wi-Fi Setup” option and enter the connection password. This only needs to be done when the set-top box is turned on for the first time.
3. Upon successful connection, you will see information about the IP address and connection status in this subsection.



Software Update

Update via USB Drive

1. When a software update is released for the device, download the update to a PC, and then install it on the digital TV set-top box via a USB drive.

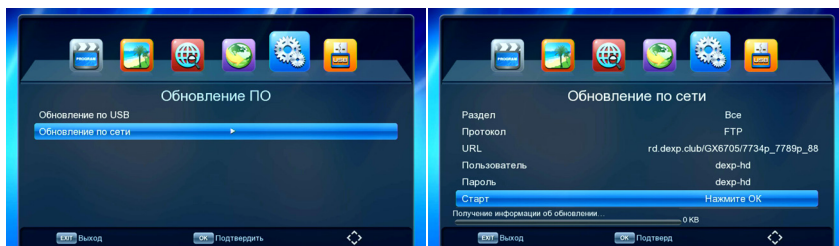
CAUTION: The update file must be placed in the root directory of the USB drive.

2. Connect the USB drive with the update to the set-top box.
3. Press MENU on the remote control and select the “Software Update” option in the “System” menu.
4. When the update process begins, follow the on-screen instructions.

Update via Server

If a valid Wi-Fi network is available, a server update is possible.

1. Navigate to the «Обновление по сети» — “Network Update” subsection — at the bottom of the window, information about the firmware version and the availability of an update will be displayed.
2. Press OK to start downloading the new software.
3. After the installation is complete, the set-top box will restart.



Parental Control

Select the “Parental Control” option and enter the default security code — the parental control window will appear, where you can set channel age ratings using the ◀/▶ buttons (from 4 to 18 years). After assigning a rating to a channel, it will be impossible to view it without entering the security code you set.

Password Setup

The default security password set in the device is «000000». When activating the parental control function, you must enter it before setting your own security code. To change the code, go to the “Set Password” option.

Factory Reset

This option allows you to reset all user settings and restore the device to its factory defaults.

CAUTION: Resetting to factory settings will delete all user data (time zones, channels, timers, etc.).

Information

This option allows you to view information about your device.

Playing Files from a USB Drive

The digital TV set-top box supports playback of various file formats from a USB drive. Press the MENU button on the remote control. Select the USB menu using the ▲/▼ buttons, and press OK to confirm your selection.

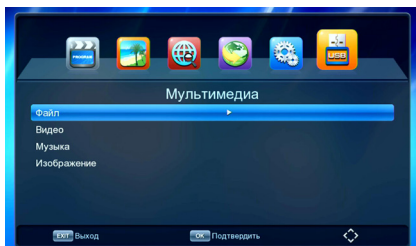
CAUTION: For proper operation with the device, the USB drive must be formatted in the FAT32 file system.



Multimedia

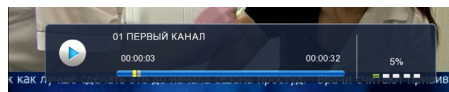
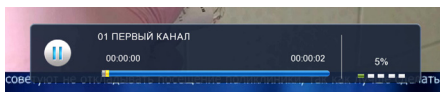
This menu subsection is designed for playing video files, music, and images from external media via the USB connector.

Select the “Multimedia” option. Next, use the ▲/▼ buttons to navigate between different source types (Music, Photo, Video, PVR). In the music, photo, or video menu, select the desired file and press OK to play it.



Using the TimeShift Function

Storage devices connected via the USB connector provide access to the TimeShift function. TimeShift allows you to pause a live TV program and resume watching it later. Follow the on-screen prompts.



Recording TV Programs (PVR Function) in Real Time

Method 1

1. Press the REC button while watching a TV program to start recording it to a USB drive.
2. The default recording duration is 2 hours. If you want to change the recording duration, press the REC button again, enter the desired duration manually, and press OK.
3. Press the STOP button to stop recording — a confirmation window will appear. Select “Yes”/“No” to stop/continue recording. If recording is not stopped, no other operations can be performed on it.

Method 2

1. To start recording from the EPG (Electronic Program Guide) menu, press the EPG button on the remote control, then use the ▲/▼ buttons to select the channel you want to record, and press the green button. Channel information will be displayed in the timer menu.
2. Select “Mode” > “Record”, press OK to confirm your selection, and EXIT to return to viewing mode. The device will start recording the specified channel. If you are watching a different channel at this time, the device will automatically switch to the channel set for recording.

Notes:

- Use common USB 2.0 drives for recording. Some USB devices may not support the required quality.
- A connected hard drive may not work correctly without external power.
- The storage capacity must be more than 4 GB. When the free space on the external drive runs out, recording will stop.
- Wait a few seconds after connecting the drive before starting recording. Otherwise, the device may freeze. If this happens, turn the device off and on again.
- Do not disconnect the USB drive while any file operations (recording, deleting, etc.) are in progress.
- During recording or playback, EPG, subtitles, and audio language switching functions will be unavailable. You can select “PVR Settings” in the USB menu to configure the recording partition using the ▲/▼ buttons. Confirm your selection by pressing OK, and recordings will always be saved to the selected folder (in the automatically created DVRRECORD directory).

Timer Recording and Watching TV Programs

To avoid missing or record a program you are interested in, you need to set up a corresponding task in the timer schedule.

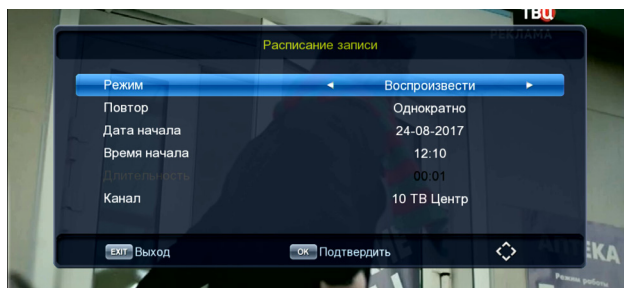
Press the green button to edit an already created timer, or the blue button to delete it. To view the set tasks, follow the on-screen prompts. To create a timer, choose one of the following methods:

Method 1

1. While watching a channel, press the blue button to open the timer menu.
2. Press the red button to add a timer — a window for adding a new event will appear on the screen.
3. Use the ▲/▼ to adjust the timer settings.

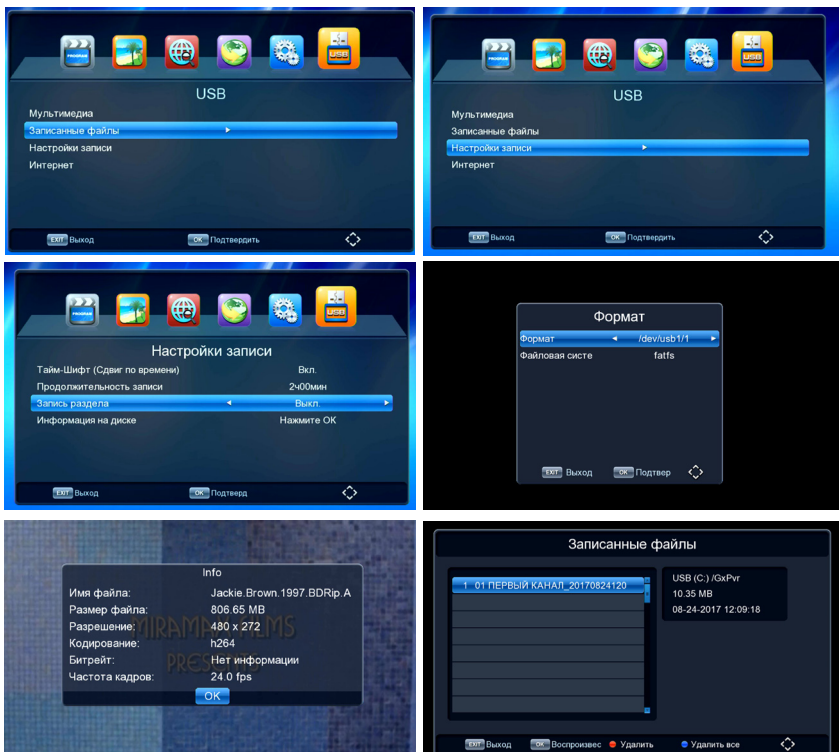
Method 2

1. Open the electronic program guide with the EPG button, select the desired program using the ▲/▼ navigation buttons, and press OK.
2. In the opened menu, check and adjust the date and time settings if necessary, set the task mode (once, daily, etc.), and the required action (recording or viewing).
3. Confirm the settings by pressing OK.



Recorded Files

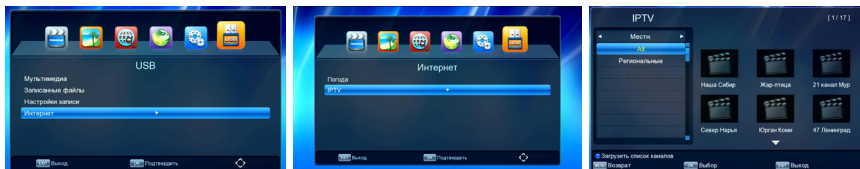
In this menu subsection, you can play back video recordings made using the PVR function. Follow the on-screen prompts.



- Для остановки воспроизведения нажмите кнопку PAUSE (PLAY/PAUSE).
- For fast rewind/fast forward, press the REV/FWD buttons or FAV/EPG (depending on the model).
- Some files of supported formats may not play or may play incorrectly due to the specifics of their recording, encoding, etc.

IPTV

This section is designed for watching free interactive television when a Wi-Fi network is available. Supported formats are M3U and XML.



To add a playlist in **M3U** format:

1. Copy the playlist to a USB drive.
2. In the “Local” menu, press the blue button on the remote control.
3. Select the desired file from the corresponding list on the USB drive.



To add a playlist in **XML** format:

1. Copy the playlist to a USB drive.
2. In the Cloud menu, press the green button on the remote control and wait for the TV channel list to load.
3. If necessary, press the blue button on the remote control to manually update the channel list from your loaded playlist.



CAUTION: To return to the regional channel playlist pre-loaded by the manufacturer, you must perform a factory reset in the corresponding menu option.

Troubleshooting Guide

If you encounter any malfunctions with the device, try turning it off and then on again. For troubleshooting, you can also refer to the table below. If the issue persists, please contact an authorized service center for assistance.

Issue	Possible cause	Solution
Only 10 channels found	Antenna is incorrectly selected or positioned	Use a more powerful antenna, such as one with a TV signal amplifier. Adjust the antenna position for better signal reception
No picture	Network cable is disconnected	Connect the network cable
	No power supply	Connect the power supply
No signal	Antenna cable is not connected	Connect the antenna cable
	Settings are incorrect	Reconfigure the settings
	Connection issues	Reconnect the cable
No sound	Sound is muted (MUTE button pressed)	Press the MUTE button to turn on the sound
	Volume is set too low	Increase the volume
	Audio track is not supported	Try using a different audio track
Sound without picture	The selected channel is a radio station	Press the TV/RADIO button to switch to TV mode
	Connection issues	Reconnect the video cable
Remote control does not work	Batteries are depleted	Replace the batteries

Package Contents

- Digital TV set-top box.
- Remote control.
- AV cable.
- Power adapter.
- User manual.

Specifications

Model	HD 8000P	HD mini 32
Trademark	DEXP	
Power supply	100–240 V ~ 50/60 Hz	
Max. power consumption	7.5 W	
Standby power consumption	< 1 W	
Base material	Plastic	
Display	+	-
Input signal level	From -78 to -20 dBm	
Digital TV standard	DVB-C; DVB-T; DVB-T2	
Chipset	GX6705	
Tuner	AltoBeam ATBM253	
Memory	4 MB Flash; 512 MB DDR2 SDRAM	
Frequency range	174–230 MHz (VHF), 470–862 MHz (UHF)	
Dolby Digital support	-	
Video decoder	MPEG2/4 / H.264, MPEG-2MP@ML, MPEG-4 ASP@L5HD	
Aspect ratio	4:3, 16:9	
Video resolution	576i, 576p, 720p, 1080p, 1080i	
Audio decoder	MPEG-1 Layer I/II, MPEG-2 layer I/II, AAC, AAC+/HE-AAC	
Interface	USB 2.0 × 1, DC IN; HDMI 1.3, RF IN, RF Loop, RCA Output, IR receiver (38 KHz)	USB 2.0 × 2, HDMI 1.3, RF IN, AV Out, DC IN, IR receiver (38 KHz)
File formats	JPEG,BMP, MP3, MP4, AAC, MPEG1, MPEG2, MPEG4, NTFS, FAT32, AVI, MKV	
Dimensions, mm	115 × 65 × 23	90 × 60 × 23
Scope of application	Domestic	

Rules and Conditions for Installation, Storage, Transportation, Sale (Distribution), and Disposal

- This device requires no assembly or mounting.
- The device must be stored in its original packaging, on heated premises, both at the manufacturer's and at the consumer's sites. The ambient temperature should be between +5 °C and +40 °C, and the relative humidity should not exceed 80% (non-condensing). The storage area must be free from aggressive contaminants (e.g., acid or alkali vapors) that could cause corrosion.
- The device must be transported in a dry place.
- The device requires careful handling. Protect it from exposure to dust, dirt, impact, moisture, fire, and other hazards.
- Sale or distribution of the device must be carried out in accordance with local legislation.
- Upon expiration of the device's service life, it must not be disposed of with unsorted household waste. Instead, it must be taken to an authorized collection point for electrical and electronic equipment for subsequent recycling and disposal in accordance with federal or local legislation. By ensuring proper disposal of this product, you help conserve natural resources and prevent potential harm to the environment and human health that may result from improper handling. For more detailed information about collection and disposal points for this product, please contact your local municipal authorities or your household waste disposal service.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Warranty Information

The manufacturer guarantees the device will function properly throughout the warranty period and be free from defects in materials and assembly. The warranty period commences on the date of purchase and applies to new products only. Warranty service includes free repair or replacement of defective parts that fail during the warranty period, provided the failure is not caused by consumer misuse and the product is operated in accordance with the user manual. Repairs or part replacements shall be performed at authorized service centers.

Warranty Period: 12 months

Service Life: 36 months

For the up-to-date list of authorized service centers, please visit:

<https://www.dns-shop.ru/service-center/>

Additional Information

Manufacturer: HD Receiver Technology Co., Ltd.

2F, Building C5, XinAn 2ND Industrial Area, XiXiang, Bao'An, Shenzhen, China.

Made in China.

The product meets the requirements of the technical regulations of the TR CU (EAEU).

Product specifications, information and appearance are subject to change without prior notice, for quality improvement of our products.

Production date (mm.yyyy): _____ v.1



