

aceline

User Manual

LED TV
24HEN3
24HEN3W

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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

This television is an electronic device designed to receive and display video and audio transmitted via wireless or wired connections (including television broadcasts or signals from video playback devices such as DVD/Blu-ray players, game consoles, etc.).

Due to our continuous efforts to improve our products, the technical specifications, appearance, and descriptions of certain features may differ from the information provided in this User Manual. In the event of any discrepancy between this User Manual and the actual product functions, the actual functions shall prevail.

Legal Notice

- Any content and services accessed through this device, which are intended for personal, non-commercial use, are the property of their respective third-party owners and are protected by applicable copyright, patent, trademark, and other intellectual property laws. No part of such content or services may be modified, duplicated, published, uploaded, distributed, translated, sold, or used to create derivative works without the prior written consent of the content owner or service provider.
- You acknowledge and agree that you assume all risks associated with the use of this device, including any risks related to the quality, performance, and accuracy of any content and services accessed through it. To the fullest extent permitted by applicable law, this device and all third-party content and services are provided without warranties of any kind, either express or implied.
- Any content and services provided in conjunction with this device remain the property of their respective third-party providers. Therefore, the Manufacturer makes no representations or warranties regarding their quality, timeliness, legality, or completeness, and assumes no liability for any legal consequences or damages arising from their use.
- The Manufacturer reserves the right to restrict or limit access to certain content or services. As content and services are transmitted via third-party networks and transmission facilities, the Manufacturer does not provide customer support for such third-party content and assumes no related service obligations.

Safety Precautions

	CAUTION RISK OF ELECTRIC SHOCK, DO NOT OPEN	
CAUTION TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE FRONT OR BACK COVER OF THE TV. THERE ARE NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		



The lightning flash with arrowhead symbol within a triangle alerts the user to the presence of dangerous voltage inside the device that may be sufficient to constitute a risk of electric shock. Do not remove the cover marked with this symbol.



The exclamation point within a triangle alerts the user to the presence of important operating and maintenance (servicing) instructions.

- This device is not intended for commercial use.
- Do not expose the TV to moisture or rain to avoid fire or electric shock. Avoid splashing or dripping water onto the device.
- Do not place any containers filled with liquid (vases, bottles, glasses, etc.) on the TV.
- During operation, the screen and the TV casing may become warm. This is normal and not a malfunction.
- If you notice smoke, strange noises, or unusual odors coming from the device:
 - Immediately turn off the television.
 - Unplug the power cord from the outlet.
 - Contact an authorized service center.
- Immediately disconnect the television from the power source and contact a qualified specialist if any of the following issues occur:
 - The power plug or cord is damaged.
 - The plug does not fit the wall outlet properly.
 - The television has been damaged by a fall or impact.
 - The television has been exposed to moisture or has had foreign objects inserted.
- Never insert foreign objects into the ventilation openings of the TV, as they may come into contact with dangerous voltage points or cause a short circuit, which could result in fire or electric shock.
- 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.
- Do not overload mains sockets, extension cords, or adapters, as this may cause fire or electric shock. The power cord must be routed so that it cannot be stepped

on or pinched by items placed on or against it. Pay particular attention to the cord near the plug, the socket, and the point where it exits the TV. The television's power plug must remain easily accessible. When unplugging the device, always pull the plug, not the cord. Never unplug the device with wet hands.

- Do not press, scratch, or place heavy objects on the screen. This may cause image deterioration or damage the display panel.
- To prevent fire hazards, do not place open flame sources, such as candles, near the television.
- An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits, as contact with them might be fatal.
- If the television will not be used for an extended period, disconnect it from the power supply for safety and energy saving. When the TV is switched off but not unplugged, it remains in standby mode. For the correct operation of certain TV features, it may be necessary for the TV to remain in standby mode.
- During a thunderstorm, turn off the television, unplug the power cord from the outlet, and disconnect the antenna from the television.
- Excessively high volume through headphones may cause hearing damage.

TV Installation

Installation Guidelines

- The TV should be installed near an AC power outlet for easy connection and disconnection.
- For your safety, choose an appropriate wall mount bracket or stand.
- Consult a qualified professional for wall-mounting the TV. Improper installation may result in an unstable TV position.

CAUTION

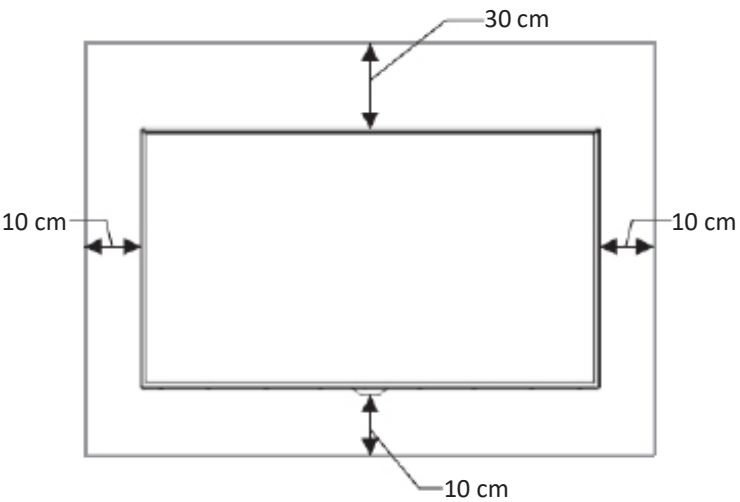
If the TV is not installed on a flat, stable surface, it may be potentially hazardous due to the risk of falling. To avoid damage or injury, please follow these safety precautions:

- Use cabinets or stands recommended by the TV manufacturer.
- Place the TV only on flat, stable surfaces.
- Ensure that the TV does not overhang the edge of the furniture on which it is placed.
- Do not place the TV on tall furniture unless it is securely fastened to the wall.
- Do not place the TV on cloth or other materials positioned between the furniture and the TV.
- Do not install the TV in locations subject to mechanical vibration.
- Do not install the TV in locations where insects may enter the device.
- Do not install the TV directly opposite an air conditioner; otherwise, moisture may condense on the internal screen panel and cause a malfunction.
- Do not install the TV in areas with strong magnetic fields, as they may cause interference, and electromagnetic waves could lead to device failure.
- Explain to children the danger of attempting to climb on the furniture where the TV is installed.

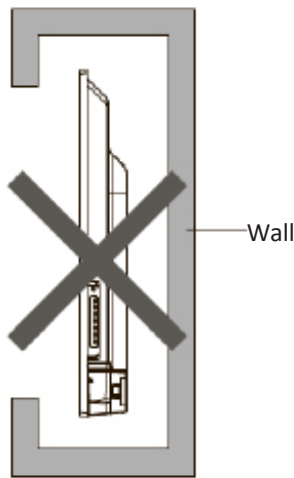
Ventilation

- Ensure that the necessary clearance is left on all sides of the TV, as shown in the diagrams below.
- Do not block the ventilation openings or insert any objects into the housing.
- Do not place the device in a confined space, such as a built-in cabinet. This will prevent proper ventilation and may lead to TV failure.

Clearance for Wall Mounting

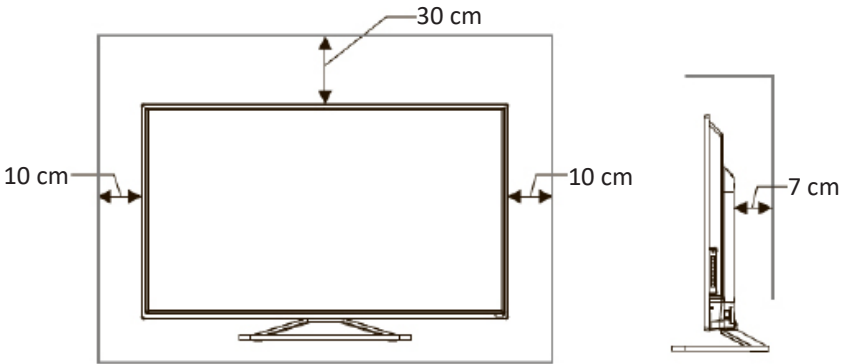


Air circulation obstruction

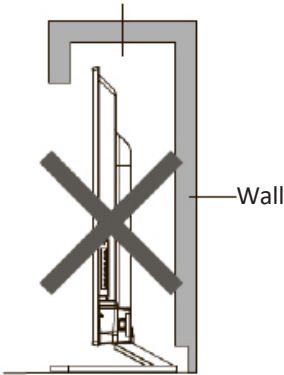


Note: When mounting the TV on a wall, the recommended distance between the rear panel and the wall should not be less than 7 cm.

Clearance for Stand Mounting



Air circulation obstruction



Stand Assembly and Wall Mounting

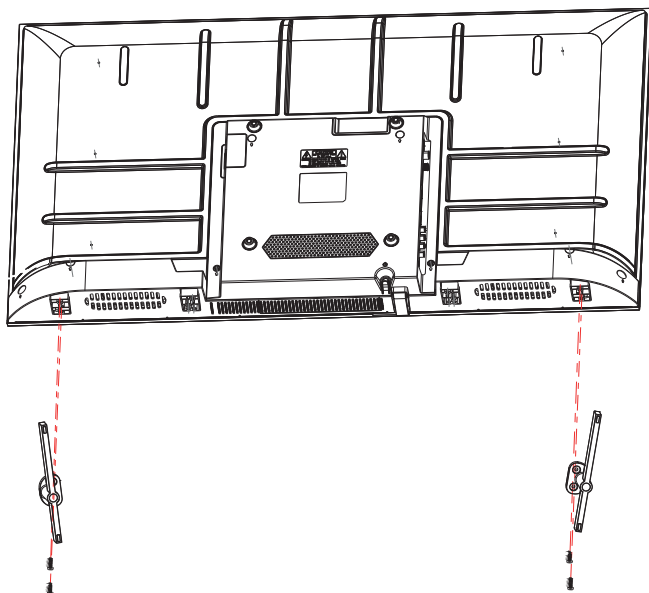
Before installing the TV, unpack it and verify that all components are present:

- TV.
- User manual.
- Remote control.
- Power cord (may be attached to the TV).
- AAA batteries (2 pcs) (optional).
- Stand mounting screws (4 pcs).
- Stand (2 pcs).
- Packaging materials.

If any of these items are missing, please contact the retailer.

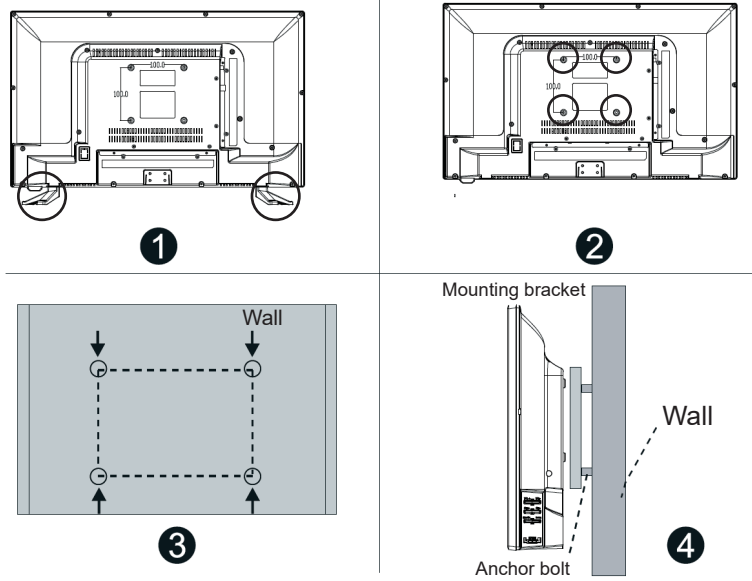
Stand Assembly

1. Before attaching or removing the stand, ensure the TV is turned off.
2. Place the TV screen-down on a soft, flat surface to prevent damage.
3. Remove the stand from the packaging and insert it into the slots at the bottom of the TV.
4. Secure the stand using the included screws.
5. To detach the stand from the TV, perform steps 3 and 4 in reverse order.



Wall Mounting (Optional)

The TV can be mounted on a wall using a special wall mount bracket (not included in the package). Before wall-mounting the TV, you must remove the manufacturer's stands.



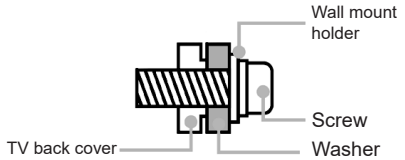
1. Place the TV screen-down on a soft, flat surface to prevent damage.
2. Using a screwdriver, unscrew and remove the manufacturer's stands from the bottom of the TV (1).
3. Mark the screw holes with a pencil according to the dimensions of the wall mount bracket (3). Drill holes in the wall and insert 4 anchor bolts for mounting.
4. Secure the bracket to the back panel of the TV using the appropriate screws (2), and hang the assembly on the wall (4).

Wall Mount Specifications

Wall hole layout diagram	100 × 100 mm
Wall mount screw size	M4 × 6

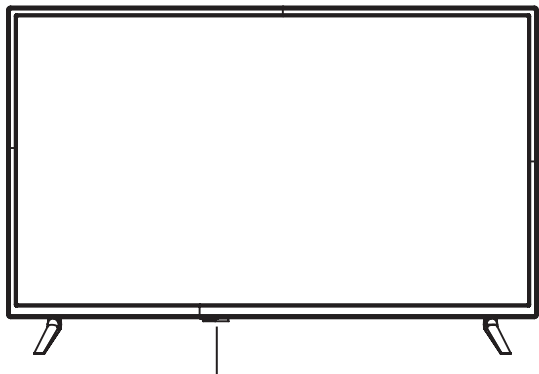
Notes

- The diagram above is for reference only. Use mounting brackets that comply with the VESA standard.



Device Diagram

Front and Side Panels



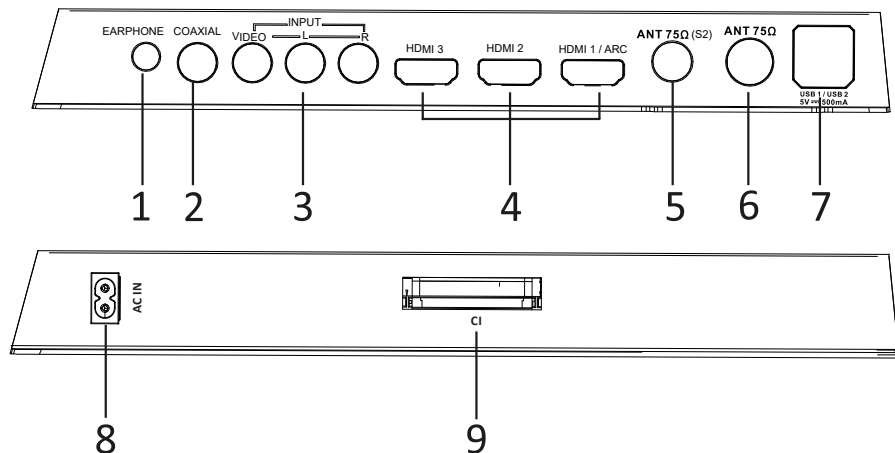
IR Sensor / Power Indicator / Power Button

Name	Description
IR Sensor	Receives remote control signals from the remote. Do not place any objects near the sensor, as this may interfere with its operation.
Power Button	A short press of the power button displays the TV menu on the screen: Power Off         Press: Move  Hold: Select Sequential short presses of the button allow you to navigate through the menu options: Power Off, Menu, Source, Channel Up, Channel Down, Volume Up, Volume Down. A long press of the button on the selected option opens the menu or executes the assigned function.
Power Indicator	In standby mode, the indicator lights up red. In operating mode, the indicator is off.

Notes

- The images are for reference only.
- When power is supplied, the TV requires a few seconds to boot up the software. Do not turn off the TV immediately, as this may cause operational issues.

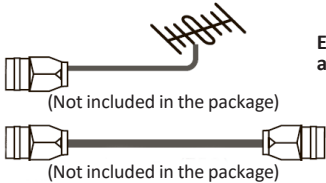
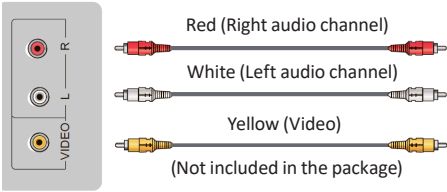
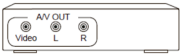
Rear Panel



1. Headphone jack.
2. COAXIAL jack.
3. AV IN jack.
4. HDMI input (Interface for high-definition signal transmission).
5. Satellite antenna input.
6. Antenna input.
7. USB port.
8. AC power input.
9. CI (CAM) slot.

- Check the position and type of connectors before making any connections. A loose connection may cause image or color issues. Ensure all connections are tight and secure. Not all audio and video equipment can be connected to this TV. For more detailed information, please refer to the user manual of the connected device regarding compatibility and connection capabilities.
- Before connecting external equipment, unplug the TV from the power outlet to avoid the risk of electric shock.

External Connections

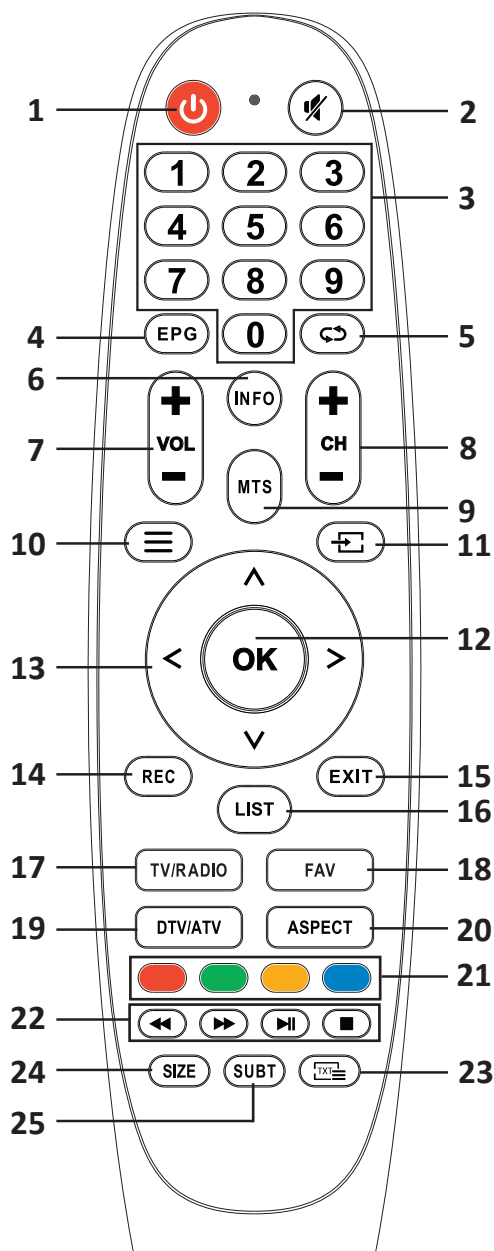
ANT 75 Ω	 External antenna ANT OUT VHF/UHF Antenna
ANT 75 Ω (S2)	 Satellite Dish
HDMI1/ARC / HDMI2 / HDMI3	Audio Amplifier / Speaker / DVD / Blu-ray / AV Receiver / Set-Top Box  
AV IN / INPUT	 DVD / Camcorder / Set-Top Box / Satellite Receiver 
COAXIAL	 S/PDIF Receiver 
EARPHONE	 Headphones

COMMON INTERFACE	 • Before inserting/removing the CI+ module, make sure the TV is turned off. Then insert the CI card into the CI+ module according to the instructions provided by your service provider. • Do not install or remove the CAM module while the TV is on, as this may damage the interface and cause a malfunction. • You must obtain the CI+ module and the smart card from the service provider of the channels you wish to watch. • Insert the CI+ module with the smart card in the direction indicated on the module and the smart card. • CI+ is not supported in some countries and regions; consult your service provider.
USB	 • When connecting an external hard drive or USB storage device, always connect its external power adapter to a power source (if applicable). Exceeding the total current consumption limit may cause the TV to malfunction. The maximum current for USB 1.1 and USB 2.0 devices is 500 mA. • If the hard drive's current draw is 1 A or higher, connecting it may cause the TV to reboot or freeze. • The USB port supports a voltage of 5 V.

Compatible Audio and Video Formats and Codecs for USB Drives

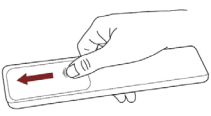
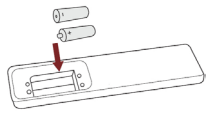
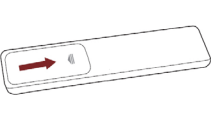
Video	MPG, AVI, TS, MOV, MKV, DAT, MP4, VOB
Audio	MP3
Images	JPEG, BMP, PNG

Remote Control



1. «» (POWER): Turns the TV on or switches it to standby mode.
2. «» (MUTE): Mutes/unmutes the sound.
3. Numeric buttons (0–9): Direct channel selection or numeric input.
4. EPG: Opens the Electronic Program Guide.
5. «» : Returns to the last watched channel.
6. INFO: Displays channel or movie information.
7. VOL / : Adjusts the volume.
8. CH / : Switches channels.
9. MTS: Selects NICAM audio modes.
10. «» (SETTINGS): Opens the TV settings menu.
11. « » : Switches between signal sources.
12. OK: Selects a menu item/option and confirms input.
13. Arrow buttons: Navigates through menus and adjusts certain system settings.
14. REC: Starts recording the broadcast.
15. EXIT: Exits the menu/submenu or cancels the active function (if applicable).
16. LIST: Displays the list of saved TV programs.
17. TV/RADIO: Switches between TV and Radio modes.
18. FAV: Displays the list of favorite programs.
19. DTV/ATV: Switches between digital and analog channels.
20. ASPECT: Changes the video aspect ratio.
21. Color buttons: Access special menu functions.
22. Multimedia buttons: Control multimedia content.
23. TXT: Turns Teletext on/off.
24. SIZE: Changes the picture size.
25. SUBT: Turns subtitles on/off.

Installing Batteries in the Remote Control

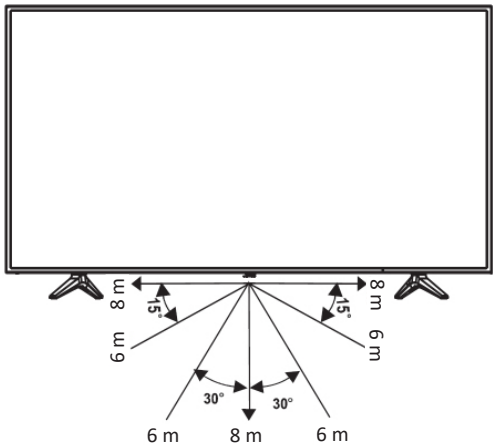
	Slide the back cover to open the battery compartment of the remote control
	Insert two AAA batteries. Ensure that the battery polarity is correct: the positive(⊕) and negative(⊖) ends of the batteries must match the ⊕ and ⊖ marks indicated inside the battery compartment
	Close the battery compartment cover

Note: Product illustrations are for reference only. The actual product may differ in appearance.

Battery Handling

- Improper handling of batteries may cause leakage or corrosion, which can lead to fire, personal injury, or property damage.
- Use only the type of batteries specified in this manual.
- Do not mix old and new batteries, or batteries of different types.
- Do not dispose of batteries with household waste. Dispose of them in accordance with local environmental regulations.

Remote Control Operating Range



Main Operations

Notes

- When turning on a new TV for the first time, the initial setup and initialization may take a few minutes.
 - The on-screen menu of your TV may differ slightly from the images provided in this manual.
 - Available menus and options may vary depending on the selected input source or the specific device model.
 - Device specifications or the content of this Manual are subject to change without prior notice due to product upgrades.
1. After making all necessary connections, plug the power cord into an electrical outlet.
 2. Upon first power-on, the Setup Guide will appear on the screen.
 3. Use the «▲», «▼», «◀» and «▶» buttons to navigate the menu and change settings.
 4. Press the «OK» button to confirm your selection.

Turning the TV On/Off

To turn the TV on/off:

- Plug the power cord into an electrical outlet.
- When the TV is connected to power, press the «POWER» button on the remote control to turn it on or switch it to standby mode.

Volume Adjustment

To adjust the volume during viewing, use the «VOL +» and «VOL -» buttons on the remote control.

Muting/Unmuting Sound

To mute or unmute the sound during viewing, press the «MUTE» button on the remote control.

Selecting the Signal Source

To select a signal source, press the «» button on the remote control. Then, use the «▲» and «▼» buttons to select the desired source and press the «OK» button to confirm.



Initial Setup

First Power-On

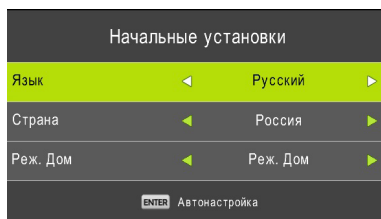
Upon first power-on, the TV will automatically enter the initial setup mode.

Menu Language

Use the «◀» and «▶» buttons to select the on-screen menu and message language.

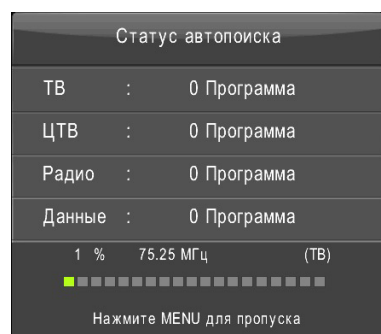
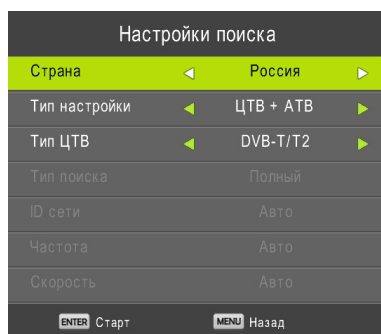
Country

Use the «◀» and «▶» buttons to select your country. After pressing the «OK» button, the channel setup menu will appear on the screen.



Channel Search

- Use the «◀» and «▶» buttons to select the desired search mode:
 - DTV + ATV (Digital TV + Analog TV).
 - DTV (Digital TV).
 - ATV (Analog TV).
- Use the «◀» and «▶» buttons to select the desired digital TV mode. We recommend selecting the DVB-T/T2 mode for viewing over-the-air channels. Press the «OK» button to start the channel search. Follow the on-screen prompts to proceed.



TV Menu

Channel Search

Press the «» button on the remote control. Using the «» / «», buttons, select the signal source: **Satellite** (for satellite channels), **DTV** (for over-the-air or cable digital channels), or **ATV** (for analog channels).

Then press the «» button. The **Channel** menu will open. Using the «» / «» buttons, select the desired setup type:

Auto Search and Channel Save

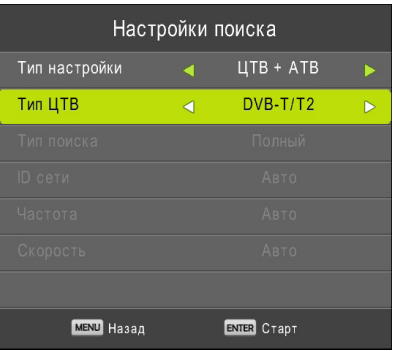


Highlight this option and press the «**OK**» button to enter the sub-menu.

Press the «» and «» buttons to select the desired mode:

- DTV + ATV (Digital TV + Analog TV).
- DTV (Digital TV).
- ATV (Analog TV).

After pressing the «**OK**» button, the tuning process will begin. Upon completion of the auto search, all found channels will be saved in the TV's memory. To cancel the search at any time, press the «**EXIT**» button.

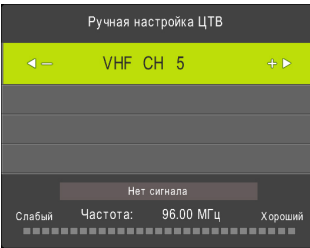


Manual Channel Tuning

Press the «≡» button to open the **Channel** menu. Using the «▲» / «▼» buttons, select the **Manual DTV Tuning** option:

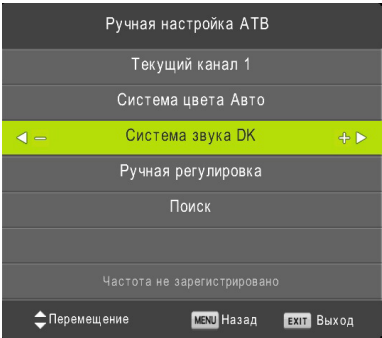
Manual DTV Tuning

When the «Manual DTV Tuning» screen appears, use the «◀» and «▶», buttons to select a specific channel number, then press the «OK» button to start searching for that channel. During signal tuning, the signal strength and quality will be displayed on the screen.



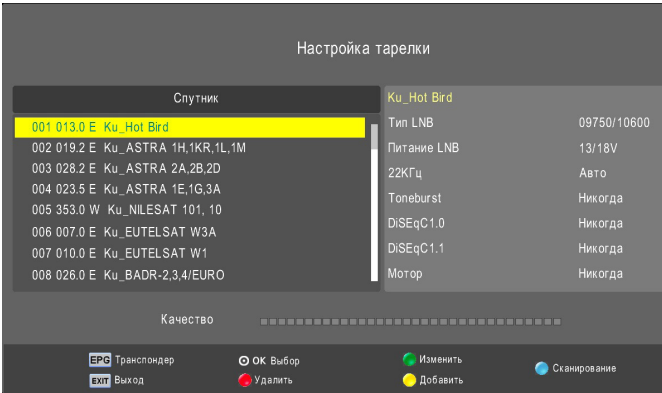
Manual ATV Tuning

To manually tune to analog channels, select the **Manual ATV Tuning** option and follow the on-screen instructions.



Manual Satellite Dish Tuning

To manually tune to satellite channels, select Dish Setup to open the menu. Select your satellite from the list. Then, following the on-screen prompts, use the remote control buttons to set the required parameters (such as LNB frequency and DiSEqC) and start the search.

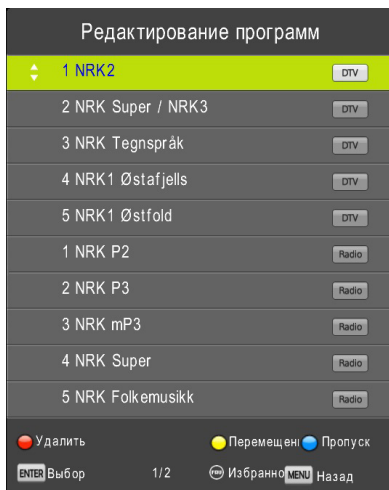


Channel Editing

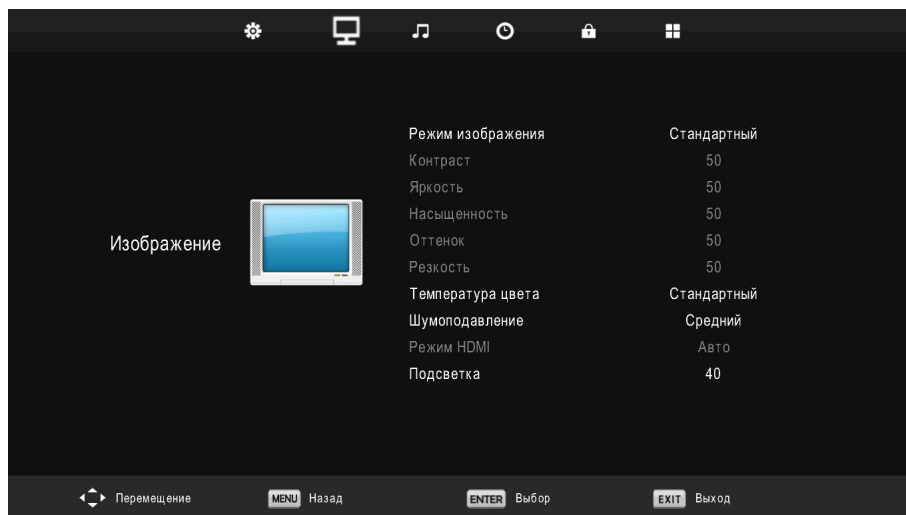
Press the «**≡**» button. The **Channel** menu will open. Use the arrow buttons to select **Channel Edit**.

In this section, you can manage the programme list using the corresponding remote control buttons.

- **Red button** — delete channel.
- **Yellow button** — move channel.
- **Blue button** — skip channel. (When switching channels with the «**CH** **⊕/⊖**» buttons, this channel will be skipped)
- **FAV button** — add channel to the Favorites list.



Picture Settings



Picture Mode

By selecting the desired picture mode, you can adjust all picture parameters simultaneously. In User mode, you can individually adjust the following picture settings.

Contrast

Adjusts the ratio between the light and dark areas of the image.

Brightness

Increasing the brightness makes the dark areas of the image lighter, while decreasing it makes the light areas darker.

Hue

Adjusts the tint to make colors appear more natural. This setting is only available for the NTSC color system.

Sharpness

Increasing the sharpness makes the outlines of the image clearer.

Saturation

Adjusts colour intensity and depth.

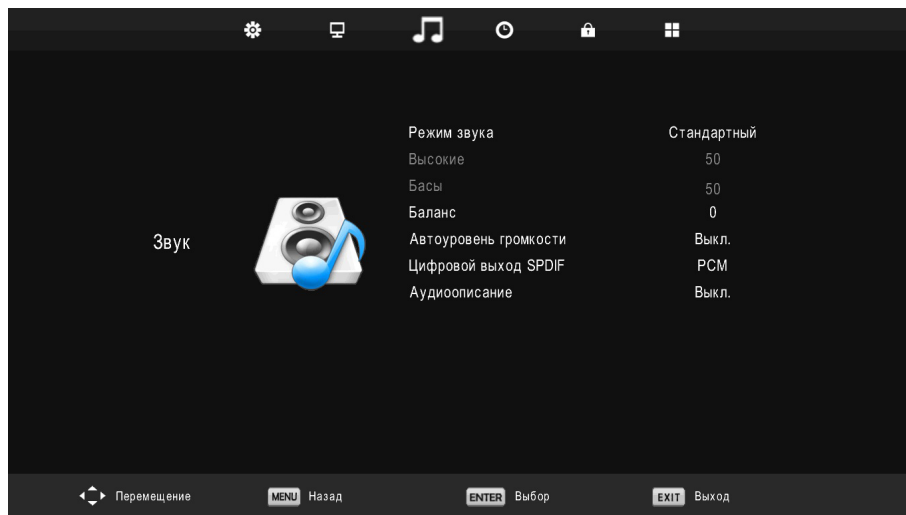
Color Temperature

Adjusts the overall tone of the image from «cool» to «warm».

Noise Reduction

Select the appropriate noise reduction level: Low / Medium / High / Off.

Sound Settings



Sound Mode

Select the appropriate mode from the list. In **User** mode, you can individually adjust the sound parameters.

Auto Volume Control

Automatically adjusts the volume balance of sound received from various sources to prevent sudden loud noises. Select On or Off to enable or disable this function.

Digital Output Mode

Select the digital output mode suitable for connecting to a digital audio amplifier.

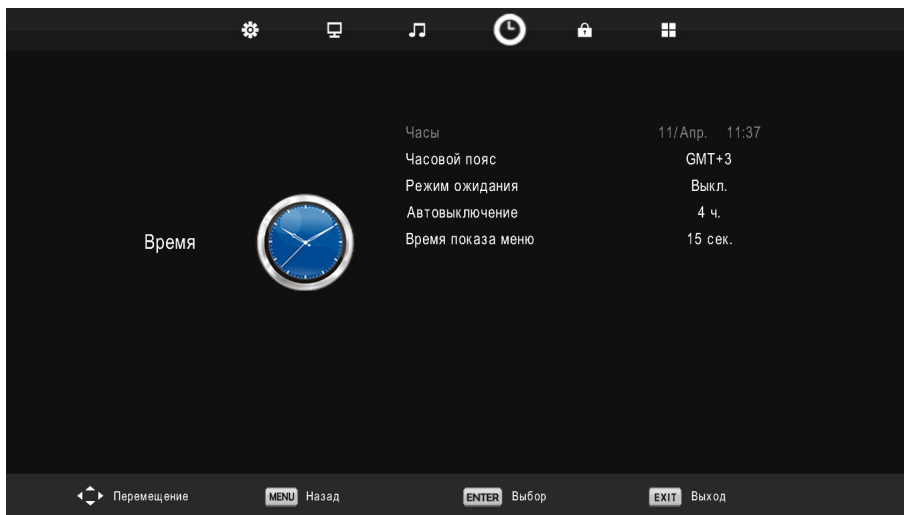
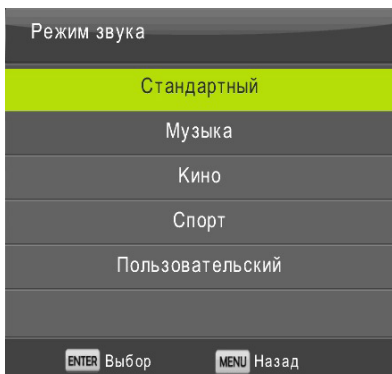
Audio Description

When broadcast information is available, this function adds additional audio commentary to assist viewers with visual impairments. Select On or Off to enable or disable this function.

Time and Timer Settings

Clock Setup

Select this option and press the «OK» button. After setting the time, press the «OK» button again to save the settings and return to the previous menu.



Time Zone

Select this option and press the «OK» button. Use the arrow buttons to select the desired time zone.

Sleep Timer

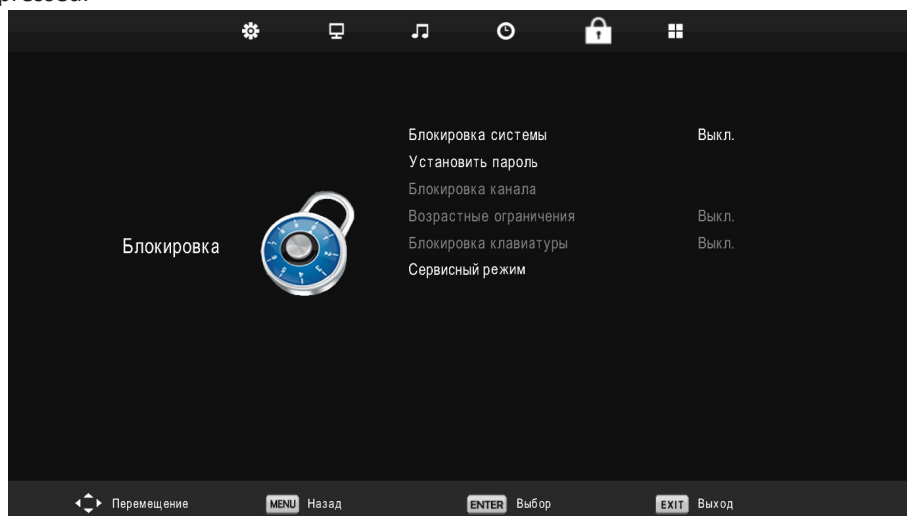
Select this option and press the «OK» button. Use the arrow buttons to select the desired time for the TV to automatically turn off. Press the «OK» button again to confirm.

Auto Power Off

Select this option and press the «OK» button. Use the arrow buttons to select the desired inactivity time after which the TV will automatically turn off. Press the «OK» button again to confirm.

Menu Timeout

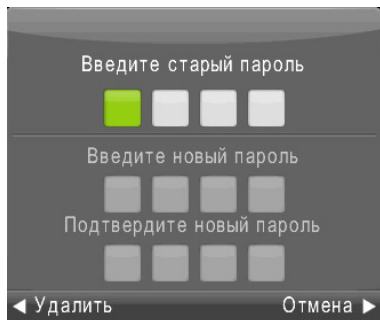
Select this option and press the «OK» button. Use the arrow buttons to select the desired time for the on-screen menu to automatically disappear if no buttons are pressed.



Lock Settings

System Lock

Select this option and press the «OK» button. A password is required to access the settings. If the user has not set a custom password, the default password is «0000», «8888», or «4711».



Change Password

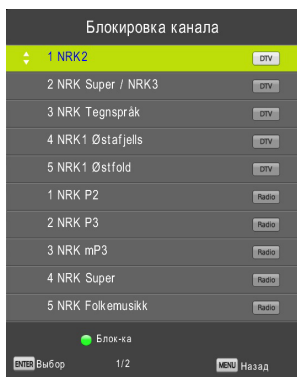
Select this option and press «**OK**». Use the arrow buttons to select the password characters. Press «**OK**» to confirm the password.

Keypad Lock

Select this option and press «**OK**». Select On or Off. Press «**OK**» to save the setting.

Channel Lock

Select this option and press «**OK**». Select a channel, then press the «**Green**» button to enable or disable the lock for that channel.



Parental Control

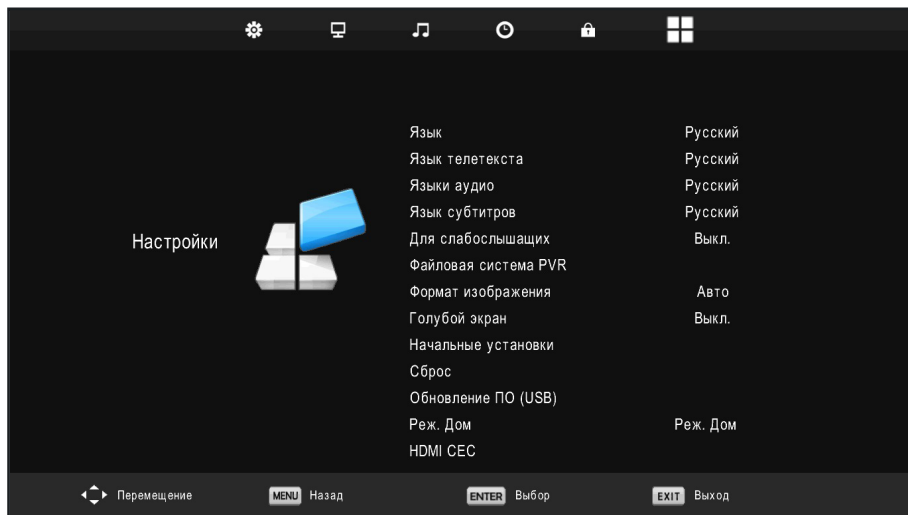
Select this option and press «**OK**». Select the appropriate age restriction level for children, then press «**OK**» to save the setting. Select Off to disable the restriction.

Service Mode

This mode allows the user to restrict certain TV control functions. Select this option and press «**OK**». Use the arrow buttons and the «**OK**» button to configure the following settings:

- Lock specific input sources.
- Select the input source the TV will automatically switch to when turning on from standby mode.
- Select the specific channel to tune to, provided the selected source is Satellite, DTV, or ATV.
- Set the default volume level when switching the TV from standby to operating mode.
- Restrict the maximum volume level that the user can set.
- Copy channel tuning parameters from a USB drive to the TV.
- Copy channel tuning parameters from the TV to a USB drive.
- Cancel and reset the above configurations.

Additional Settings



Menu Language

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Teletext Language

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Primary Audio Language

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Subtitle Language

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Hearing Assistance

Select this option and press «OK» to enable the function for hearing-impaired users.

Recording Device File System

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Picture Format

Select this option and press «OK». Use the arrow buttons to make a selection. Press «OK» to save the setting.

Blue Screen

This function fills the screen with a solid blue color when there is no video signal. Select this option and press «**OK**» to enable the function.

Initial Setup

Select this option and press «**OK**». The description of this sub-menu is provided earlier in this manual.

Factory Reset

This function restores the TV to its default factory settings. Please note that performing this function will erase all received channel data, video settings, and custom configurations. Select this option and press «**OK**» to confirm.

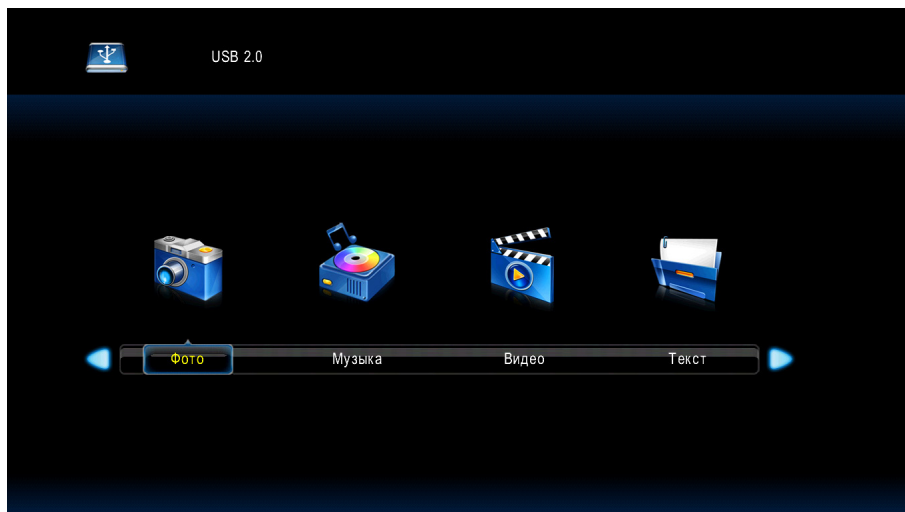
Software Update

This function is intended for qualified specialists and should only be performed in an authorized service center.

HDMI CEC (Device control via HDMI connection)

This function allows synchronised control of devices connected via HDMI, provided they support this technology. Select this option and press «**OK**». Use the arrow buttons to make a selection. Press «**OK**» to save the setting.

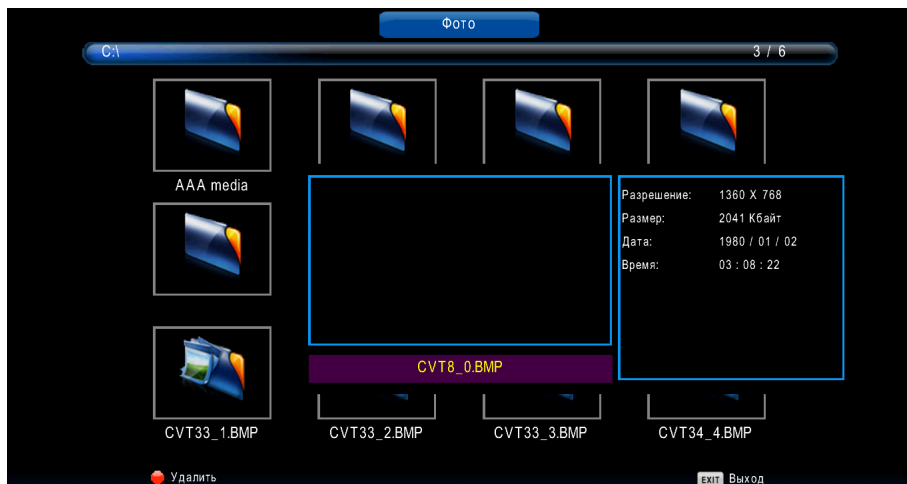
Media Playback



Accessing Media Mode

1. Connect a USB storage device containing your media files to the TV's USB port.
2. With the USB device connected, press the «» button, navigate to Media, and press «OK» to confirm. The file playback menu will appear on the screen.
3. Use the «» and «» buttons to select the desired file type (e.g., Video, Music, Picture), then press «OK».
4. During file playback, playback control icons will be displayed at the bottom of the screen. Use the «» and «» buttons to highlight the desired icon, then press «OK» to execute the corresponding function. Alternatively, you can use the dedicated multimedia playback buttons on the remote control.

Viewing Images

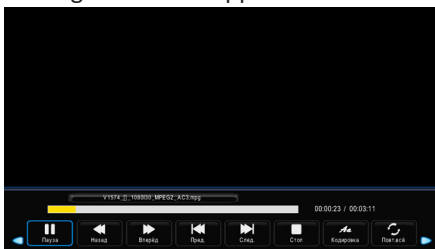
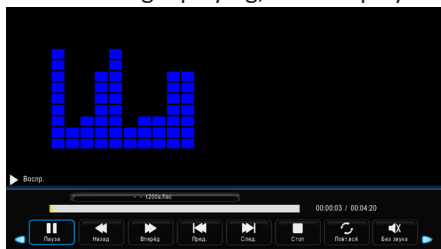


Select the desired image file and press «OK». The image will open in full-screen mode, and the slideshow settings menu will appear on the screen.

Playing Music and Movies



Select the audio or video file you wish to play and press «OK». The file will begin playing, and the playback settings menu will appear.

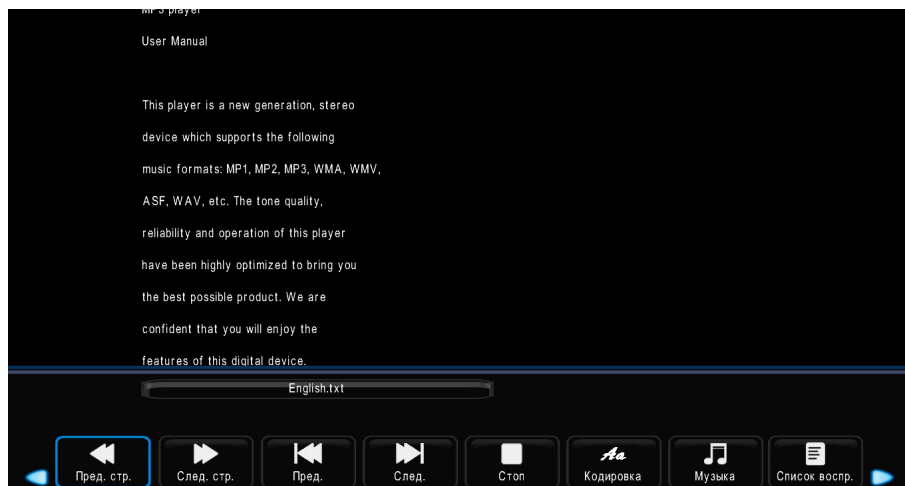


Playback control icons will be displayed at the bottom of the screen. Use the «◀» and «▶» buttons to highlight the desired icon, then press «OK» to execute the corresponding function. Alternatively, you can use the dedicated multimedia playback buttons on the remote control.

Viewing Text Files

Select the desired text file and press «OK».

The screen will display a list of chapters, table of contents, etc. A playback settings menu will also appear.



Playback control icons will be displayed at the bottom of the screen. Use the «◀» and «▶» buttons to highlight the desired icon, then press «OK» to execute the corresponding function. Alternatively, you can use the dedicated multimedia playback buttons on the remote control.

Teletext

Teletext is an information system that displays text pages on the TV screen. Using Teletext, you can view pages with information on topics available from the main Teletext page.

Accessing Teletext Mode

Tune to a TV channel that broadcasts a Teletext signal. Press the «TXT» button to enter Teletext mode. Typically, the main Teletext page (menu) will be displayed on the screen.

Selecting Pages

Enter the page number using the numeric buttons on the remote control. The selected page number appears in the upper-left corner of the screen. The TV will search for and display the page. Use the «▲» / «▼» buttons to navigate through pages.

Returning to the Main Teletext Page

Enter «100» using the numeric buttons on the remote control.

Changing the Teletext Window Size

Press the «SIZE» button to change the Teletext window size in the following sequence: Enlarge top half of the page > Enlarge bottom half of the page > Normal window size.

Color Buttons

Use these buttons to directly access pages of the corresponding color shown at the bottom of the Teletext window.

Exiting Teletext Mode

To exit Teletext mode, press the «**TXT**» button.

Digital TV Functions

Favorite Channel List

In DTV (Digital TV) mode, press the «**FAV**» button on the remote control to open the list of favorite channels. Use the «**▲**» and «**▼**» buttons to select the desired channel and press «**OK**» to switch to it.

Current Program Information

In DTV mode, press the «**INFO**» button on the remote control to view detailed information about the current program.

Note: The Electronic Program Guide (EPG) is available only if provided by the broadcaster.

Enabling and Selecting Subtitles

In DTV mode, press the «**SUBT**» button to open the list of available subtitles (depending on the broadcaster).

Recording TV Programs

To record TV programs, a USB storage device must be connected to the TV.

CAUTION: During recording, the storage device may be formatted. Therefore, do not store important files on USB drives used for video recording.

Note: The Favorite Channel List, Current Program Information, Audio Mode Selection, and Enabling/Selecting Subtitles features are also available when receiving analog (ATV) broadcasts.

Electronic Program Guide (EPG)

The EPG function allows you to see which TV programs will be broadcast over the next 7 days. Commercial TV networks provide this data only for digital channels. Additionally, the EPG allows you to record your favorite programs and supports a reminder function to automatically switch channels at a set time so you do not miss programs of interest.

- Press the «**EPG**» button on the remote control to display channel information.
- Select the current program and press «**OK**» to start watching it.
- Select a program that has not yet started broadcasting and press «**OK**» to choose the PVR (Record) or Reminder function.
- Press «**CH +**» / «**CH -**» to scroll the channel list up or down by page.
- Press the «**Red**» button to view the list of scheduled reminders and recordings.
- Press the «**Green**» button to select colors for marking different program genres.
- Press the «**Yellow**» button to view the previous day's programs.
- Press the «**Blue**» button to view the next day's programs.

TimeShift Function

The TimeShift function is active in digital TV broadcasting mode and allows you to temporarily pause live TV and resume watching from the same point later. Recorded data is erased when the function is exited. To enable the function, press the « **▶||** » button on the remote control.

PVR Function

The PVR function allows you to record digital TV programs for later viewing. This function is available only for Digital TV (DTV). To use the PVR function, a USB storage device must be connected to the TV.

Supported storage formats: NTFS, FAT32, FAT16. The PVR function will not work without a connected storage device.

- You can schedule a recording via the **EPG** menu or the **Program Schedule** sub-menu in the **Channel** menu, using the on-screen prompt buttons.
- To record while watching a program, press the «**REC**» button.
- By default, the recording is saved to the USB device. If two USB devices are connected to the TV, you can select which one to save the recording to.
- If you press the «**POWER**» button during recording, the TV will enter standby mode, but the recording will not be interrupted.

Notes

- The USB device capacity must be at least 2 GB (for 15 minutes of HD video recording).
- If the USB drive's data transfer speed is too low, a pop-up notification will appear. In this case, try using a different storage device.
- The PVR function does not support analog channels.
- Recording scheduling is unavailable while watching a currently broadcasting live program.
- Some TV stations may prohibit recording.
- The PVR function is disabled for locked and encrypted channels.
- The PVR function is only available for programs that have not yet aired.
- The TV records programs even in standby mode.

Troubleshooting Guide

Issue	Solution
TV does not respond to remote control commands	• Ensure there are no obstacles between the TV and the remote control • Ensure the batteries are charged and installed correctly (⊕ to ⊕, ⊖ to ⊖) • Replace with new batteries if necessary
TV does not turn on: no picture and no sound	• Verify that there is power in the wall outlet by plugging in another device • Ensure the power cord is securely connected to both the outlet and the TV • Ensure the power cord is not damaged • Ensure the TV is turned on (press the power button on the TV panel or the «POWER» button on the remote)
TV turns off spontaneously	Check the reliability of the power connection. There may be a power grid failure or a poor contact in the wall outlet
Fails to tune channels or misses some channels	• Select the correct search mode and perform an auto-search again. Refer to the «Initial Setup» and «Manual Tuning» sections of this manual • Check the correct direction of your antenna, cable integrity, connectors, and connection reliability • Update the Firmware (SW). You can find the appropriate firmware on the official DNS website • Contact your cable TV operator
«No Signal» message is displayed on the screen.	• Check that the correct input source is selected in the Source menu («» button) • Ensure the external device/antenna is securely connected via the signal cable, turned on, and functioning • Try replacing the signal cable; the issue may be with the cable itself • Refer to the «External Connections» section of this manual and reconnect the external device

Issue	Solution
"No Signal" or "Invalid Format" when connected to a PC (HDMI)	• Check that the correct input source is selected in the Source menu («  ») • Ensure the TV supports the resolution and refresh rate of the graphics card. If an unsupported resolution or refresh rate is set in the graphics card settings, change it to the recommended parameters • Turn the TV off/on with the remote • Reconnect the HDMI cable • Restart the PC while the TV is on
Sound is missing or distorted during viewing	• Press the «VOL +» / «VOL -» button on the remote control • Ensure that «Mute» mode is not enabled («MUTE» button) • Switch the channel. The issue may be related to the specific channel • Ensure the audio cable is connected to the correct audio output jack and is not damaged • When connecting an antenna or cables, check the signal information. A low signal level can cause sound distortion • When playing video content from a USB drive, the audio track format may not be supported.
Black and white image or poor color reproduction	• Adjust the Color, Tint, and Color Temperature in the following menu: MENU > Picture. • Perform a Screen Settings Reset in the following menu: MENU > Settings > Reset
Power is on, but the image is very dark	• Adjust the Brightness and Contrast in the following menu: MENU > Picture • Perform a Screen Settings Reset in the following menu: MENU > Settings > Reset
Image does not appear immediately after turning on the TV or switching channels	This is not a defect. This phenomenon is due to the screen pixels adjusting before the image is displayed.
Unspecified playback or signal transmission problem. A built-in TV function is not working	Contact the nearest service center in your area. Addresses can be found at: www.dns-shop.ru/service-center

Specifications

Model	24HEN3	24HEN3W
Trademark	Aceline	
Screen size	24'' (61 cm)	
Screen resolution	1366 × 768 (HD)	
Aspect ratio	16:9	
Panel technology	IPS	
Display colors	16.7 million	
Contrast ratio	1200:1	
Luminance	200 cd/m ²	
Refresh rate	60 Hz	
Speaker power	2 × 5 W, 8 Ω	
TV signal	DVB-T2, DVB-S2	
Power supply	220–240 V ~ 50 Hz	
Power consumption	36 W	
Supported formats	Video: MPEG-1, MPEG-2,MPEG-4 (Codecs: SP/ASP, H.263/H.264) Audio: .MP3, .WMA (Codecs: AC3, EAC3) Images: .JPEG, .JPG, .BMP, .PNG	
Energy efficiency class	B	
Cord type	X	
Dimensions (W × D × H)	With stand: 538.1 × 150.5 × 357.2 mm Without stand: 538.1 × 325.9 × 75.3 mm	
Package contents	Device, remote control, AAA batteries (2 pcs), power cord, user manual	
Scope of application	Domestic	

Supported Resolutions Table		
HDMI	ПК	
480i	Up to 1366 × 768, 60 Hz	
480p		
720p, 60 Hz		

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

- The installation and mounting conditions for the device are described in the «TV Installation» section of this user manual.
- 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.
- To ensure correct transportation of the device, the following requirements must be observed:
 - Remove any internal accessories from the device, if present, and pack them separately.
 - Ensure the device is properly packed to maintain its functionality and appearance (large appliances must be wrapped in polyethylene or bubble wrap, with corrugated cardboard padding in critical areas).
 - Secure the device firmly with straps to prevent any movement inside the transport vehicle.
 - To completely eliminate exposure to the environment, use only enclosed transport.
 - Exercise extreme caution when handling the packaging during loading and unloading operations.
 - Protect the device from sharp impacts and drops.
 - Avoid prolonged exposure to rain or wet snow.
 - Do not place heavy objects on the packaging.
- 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.
- Upon expiration of the service life of batteries supplied with the device, do not dispose of them with other household waste. Batteries must be disposed of in accordance with local waste recycling regulations to prevent potential environmental harm resulting from uncontrolled waste disposal.
- If a device malfunction is detected, immediately contact an authorized service center or dispose of the device.

Note: The product contains no precious metals.

Additional Information

Manufacturer: Open Joint-Stock Company «Vityaz».

Address: Republic of Belarus, 210605, Vitebsk, 13a Petrusya Brovki Street.

Made in the Republic of Belarus.

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

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: 36 months

Service Life: 48 months

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

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

Maintenance and Service Life

Provided that the operating rules outlined in this User Manual are followed, the service life of the television is 4 years from the date of sale through the retail network. If the date of manufacture cannot be determined, the service life is calculated from the date of manufacture of the television. During this period, the manufacturer ensures the consumer's ability to use the product for its intended purpose, as well as the production and supply of spare parts to retail and repair facilities.

Operating Conditions:

- Ambient temperature: 10 °C to 35 °C.
- Relative humidity: Up to 80 % (at 25 °C).
- Atmospheric pressure: 86 to 106 kPa (650 to 800 mmHg).

HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE



The production date is indicated on the packaging.

v.1

Appendix to the User Manual

Certificate of Conformity to the requirements of: TR CU 004/2011 «On The Safety of Low-voltage Equipment», TR CU 020/2011 «Electromagnetic Compatibility of Technical Products». The television complies with the requirements of technical specifications TU RB 300031652.051-2004. In terms of operational safety, the television meets the Class II protection requirements according to GOST IEC 60065-2013. The quality management system for the design, production, and maintenance of consumer radio-electronic equipment, household electrical appliances, and information technology equipment complies with the requirements of STB ISO 9001-2015.						
The product complies with the requirements of the Eurasian Economic Union Technical Regulation TR EAEU 037/2016 «On the Limitation of the Use of Hazardous Substances in Electrical and Radio Electronics Products».						
Model	Net weight, kg	Gross weight, kg	Packaging dimensions, mm (L x W x H)	Specific power consumption of operating mode, W/cm ²	Power consumption in standby mode, W	Power consumption in off mode, W
24HEN3	2.2	3.1	602 x 103 x 375	0.024	0.5	0
24HEN3W						

aceline