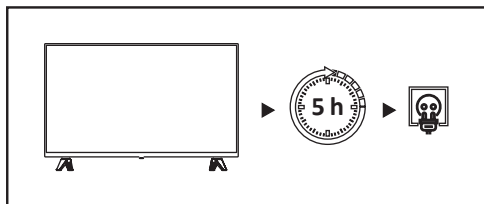


User Manual

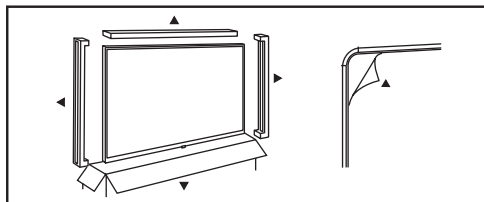
LED TV
43UEG1
43UEG1W

DEXP

Quick Start Guide



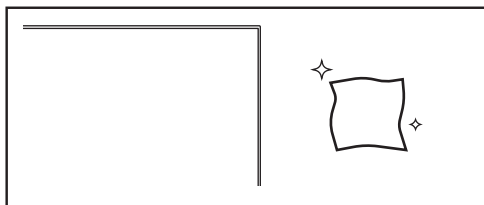
Let the TV sit indoors for at least 5 hours after transport to prevent damage caused by temperature changes.



Remove all shipping packaging (cardboard, foam, plastic bags, protective film from the TV housing) and gently wipe the housing with a dry, soft cloth to remove dust.

CAUTION!

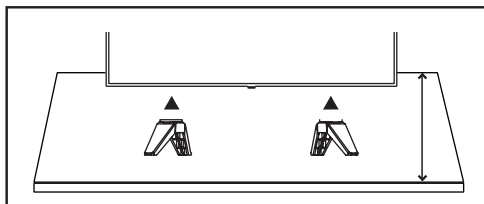
Do not remove the protective film from the screen panel until wall or stand installation is complete, if applicable.



Use only a dry, soft, lint-free cloth to clean the screen.

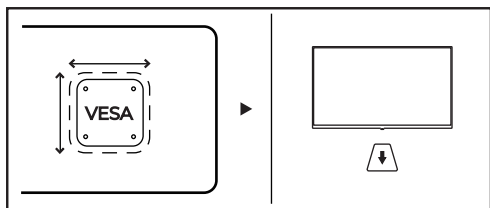
CAUTION!

Do not use liquids, sprays, or abrasive materials.



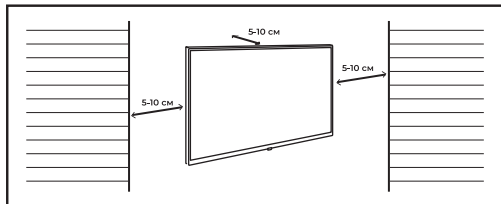
Installing on a Stand

Attach the included legs (or stand) following the instructions. Use a screwdriver to secure them firmly. Place the TV on a flat, stable, solid surface capable of supporting its weight. Make sure the stand does not extend beyond the edge of the surface.

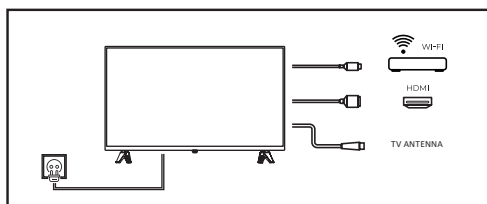


Wall Mounting

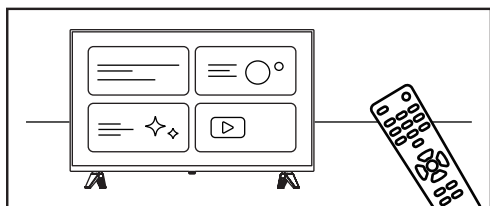
Use only a compatible VESA mount rated for your TV's weight and dimensions. Before installing the bracket, make sure the wall can support the TV's weight.



Regardless of the installation method, leave at least 5–10 cm of clearance behind and on the sides of the TV for airflow and cooling. Do not install the TV in an enclosed, unventilated recess, near heat sources (radiators, fireplaces), or in direct sunlight.



Before connecting, make sure your electrical network parameters match the TV's power specifications. Connect the power cord and, if needed, the antenna, HDMI devices (set-top box, console), or a Wi-Fi adapter.



Turn on the TV using the remote control. Complete the initial setup by following the on-screen instructions: select a language, connect to Wi-Fi, scan for channels (for antenna), and sign in to your account.

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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.
- Do not expose the TV to moisture or rain, to avoid the risk of fire or electric shock. Avoid splashing or dripping water on the device.
- Do not place any containers filled with water (vases, bottles, glasses, etc.) on the TV.
- The screen and housing may become warm during operation. This is not a malfunction.
- If the device emits smoke, an unusual noise, or an odor:
 - Immediately turn off the TV.
 - Unplug the power cord from the outlet.
 - Contact an authorized service center.
- Children and people with disabilities may not correctly assess potential risks. For this reason, children and people with disabilities should not use electrical appliances unsupervised. Batteries and other small parts pose a potential choking hazard. Such items should be stored out of reach. If choking occurs, seek medical attention immediately. Packaging materials should also be stored out of reach.
- Using headphones at high volume may cause irreversible hearing damage. Lower the volume before connecting headphones, then increase it to a comfortable level.
- This device must only be connected to a mains supply matching the specifications shown on the device's rating label.
- The power plug must always remain easily accessible, as it serves as the device's power disconnect.
- To disconnect the device from the mains, unplug the power cord by the plug. Never pull the cord itself.
- All cables must be routed so that they are not pinched or crushed by objects placed on or against them.
- If the power cord is damaged, it must be replaced by the manufacturer, an authorized service technician, or a similarly qualified specialist to avoid hazards.
- Do not install the device near water, such as in a bathroom or near a sink.
- Never touch the device or any connected cables with wet hands, as this may cause a short circuit or electric shock.

- To avoid fire, do not place open flame sources, such as lit candles, or heat sources, such as radiators, on or near the device.
- Never disassemble the device yourself, to avoid electric shock. This device contains no user-serviceable parts. Contact an authorized service center for repairs.
- The device's slots and openings are designed for ventilation and to ensure proper operation. To prevent overheating, these openings must not be covered in any way, such as with newspapers, tablecloths, or curtains.
- Always leave a minimum clearance of 10 cm around the device for adequate ventilation.
- Never insert any objects into the device through its openings, as they may come into contact with electrical components, which could cause electric shock or fire.
- In the event of a thunderstorm or lightning:
 - Disconnect the TV from the mains.
 - Disconnect the antenna cable from the TV.
 - Disconnect all connected peripherals.
- Always turn off the device when not in use. If the device will not be used for an extended period, disconnect it from the mains.
- Disconnect the device from the outlet before cleaning. Do not use liquid or aerosol cleaning agents. Use a dry, soft cloth for cleaning.
- This device is intended for home and personal use only. Do not use this device for commercial, industrial, or other purposes.
- Do not subject the device to strong impacts, excessive temperatures, or prolonged direct sunlight.
- Keep the device away from magnetic objects, motors, and transformers.
- Do not use the device outdoors, regardless of weather conditions.
- Install the device only on a stand (furniture, wall) capable of supporting its weight.

CAUTION!

Never install the TV in an unstable location. The device may fall, causing serious injury or even death. Many injuries, especially to children, can be avoided by taking simple precautions:

- Use furniture or stands recommended by the TV manufacturer. It is recommended to use only furniture that can support the weight of the TV.
- Make sure the device does not extend beyond the edge of the furniture it is placed on.
- Never place the device on tall furniture (such as cabinets or bookshelves) without securing both the furniture and the device to a suitable support.
- Do not place the device on an unstable cart or stand. Do not place the device on fabric or other materials placed between its base and the furniture. The device may fall and be damaged, or cause serious injury.
- Do not use or watch the TV while driving. This is dangerous and prohibited by law in some countries.
- Explain to children the danger of climbing on furniture to reach the device or remote control.
- The same precautions must be observed if the device is moved to another location.
- It is not recommended to use the device in areas where oily smoke or steam is present, as this may damage the device's materials.
- A TV connected to a power outlet remains in standby mode. After 30 minutes of inactivity, the TV will switch to sleep mode.

Note: The images in this manual are for illustrative purposes only; refer to the actual product for accurate information.

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).
- After transportation or storage at low temperatures, allow the TV to acclimatize to room temperature for at least 5 hours before connecting it to the power supply and turning it on.

CAUTION!

- To avoid damage or injury, securely mount the device to the wall in accordance with the installation instructions provided in this manual.
- When mounting on angled surfaces, the TV panel must always be installed in a vertical position. The tilt angle between the panel and the vertical plane must not exceed 15° (this rule strictly applies to the bezel-less TV series).

TV Installation

Before using the device, you must attach the stand or mount the TV on a wall.

CAUTION!

If the TV is not placed on a flat, stable surface, it may pose a tip-over hazard.

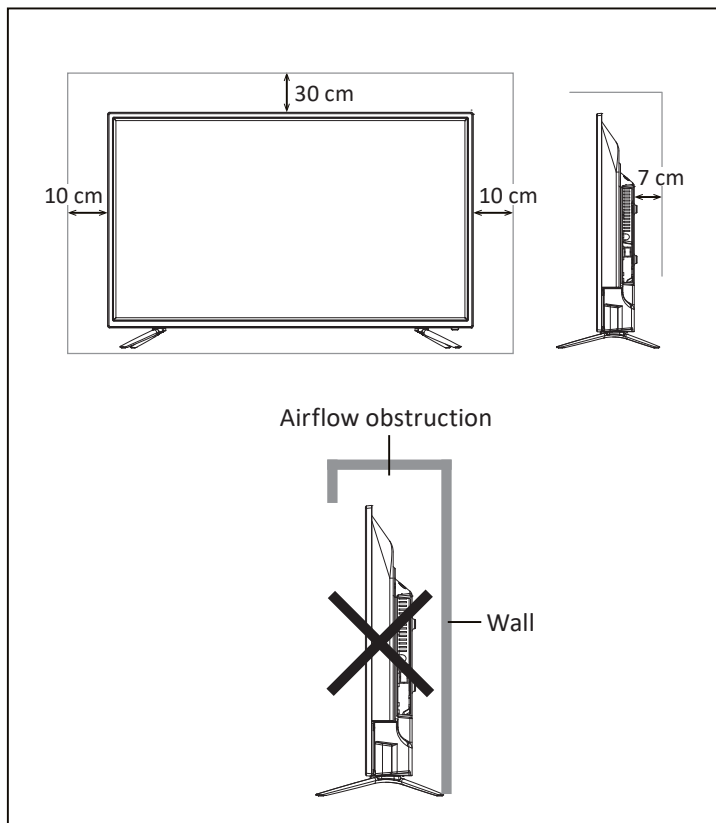
To avoid damage, observe the following precautions:

- Install the TV only on flat, stable surfaces.
- Make sure the TV does not overhang the edge of the furniture it is placed on.
- Do not place the TV on tall furniture unless it is properly secured.
- Do not place the TV on fabric 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 could enter it.
- Do not install the TV directly opposite an air conditioner, as moisture may condense on the inner screen panel and cause damage.
- Do not install the TV in areas with strong magnetic fields, as this may interfere with its operation, and electromagnetic waves could cause it to malfunction.
- Explain to children the danger of climbing on furniture on which the TV is installed.

Ventilation

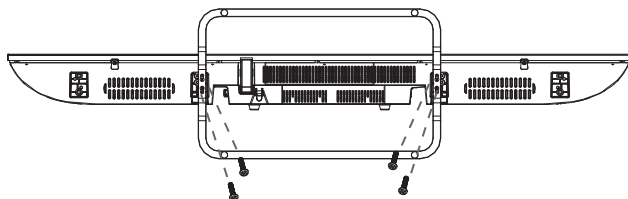
- Make sure sufficient clearance is left on all sides of the TV, as shown in the diagrams below.
- Do not block the ventilation openings or insert any objects into the housing.
- Do not place the device in an enclosed space, such as a built-in cabinet. This will restrict proper ventilation and cause the TV to malfunction.

Clearance for Stand Mounting

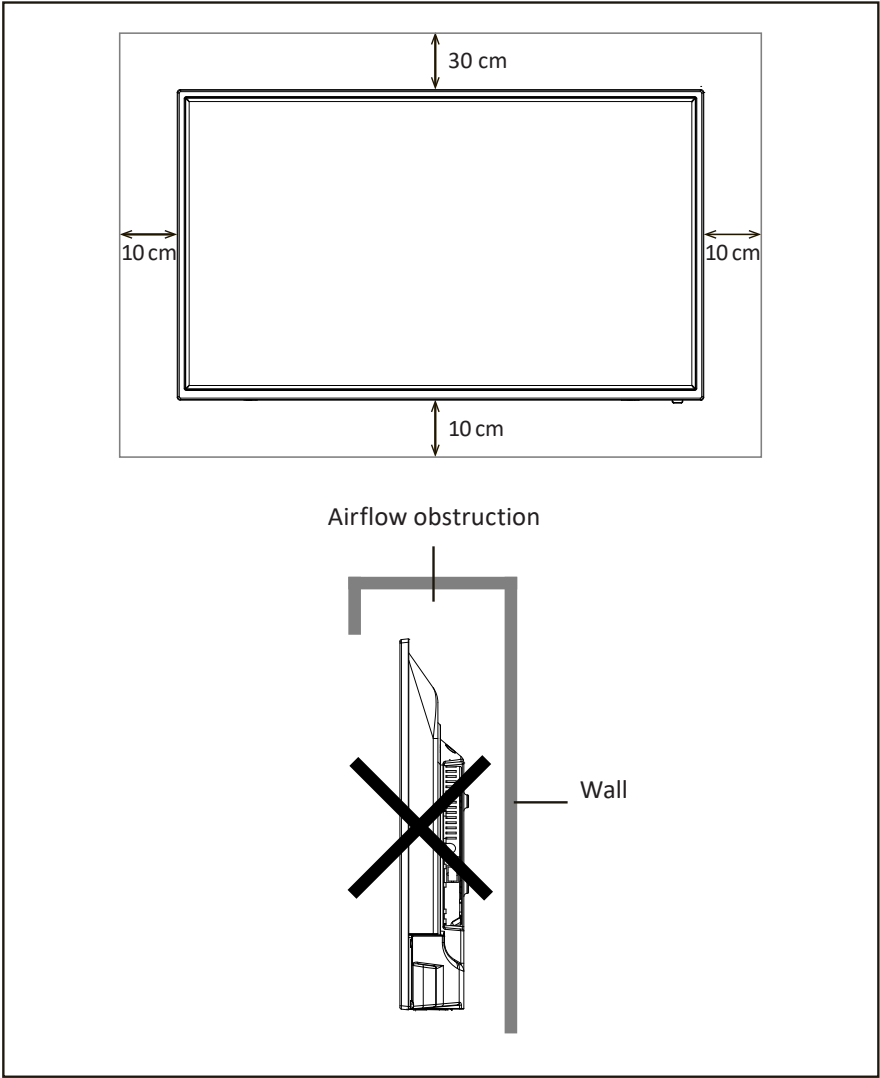


Stand Assembly

1. Before attaching or removing the stand, make sure the TV is turned off.
2. Place the TV screen-down on a soft surface to prevent damage.
3. Align the stand with the holes on the bottom of the TV and secure it with the included screws: insert 2 screws on each side using a PH2 screwdriver.
4. To detach the stand from the TV, remove the screws.



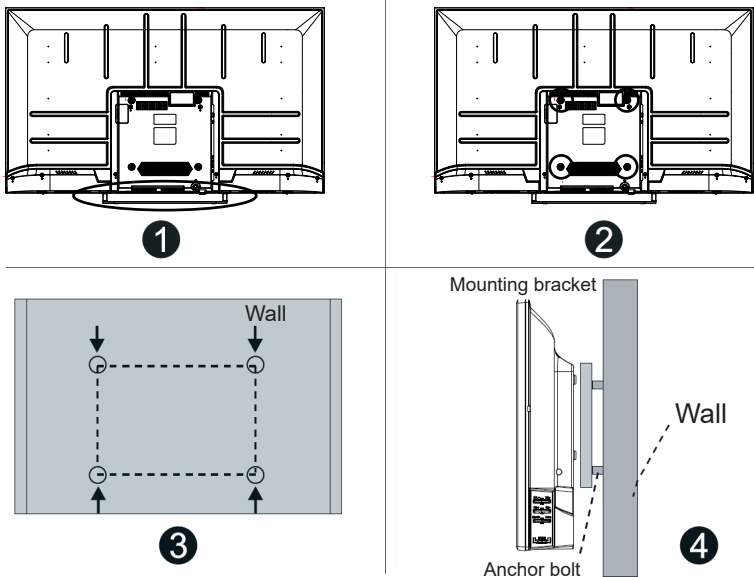
Clearance for Wall Mounting



Note: Recommended distance between the wall and the device housing: 7 cm.

Wall Mounting (Optional)

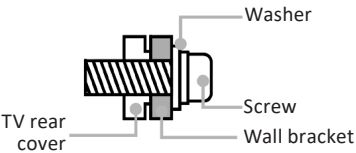
The TV can be mounted on a wall using a dedicated wall bracket (not included). The stand must be removed before wall mounting.



1. Place the TV screen-down on a soft surface to prevent damage.
2. Using a screwdriver, remove the screws and detach the standard stand from the bottom of the TV (1).
3. Mark the screw hole spacing in pencil according to the bracket's dimensions (2, 3).
4. Drill the holes in the wall and insert 4 anchor bolts for mounting (4).
5. Tighten the screws on the back of the TV to secure the bracket, then hang the assembly on the wall.

Wall Mount Specification

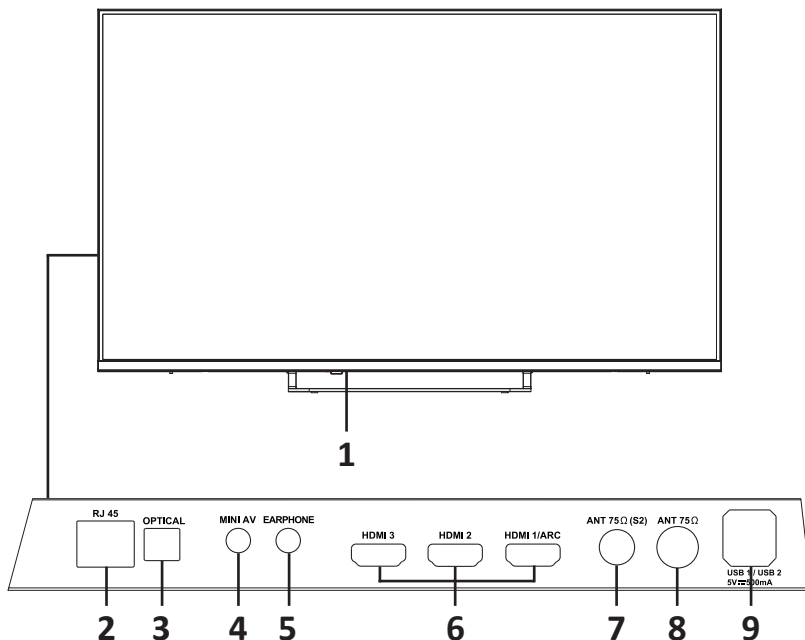
Wall mount hole pattern (mm)	200 × 200
Wall mount bolt size	M6 × 8



Notes

- The diagram above is provided for reference only.
- Use a bracket that conforms to the VESA standard for mounting.

Device Diagram



1. Power button.
2. RJ45 port for connecting to a local network. Use a LAN cable with an RJ45 connector (not included).
3. Optical cable port.
4. Composite mini connector for external devices.
5. Headphone jack.
6. HDMI input, high-definition signal interface.
7. The HDMI1/ARC port supports the ARC function.
8. Satellite antenna connector.
9. Terrestrial/cable antenna connector.
10. USB ports.

Notes

- Check the position and type of each connector before making any connection. A loose connection may cause picture or color issues. Make sure all connections are secure and properly seated. Not all audio and video equipment can be connected to the TV. For more information, please refer to the connected device's user manual for compatibility and connection details.
- Before connecting external equipment, unplug the power cord from the outlet to avoid electric shock.

Note: The actual appearance of the side panel may differ from that shown in this manual.

Connecting Devices

Connecting the Antenna Cable

You can connect an external antenna using the corresponding connector.

1. Use the ANT 75Ω (S2) connector to connect a satellite antenna. Use the ANT 75Ω connector to connect a terrestrial, cable, or analog TV antenna.
2. After connecting the antenna, press the «  » button on the remote control and select the corresponding signal source: Antenna, Cable TV, Satellite TV, or Analog TV.

HDMI

Connect an HDMI cable to the HDMI1/ARC (Audio Return Channel) port on the TV and on the audio system (receiver, soundbar).

Used for transmitting high-quality audio and video, as well as controlling the audio device from the TV.

HDMI connectors vary in resolution, refresh rate, and supported features:

- eARC — outputs audio to the connected device via HDMI.
- CEC — allows the TV and connected device to be controlled with a single remote.

Optical Audio Cable (TOSLINK)

Connect the optical cable to the TV and the audio system (home theater, soundbar).

Transmits digital audio (Dolby Digital, DTS), but does not support newer formats such as Dolby Atmos.

3.5 mm Audio Jack (Mini-Jack)

Connect a cable from speakers, headphones, or a portable sound system to the TV.

Provides a simple way to connect headphones or small speakers without digital interfaces.

USB

Used for playing media files or connecting peripherals (flash drives, external hard drives, or USB adapters such as Wi-Fi or Bluetooth receivers).

LAN (Ethernet) or Wi-Fi

Connect the TV to your router via cable or Wi-Fi to enable Smart TV functionality.

Provides internet access, streaming services (Netflix, YouTube), and software updates.

Mini AV

A composite mini connector for connecting DVD players, game consoles, or camcorders.

Bluetooth

You can connect various devices to the TV, such as headphones, speakers, a mouse, a keyboard, a gamepad, etc.

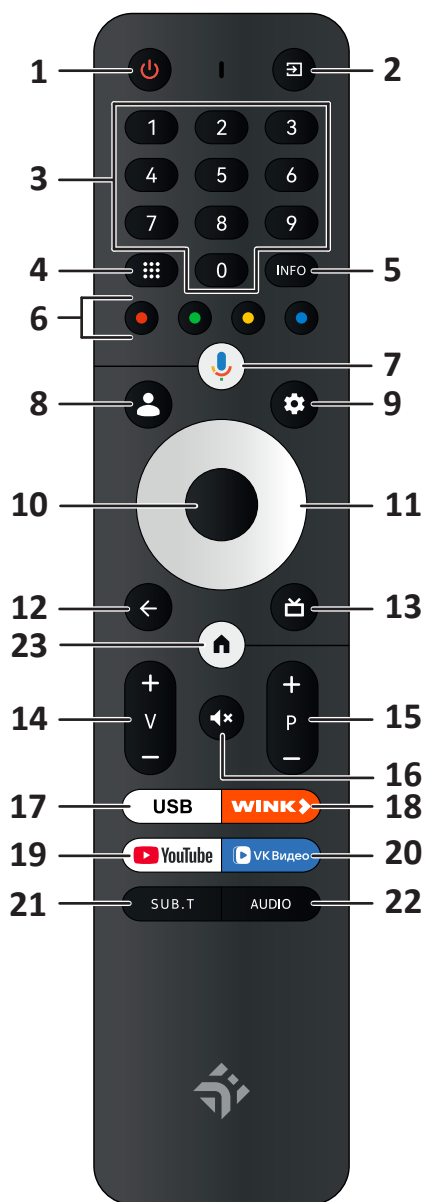
- If the device you are connecting has a USB transmitter (such as a keyboard or mouse), first plug the transmitter into the TV's USB port, then proceed with pairing the devices.
- If the device does not have a USB transmitter, put it into pairing mode (refer to the device's user manual for instructions on how to do this) and go to **Settings → Remotes & Accessories → Add Device**.

DLNA

You can securely share media content between different devices on your home network. The DLNA standard allows the TV to play video, audio, and photo content stored on other devices on the network.

- First, set up the local network on the device you want to stream content from (refer to that device's user manual for instructions on how to do this).
- To view this content on the TV, you will need to use a third-party media player that supports streaming.

Remote Control

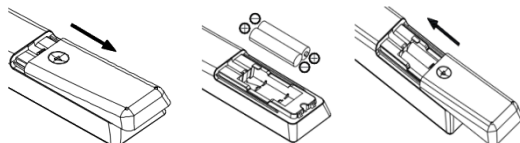


1	Power on/off
2	Source selection
3	Number keypad
4	List of installed apps
5	Channel information display
6	Colored buttons — used according to on-screen prompts
7	Voice assistant
8	Google Account
9	Settings
10	«OK» button
11	Navigation buttons: «Up», «Down», «Left», «Right»
12	Back to previous menu
13	Open the «Live TV» app
14	Increase/decrease volume
15	Channel switching
16	Mute/unmute
17	Switch to USB playback
18	Open the «Wink» app
19	Open the «YouTube» app
20	Open the «VK Video» app
21	Turn subtitles on/off
22	Switch audio tracks
23	Home screen

Note: The actual appearance of the remote and button layout may differ from that shown in this manual.

Installing Batteries in the Remote Control

1. Turn the remote control over and, while pressing lightly, slide the battery cover in the direction shown by the arrow in the image below.
2. Insert the batteries into the remote control. Make sure the polarity matches the diagram inside the battery compartment.
3. Close the battery cover by sliding it in the opposite direction.



CAUTION!

If you do not plan to use the device for an extended period, remove the batteries from the remote control. Otherwise, the remote may be damaged by leaking batteries.

Turning On the TV

1. Connect the power cord to the TV first, then to the power source.
2. The TV must only be connected to an AC power source. Never connect it to a DC power source. If the power cord is damaged, under no circumstances connect it to the power outlet, as this poses a risk of electric shock.
3. Connect an external antenna to the corresponding ANT connector on the side panel of the TV. The antenna connector (75 Ω — VHF/UHF/cable) can be used to connect an external antenna or other equipment.
 - If you want to receive a signal from a cable line or cable box, connect the coaxial cable to the ANT 75 Ω connector.
 - If you want to receive a signal from a satellite receiver, connect the coaxial cable to the ANT 75 Ω (S2) connector.
4. When the TV is connected to a power source, it will either turn on immediately or automatically enter standby mode.
5. If the power indicator is lit, the TV is in standby mode. Press the «  » button on the remote control or on the TV itself to turn it on.

Initial Setup

The first time you turn on the TV, a **Welcome wizard** will appear to guide you through the initial setup process. Follow the on-screen instructions to complete the setup, such as selecting a language, pairing your remote, connecting to a network, etc. At each step, either make a selection or skip it. If you skip a step, you can complete that setting later from the settings menu.

Notes

- It is recommended to select **Set up Google TV** and complete its setup to access additional features during initial setup. If you have completed the basic TV setup, you can enter Google TV setup again by pressing the «  » button on the remote control, then selecting **Settings** → **Set up Google TV** and pressing «OK» to confirm.
- When pairing the remote control, keep it within 1 meter of the TV and follow the on-screen pairing instructions. Once remote pairing is complete, you can use the «**Voice Assistant**» button. If you skip remote pairing, you will be prompted to pair the remote with the TV again the first time you press the «**Voice Assistant**» button.

Connecting the Remote Control

The first time it starts up, the TV will immediately prompt you to connect the remote.

1. Press and hold the «  » and «  » buttons on the remote simultaneously.
2. The indicator on the remote control will start flashing, indicating that the remote is in pairing mode.
3. Once the indicator turns off, the remote is ready to use.

Using the TV

Inputs

Press the «  » button on the remote control to display the list of signal sources. Use the navigation buttons to select an option, then press «OK» to enter the submenu. You can also press the «  » button on the remote control to display the main **Inputs menu**, then press «OK» to enter it. Use the navigation buttons to select the input source and press «OK» to confirm.

Volume Control

Adjusting volume: Press the «- V +» buttons on the remote control to increase or decrease the volume.

Muting: Press the «  » button to temporarily mute the sound. Press the same button again, or move the rocker to the «+» position to unmute.

Automatic Channel Scan:

1. In TV mode, press the «  » button on the remote control, select **Settings** → **Channels & Inputs** → **Channel** → **Channel Scan**, and press «OK/Right» to enter. The TV will automatically scan for available channels based on your country or region.
2. Select **Automatic Search** and press «OK».
3. Select **Tuner Mode**, then use the «Left»/«Right» buttons to select the TV signal source (cable, antenna, or satellite).

Note: Satellite broadcasting connection is not available on all models.

4. Use the «**Up**»/«**Down**» buttons to select other options, and the «**Left**»/«**Right**» buttons to adjust them.
5. Once configuration is complete, press «**Down**», select **Search**, and press «**OK**» to start the channel scan.
6. Scanning for channels may take a few minutes. After the automatic search, channels will be arranged in the default order. If you want to hide, edit, or delete channels, press the «» button on the remote control, select **Settings** → **Channels & Inputs** → **Channel** → **Channel Editor**, and press «**OK**» to enter.

Note: If only analog channels are found during the scan, this may be due to a weak TV signal.

Accessibility

Google TV actively develops accessibility features for people with disabilities, such as a screen reader, text enlargement, and subtitle support with style customization.

Using Subtitles

You can enable subtitles for each TV channel. Subtitles are broadcast either as Teletext or in DVB-T/DVB-T2/DVB-C/DVB-S/DVB-S2 digital broadcast format. With digital broadcasting, you also have the option to select your preferred subtitle language.

Note: Some options are only available when subtitles are enabled.

Turning Subtitles On/Off

1. Press the «» button on the remote control, select **TV Settings** → **Advanced Settings** → **Subtitles** → **Digital Subtitles** → **On**.
2. Press «» to return to the previous menu.

Enabling Subtitle Language Selection on Digital TV Channels

1. Press the «» button on the remote control, select **TV Settings** → **Advanced Settings** → **Subtitles** → **Digital Subtitle Language**.
2. Press «**Up**»/«**Down**» to select the subtitle language, and press «**OK**» to confirm.
3. Press «**Up**»/«**Down**» to select the second subtitle language, and press «**OK**».
4. Press «» to return to the previous menu.

Selecting Subtitle Type on Digital TV Channels

1. Press the «» button on the remote control, select **TV Settings** → **Advanced Settings** → **Subtitles** → **Subtitle Type**, and press «**OK**».
2. Press «**Up**»/«**Down**» to select the subtitle type, and press «**OK**» to confirm. You can select the **Hard of Hearing** option to display subtitles in the selected language for viewers with hearing impairments.
3. Press «» to return to the previous menu.

Using Teletext

Selecting the Decoding Page Display Language

1. Press the «  » button on the remote control, select **TV Settings → Advanced Settings → Teletext → Decoding Page Language**, and press «OK».
2. Press «Up/Down» to select the correct language for displaying Teletext, and press «OK» to confirm.
3. Press the «  » button to return to the previous menu.

Digital Teletext Language

Depending on the broadcaster, digital TV channels may offer several Teletext pages in different languages. This function lets you select a language from the list as the primary language, which is then linked to different Teletext start pages.

1. Press the «  » button on the remote control, select **TV Settings → Advanced Settings → Teletext → Digital Teletext Language**, and press «OK».
2. Press «Up/Down» to select the language, and press «OK» to confirm.
3. Press the «  » button to return to the previous menu.

Screen Reader

Enables voice narration of the interface. Activate it under **Settings → Accessibility → TalkBack** (screen reader).

Text Enlargement

Increase the font size under **Settings → Accessibility → Font Size**.

Audio Description

Enable audio description for movies and shows (if supported by the content) under **Settings → Accessibility → Audio Description**.

External Device Control (CEC)

Use this feature to detect and control devices that support the CEC protocol.

Enabling or disabling CEC:

1. Press the «  » button on the remote control, select **Settings → Channels & Inputs → Inputs → External Device Control**, and press «OK/Right».
2. Select the HDMI Control option and press «OK» to toggle it on or off.
3. Press «  » to return to the previous menu.

Syncing TV Power-On with Other Devices

This setting allows the TV to turn on automatically when a connected CEC device (such as a DVD player or game console) is turned on. Press «OK» to enable this feature.

Device Standby Sync

Allows all CEC devices to automatically enter standby mode when the TV is turned off using the remote control. Press «OK» to enable this feature.

Note: CEC functions depend on the connected devices, some devices may not work correctly when connected to this TV. For more information, refer to the connected device's user manual.

Electronic Program Guide (EPG)

EPG is an on-screen guide that displays scheduled digital TV programs. You can navigate, select, and preview programs.

1. Press the «  » button on the remote control, then press «OK» to confirm.
2. In the menu that appears, you can view information about the current or next program.
3. Navigate between different programs using the «Up»/«Down»/«Left»/«Right» buttons on the remote control.
4. To view the EPG, use the corresponding buttons, which are indicated on the left side of the screen.

Filter

1. Navigate using the «Up»/«Down» buttons on the remote control.
2. Press «OK» to confirm your selection.

Schedule

1. Press «OK», then select **Reminder** or **Scheduled Recording** to set the channel, date, and reminder time. Follow the on-screen prompts to complete the settings.
2. Press «  » to return to the previous menu.

Personal Video Recorder (PVR)

Lets you record your favorite TV programs. Before using this feature, first connect a USB drive to the TV.

Note: This feature may be unavailable due to local copyright regulations or service provider restrictions.

1. Press the «  » button on the remote control, select TV Settings, then press «Down».
2. Select **Start Recording** and press «OK» to confirm. Recording will start automatically.
3. Press the corresponding button to access the settings, and use the navigation buttons to set the recording duration.
4. Press «OK» to stop recording manually — the recorded file will be saved. In normal mode, recording stops automatically once the set duration elapses.
5. A mini PVR panel will also be displayed on screen during recording.
6. To watch a recorded program, first exit PVR mode. Then press the «  » button on the remote control and select **TV Settings** → **Recording** → **Recording List**, and press «OK». Select the desired recorded file and press «OK» to play it.

Notes

- This feature is only available for unencrypted channels.
- Back up your data before connecting a USB drive to the TV.
- The more free space available on the USB drive, the longer the recording can be.
- If you want to change the channel or signal source during recording, stop and save the current recording first.
- In some cases, an error may occur during playback of a recorded file. Try playing it on a different device.
- Do not disconnect the USB drive while it is in use by the device.

User Profile Support

Google TV allows you to create multiple user profiles for personalized content. Each profile is linked to a Google Account and stores individual preferences, watchlists, and viewing history.

Creating a Profile

1. Press the «**Voice Assistant**» button on the remote control, or select the profile icon in the top-right corner of the home screen.
2. Select **Add Profile** and sign in to a Google Account.
3. Set up profile details, such as the name and avatar.

Creating a Child Profile

1. In the **Add Profile** menu, select **Create Child Profile**.
2. Set age restrictions and select allowed apps (such as YouTube Kids).
3. Set up a PIN for parental controls via **Settings → Accounts & Sign-in → Parental Controls**.

Switching Profiles

On the home screen, select the profile icon and choose the desired profile.

Notes

- An internet connection is recommended for optimal performance.
- Some apps may not support multi-user mode.

Controlling Smart Home Devices via Google TV

A TV running Google TV can serve as a hub for controlling smart home devices that support Google Home.

Setting Up Google Home

1. Make sure the TV is connected to Wi-Fi and linked to your Google Account.
2. Open the Google Home app on your smartphone, or use voice assistant on the TV.
3. Add smart home devices (lights, outlets, cameras, etc.) via **Settings → Devices & Services → Add Device**.

Controlling Devices

- Use voice commands via voice assistant, such as: «Turn on the living room lights» or «Show the camera on screen».
- Control devices through the Google TV interface, in the **Devices** section.

Game Mode

1. Connect the console to an HDMI port that supports HDMI 2.1 (see port specifications in the «Specifications» section).
2. Enable Game Mode: **Settings → Picture → Game Mode → Low Latency**.
3. Configure crosshair and contrast settings in the game menu (hold the menu button on the remote for 2 seconds to enter settings).

Note: VRR and 4K@120Hz require an Ultra High Speed HDMI cable and a compatible game console.

Cloud Gaming Services

- Install apps such as GeForce Now or Xbox Cloud Gaming from the Google Play Store.
- Connect a compatible gamepad via Bluetooth for game streaming.

Auto Low Latency Mode (ALLM):

- Automatically enables low-latency Game Mode when a console is connected.
- Activated under **Settings → Picture → Game Mode → ALLM**.

Additional Game Mode Settings

- **Low Latency** — low-latency game mode.
- **Crosshair** — turns the crosshair overlay on or off.
- **Crosshair Type** — selects the crosshair style.
- **FPS** — frame rate.
- **Contrast Type** — preset picture contrast modes.
- **Backlight** — screen brightness.
- **Low Blue Light** — electronic device screens emit blue light, which can cause eye strain and, over time, contribute to vision problems.
- **Display Mode** — selects the image aspect ratio.
- **Clarity** — image sharpness.

Settings

Network & Internet

1. Use the navigation buttons to move between options.
2. Press «OK» to confirm your network selection.

About

This menu displays information about the device.

Date & Time

In this menu, you can set the time manually or automatically, select the time zone, and choose the time format.

Power and Energy

- **Power Modes** — configures the device's power consumption in standby mode. Includes the following options:
 - Low Power — disables the internet connection when the TV is not in use. Important updates and features remain available.
 - Optimized Power — when the TV is not in use, it enters standby mode. It remains connected to the internet and can be woken remotely via voice assistant or Google Cast.
 - High Power — the device stays online at all times, with network features available even when the TV is not in use. In addition to the other functions, this mode enables automation setup and integration with the Google Home app.
- **Sleep Timer** — configures automatic shutdown of the device.
 - On Inactivity — automatically turns off the TV if it is not used for a certain period.
 - While Watching — automatically turns off the TV during use.
 - Countdown from Now — turns off the TV after a specified period of time. This function resets after each use.
- **Startup State** — configures the TV's startup screen. Two options are available: Google home screen or last used input.
- **Scheduled On/Off** — turns the device on and off at a set time.
 - Power-On Timer Type — activates the power-on timer (on/off, one-time use).
 - Power-On Timer — sets a time for the device to turn on.
 - Power-Off Timer Type — activates the power-off timer (function on/off, one-time use).
 - Sleep Timer (Off) — sets a time for the device to turn off.
 - Off Timer — turns off the TV a specified period of time after it is turned on. This function triggers once and must be re-enabled by the user after each activation.
- **Additional Settings**
 - Turn the standby power indicator on or off.

Picture

- **Picture Mode** — use the navigation buttons to select an option, then press «OK» to enter the submenu.
- **Backlight / Brightness / Contrast / Saturation / Tint / Sharpness** — use the navigation buttons to select and adjust the parameter.
- **Advanced Settings** — use the navigation buttons to select an option, then press «OK» to enter the submenu.
- **Reset to Default Settings** — press to reset settings to factory defaults.
- **Noise Reduction** — removes ripple-type interference to clean up the picture.
- **SDR to HDR** — simulates an HDR picture. The device analyzes the contrast and brightness of the SDR signal and expands the range to approximate HDR quality.
- **Adaptive Brightness Control** — analyzes contrast based on the content histogram to produce deeper blacks and brighter whites.
- **Local Contrast Control** — divides each frame into small zones and automatically adjusts contrast for each zone.
- **Cool Blue Stretch** — shifts the white balance at mid-to-high gray levels toward a cooler color temperature.

- **MJC (Motion-Judder Correction)** — optimizes video to improve picture quality and clarity. Set to «Low», «Medium», or «High» to enable MJC.
- **DI Film Mode** — a function for 3:2 or 2:2 cadence video content at 24 frames per second that eliminates artifacts such as interlacing or judder. Set DI Film Mode to «Auto», or turn it off by selecting «Off». This item is unavailable when Game Mode or PC Mode is enabled.
- **HDMI RGB Range** — configures the color range for HDMI. Limited (16–235) or Full (0–255). Set your preferred HDMI RGB range. This item is unavailable unless HDMI is selected as the input source.
- **Low Blue Light** — electronic device screens emit blue light, which can cause eye strain and, over time, contribute to vision problems.
- **No Signal Picture** — turns the picture display off.
- **Color Tuning** — saturation, hue, and brightness can be adjusted for red, green, blue, cyan, magenta, yellow, and skin tone, for a more vivid or natural picture.
- **White Balance Correction** — the white balance function calibrates the TV's color temperature across grayscale levels. Grayscale uniformity can be improved visually or through measurement.
- **Reset** — resets all picture settings to factory defaults.
- **Offset** — offsets the RGB color channels.
- **Ai Super Resolution (AiSR)** — processes the picture in real time and optimizes it, delivering sharpness close to 4K Ultra HD resolution.
- **De-contour** — reduces contouring artifacts in low-resolution content and streaming services (smooths banding lines).

Sound

- **Sound Style** — preset sound modes for different use cases.
- **Balance / Bass / Treble** — use the navigation buttons to select and adjust the parameter.
- **Surround Sound** — adds a surround sound effect. Press «OK» to turn the function on or off.
- **Equalizer Settings** — adjusts individual frequency bands.
- **Speakers** — use the navigation buttons to select an option, then press «OK» to activate the function.
- **Audio Delay** — delays audio output through the speakers.
- **Auto Volume Control** — automatically adjusts the volume level. Press «OK» to turn the function on or off.
- **Downmix** — use the navigation buttons to select an option, then press «OK» to enter the submenu.
- **Dialogue Enhancement** — use the navigation buttons to select an option, then press «OK» to enter the submenu.
- **eARC** — transmits audio via HDMI from the TV to an audio device.
- **Digital Output** — selects the audio output device.
- **SPDIF Delay** — delays audio output through the optical/coaxial connector.
- **Downmix Mode** — selects the number of audio output channels.
- **Dolby Audio Processing** — processes audio using Dolby technologies.
- **Reset to Default Settings** — press to reset settings to factory defaults.

Storage

- **Internal Shared Storage** — use the navigation buttons to select an option, then press «OK» to enter the submenu.
- **Removable Media** — use the navigation buttons to select an option, then press «OK» to enter the submenu.

Demo Mode

Demo Mode — use the navigation buttons to select an option, then press «OK» to activate.

Voice Assistant (Google Assistant)

In this menu, you can configure voice control, view permissions, enable/disable personal results, set an app filter, and enable SafeSearch. Use the navigation buttons to select an option, then press «OK» to activate.

Location

- **Location Services** — use the navigation buttons to select an option, then press «OK» to activate.
- **Always Scan for Networks** — use the navigation buttons to select an option, then press «OK» to activate.

Bluetooth

- Press the «» and «» buttons on the remote control simultaneously.
- When the indicator lights up, release the buttons.
- Press «OK» to start pairing.
- Press «» to exit.

Data Security

- Manage app permissions under **Settings → Apps → App Permissions**.
- Use a strong password for your Google Account and enable two-factor authentication.
- To protect children, set up parental controls under **Settings → Accounts & Sign-in → Parental Controls**.

Firmware Update

- The TV automatically checks for updates when connected to the internet.
- To check manually: go to **Settings → System → About → System Update** and press **Check for Updates**.
- Make sure the TV is connected to a stable Wi-Fi or Ethernet network.

Troubleshooting Guide

If any issues occur while operating the TV, try turning it off and back on again. You can also use the table below to help resolve issues. If the problem persists, contact a qualified technician.

Issue	Possible Solution
The TV does not turn on	Check that the power cord is correctly plugged into the outlet
	Check that the outlet is receiving power
	Check that the remote control is working
	Unplug the TV's power cord for a few minutes, then plug it back in
No TV signal reception	Check that the TV settings are correct
	Make sure the antenna is connected correctly and the antenna cable is not damaged
	Run a channel scan again
	Make sure the antenna connector is firmly plugged into the TV
No picture	Make sure external signal sources are connected correctly
	Make sure the cable connecting the external device is not damaged
	Make sure the correct signal source is selected
Incorrect color reproduction	Check that the correct color system is selected in the TV settings
	Check that the picture settings are correct
	The signal from the transmitter may be distorted. Try switching to a different channel
The image via HDMI flickers or shows streaks	Check the signal source settings
	The signal source may be too far from the TV
Dead or stuck pixels appear on screen	This TV uses a high-definition LCD panel. Modern panel manufacturing technology may result in a small number of dark or colored dots (pixels) on the screen that do not affect overall picture quality. All panels are tested during manufacturing and meet the applicable standards for this product category
The TV does not output the desired frame rate over HDMI	Make sure you are using the correct HDMI port with the required bandwidth; go to the HDMI settings and select the appropriate HDMI version
	Check the settings on the connected device
No sound	Make sure the sound is not muted via the «  » button
	Make sure the volume is not set to the minimum; move the volume rocker down
	Make sure the correct audio output device is selected
	Check that the sound settings are correct

Issue	Possible Solution
No sound through external outputs	Make sure the audio cable is connected correctly and is not damaged
	Make sure the correct source is selected on your TV
The TV does not respond to the remote control	Replace the remote's batteries with new ones
	Point the remote directly at the remote sensor on the TV's front panel
	Make sure there are no obstacles (furniture, etc.) between the remote and the TV that could block the signal
	Make sure the distance between the remote and the TV does not exceed 5 meters (or 10 meters if the remote is paired via Bluetooth), and that the angle of deviation from a straight line does not exceed 20°
The USB interface does not work	Disconnect the USB device from the TV's USB port. Reconnect it, carefully aligning the connectors
	Make sure the USB device is supported by the TV. Refer to the "Connecting USB Devices" section of this manual for more information
Some files on an external USB device cannot be read	Make sure the TV supports this file type. Refer to the "Specifications" section of this manual for more information
Crackling or humming noise while watching or turning off the TV	This is normal and is caused by thermal expansion or contraction of plastic components due to temperature and humidity changes. The TV may produce a faint hum, buzz, or noise due to the operation of its internal electrical circuits. This is not a defect
Delayed response to commands	The TV's processor needs a short amount of time to process each command accurately. Allow a sufficient pause between commands for stable TV operation. This does not affect the TV's performance and is not a defect
Online video playback is choppy or buffers	Stop playback, wait 2–3 minutes, then resume watching. Your internet plan may not be suitable — the manufacturer recommends a plan with a speed of at least 10 Mbps
	Additional wireless devices connected to your home router may reduce performance
	Check your router's settings, and replace it if it is malfunctioning
One of the installed third-party apps does not work (or has no sound, or shows other issues)	This is likely an issue with the app itself. Try launching it again later, or contact the app developer's support team. The manufacturer is not responsible for the performance of third-party apps

Issue	Possible Solution
The wireless mouse does not work (cannot be controlled)	Install a new battery, or replace the existing one, in the wireless mouse. Make sure there are no obstacles between the wireless mouse and its receiver (included, connected to the TV's USB port) and that there is a clear line of sight. Replace the wireless mouse if necessary
Control is unstable or erratic	Unplug the TV, wait a minute, then plug it back in
	Reset the TV to factory settings (see the end of this section)
	Always exit open apps using the « ⬅ » button
Smart TV online services do not work over a wired (LAN) connection	Make sure the power cord is not damaged and is connected correctly
	Check whether you can access the service from another device
	The service may currently be unavailable for all users
	Check your TV's network settings
	Check that the time and region are set correctly
Smart TV online services do not work over a wireless connection	Check whether you can access the service from another device
	The service may currently be unavailable for all users
	Check your TV's network settings
	The Wi-Fi signal source may be the issue. Check your router
	Check that the time and region are set correctly
The app does not launch or shows an error	Check for app updates in the Google Play Store
	Clear the app's cache under Settings → Apps → [App Name] → Clear Cache . Reinstall the app if the problem persists
A Bluetooth device won't connect	Make sure the device is in pairing mode. Go to Settings → Remotes & Accessories → Add Device and try again
	Check the battery level of the device you are connecting
The TV won't update its firmware	Check your internet connection
	Go to Settings → System → About → System Update and try again
If issues persist, perform a reset: Settings → System → About → Reset → Factory Reset . Back up any important data before resetting	

Screen Information

An LCD TV is a highly advanced product. The TV screen contains several million thin-film transistors, providing a sharp and vivid picture. Occasionally, the TV screen may display a few inactive pixels appearing as fixed blue, green, red, black, or white dots. Please note that this does not affect the TV's performance and is not considered a defect. All LCD panels comply with Class II under ISO 13406-2.

The ISO 13406-2 standard defines four types of defective pixels:

- **Type 1** — permanently lit pixels (white).
- **Type 2** — permanently unlit pixels (black).
- **Type 3** — pixels with other defects, including defects in the sub-pixels or RGB cells that make up a pixel. This refers to permanently lit red, green, or blue pixels.
- **Cluster** (a group of defective pixels) — several defective pixels within a 5 × 5 pixel area.

Maximum allowable number of defective pixels per million pixels					
Class	Type 1	Type 2	Type 3	Number of clusters containing more than 1 Type 1 or Type 2 defect	Number of clusters containing more than 1 Type 3 defect
II	2	2	5	0	2

The ISO 13406-2 standard defines four LCD quality classes based on the number of defective pixels. Most LCD TVs and displays from leading global manufacturers meet the Class II tolerance.

Specifications

Model	43UEG1	43UEG1W
Trademark	DEXP	
Screen size	43" (109 cm)	
Screen resolution	3840 × 2160	
Panel technology	VA	
Backlight technology	Direct LED	
Contrast ratio	5000:1	
Luminance	250 cd/m ²	
Refresh rate	60 Hz	
RAM	2 GB	
Internal storage	64 GB	
Operating system	Google TV	
Speaker power	2 × 10 W	
TV tuner	DVB-C, DVB-S, DVB-S2, DVB-T, DVB-T2	
Power supply	220–240 V ~ 50 Hz	
Power consumption	90 W	
VESA mount standard	200 × 200	
Supported formats	Video: 3GP, ASF, AV1, AVC, AVI, AVS, DivX, F4V, FLV, H.263, H.264 AVC, H.265 HEVC, M2TS, M4V, MKV, MOV, MP4, MPEG, MPEG-1, MPEG-2, MPEG-4, TP, TS, VC-1, VOB, VP8, VP9, WEBM, WMV Audio: ALAC, APE, DD, EAC3, FLAC, MP3, MPEG1, MPEG2, OGG, PCM, Vorbis, WAV, WMA, AC-3 Images: BMP, GIF, JPEG, PNG	
Wi-Fi	IEEE 802.11a/b/g/n/ac; 2400–2483.5 MHz, 5150–5250 MHz, 5250–5350 MHz, 5725–5825 MHz, < 17 dBm	
Bluetooth	V2.1 + EDR, V4.2, V5.1 (IEEE 802.15.1); 2402–2480 MHz, < 4 dBm	
Energy efficiency class	B	
Annual energy consumption	131 kWh/year	
Cord type	X	
Protection class	II	
IP code	IP20	
Dimensions (W × D × H)	With stand: 956.5 × 230 × 587.9 mm. Without stand: 956.5 × 555.8 × 85.2 mm	
Net weight	With stand: 6.3 kg. Without stand: 5.9 kg	
Scope of application	Domestic	
Package contents	Device, power cord, remote control, remote control batteries (2 pcs), stand, stand mounting screws (4 pcs), user manual	

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».
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 with the requirements of TR CU 004/2011 «On the Safety of Low-Voltage Equipment», TR CU 020/2011 «Electromagnetic Compatibility of Technical Products» The TV complies with the requirements of technical specification TU RB 300031652.051-2004. In terms of operational safety, the TV meets the requirements of Protection Class II according to GOST IEC 60065-2013. The quality management system for the design, manufacturing, and servicing of home radio-electronic equipment, household electrical appliances, and information technology equipment complies with the requirements of STB ISO 9001-2015						
This 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-Electronic Products»						
Model	Net weight, kg	Gross weight, kg	Package size, mm	Operating power density, W/cm²	Standby power consumption, W	Off mode power consumption, W
43UEG1	6.3	8.3	1060 × 126 × 625	0.018	0.5	0
43UEG1W						

