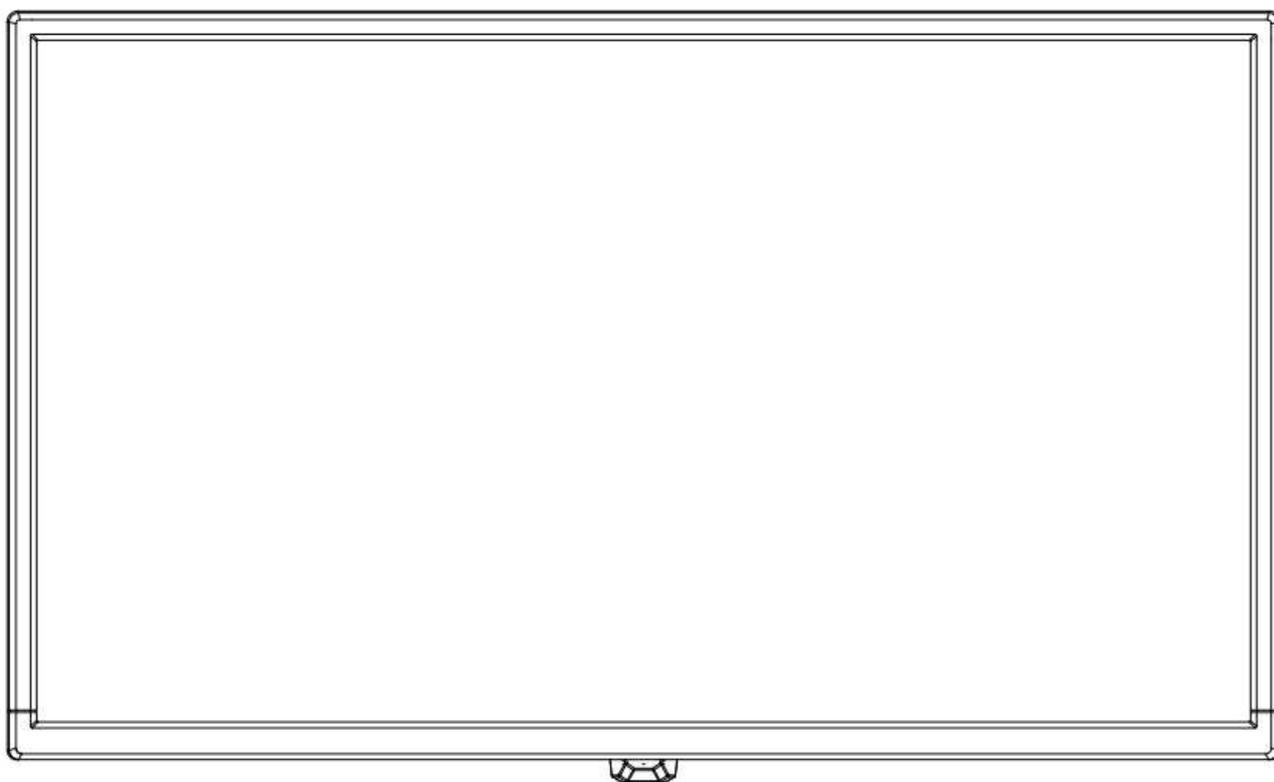


INVATEC

24" Smart LED TV

M24-SMART2



September 2024

User Manual

English

Safety information

IMPORTANT SAFETY INSTRUCTIONS – READ CAREFULLY BEFORE USE

The following safety instructions are located on the back of the TV.



DANGER OF ELECTRIC SHOCK! NEVER REMOVE THE SCREWS OF THE COVER. NO USER-SERVICEABLE PARTS IN THE DEVICE. REPAIR ONLY BY QUALIFIED SERVICE PERSONNEL.



The exclamation mark in the equilateral triangle indicates important operating and maintenance instructions



The flash in the equilateral triangle indicates high voltage in the device, which can lead to electric shock

Please follow the instructions below:

- ❖ Do not use this TV near water.
- ❖ Only clean the device with a damp cloth.
- ❖ Do not block any ventilation openings.
- ❖ Set up the television in accordance with the supplied quick guide and these operating instructions.
- ❖ Lay the power cable so that it cannot be stepped on or pinched. Pay special attention to the plug and the point at which the cable is led out of the television.
- ❖ Do not let the power cord hang over the edge of the table.
- ❖ Disconnect the TV from the mains if there is a thunderstorm or if it is not used for a long period



WARNING! EXPOSE THE TELEVISION TO AVOID FIRE OR ELECTRIC SHOCK OR RAIN OR MOISTURE. THE TELEVISION SHOULD NEVER BE EXPOSED TO SPLASH / DRIP WATER AND NO OBJECTS FILLED WITH LIQUID ON THE TELEVISION

NOTE: Open flames (such as candles) should never be placed on the TV

Smells from the TV

New TVs can cause unusual smells when they are switched on for the first time.

Due to the manufacturing process of the components, the television and other electronic products may have parts that produce odors when they are first turned on and warmed up.

The smell usually disappears after a few days of use and does not return.

This is normal and occurs with many electronic devices. Ensure that there is sufficient ventilation in and around the device so that the smell can disappear.

TV Setting

Press **MENU** button to enter the TV Setting.

Press ▼ / ▲ / ◀ / ▶ button to highlight the desired menu icon and press OK button to select.



1. You can set **Picture Mode**.
2. You can set **Panel Brightness**.
3. You can set **Sound Mode**.
4. You can choose **Sound Out**.
5. You can choose **Sleep Timer**.
6. You can choose **Screen Off**.
7. You can set **Game Optimizer**.
8. You can add/delete the quick setting items or change their order.

Picture Mode

Press ▼ / ▲ / ◀ / ▶ button to select the Picture Mode.

Press <OK> key to enter the sub-menu.

Press ◀ / ▶ button to select:

Vivid / Standard / Basic / Cinema / Sports / Game Optimiser, and press OK button to choose.

Vivid

Sharpens the image by increasing the contrast, brightness and sharpness.

Standard

The default mode, to make users experience high-quality images under normal light.

Basic

Basic picture effect.

Cinema

Is suitable for watching TV or movies in a dark room.

Sports

Suitable picture for sports games.

Sharpens the image of rapid movements such as kicking or throwing a ball.

Game Optimiser

Suitable picture for games. Get better game vision.

Panel brightness

Press ▼ / ▲ / ◀ / ▶ button to select the Panel Brightness.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to adjust the panel brightness.

Sound Mode

Press ▼ / ▲ / ◀ / ▶ button to select the Sound Mode. Press

the <OK> key to enter the sub-menu.

Press ◀ / ▶ button to select Standard/ Cinema/ Clear Voice / Sports/ Music, and press OK button to select.

Standard

Optimises the sound for all types of content.

Cinema

Optimises the sound for cinemas.

Clear Voice

Boosts voice clarity.

Sports

Optimises the sound for sports games.

Music

Enhance the high pitch and reduce the bass.

Sound Out

Press ▼ / ▲ / ◀ / ▶ button to select the Sound Out.

Press the <OK> key to enter the sub-menu.

Press ◀ / ▶ button to select TV Speaker/ Optical Out Device/ Optical Out Device+TV Speaker/ HDMI (ARC) Device/ Bluetooth Device/ Bluetooth Device +TV Speaker/ Wired Headphones/ Wired Headphones + TV Speaker/ Mobile Device, and press OK button to select.

Sleep Timer

Press ▼ / ▲ / ◀ / ▶ button to select the Sleep Timer.

Press the <OK> key to enter the sub-menu.

Press ◀ / ▶ button to select Off/ 10 min(s)/ 20 min(s)/ 30 min(s)/ 1 hour(s)/ 1 hour(s) 30 min(s)/ 2 hour(s)/ 3 hour(s)/ 4 hour(s).

Screen Off

Press ▼ / ▲ / ◀ / ▶ button to select the Screen Off. Press the <OK> key to enter the screen off state.

Game Optimizer

Press ▼ / ▲ / ◀ / ▶ button to select Game Optimizer.

Network

If you configure settings for the network, you can use various services such as online contents and applications.

Press ▼ / ▲ / ◀ / ▶ button to select the Network.

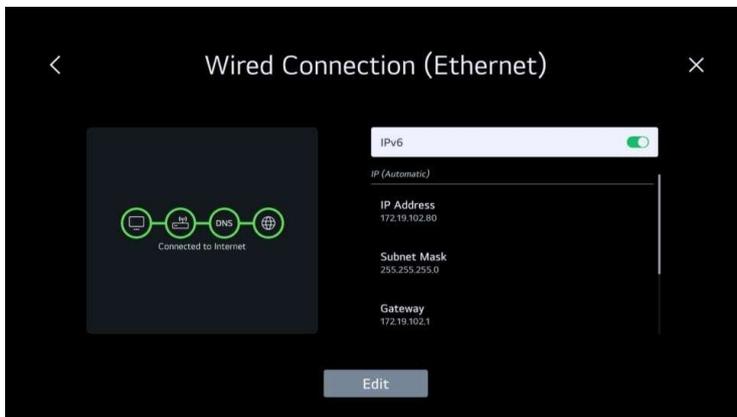
Press the <OK> key to enter the sub-menu.



Wired Connection (Ethernet)



Press ▼ / ▲ button to select Wired Connection (Ethernet). Press **OK** button to enter sub-menu and setup.



WI-FI Connection

Press ▼ / ▲ button to select Wi-Fi Connection. Press **OK** button to enter sub-menu and setup.



All Settings



Press ▼ / ▲ / ◀ / ▶ button to select the All Settings.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Picture/Sound/General/Support.

Picture

Press ▼ / ▲ button to select Picture. Press **OK** button to enter sub-menu and setup.

Options: Select Mode/Aspect Ratio/Advanced Settings



Select Mode

Press ▼ / ▲ button to select the Select Mode.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Vivid/Standard/Basic/Cinema/Sports/Game Optimiser.

Aspect Ratio

You can change the screen size according to the type of content you are watching.

Press ▼ / ▲ button to select Aspect Ratio.

Options: 16:9 / Original / 4:3 / Vertical Zoom / 4-Way Zoom

Advanced Settings

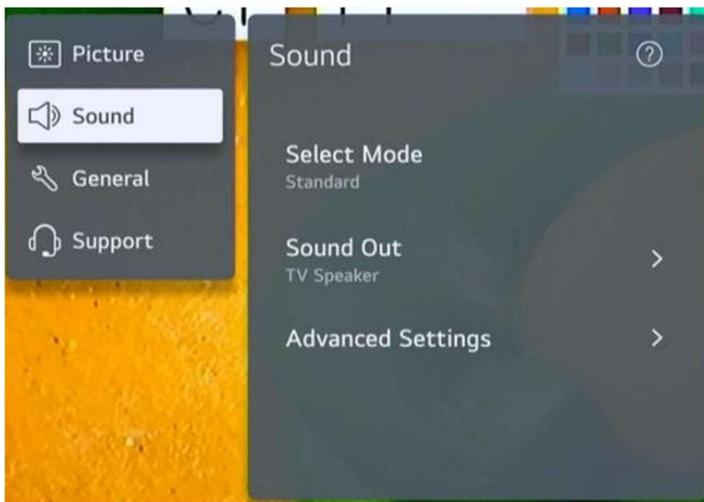
Press ▼ / ▲ button to select the Advanced Settings.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Brightness / Color / Clarity / Apply to all inputs / Reset.

Sound

Press ▼ / ▲ button to select Sound. Press **OK** button to enter sub-menu and setup.



Select Mode

Press ▼ / ▲ button to select the Select Mode.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Standard/ Cinema/ Clear Voice / Sports/ Music.

Sound Out

Press ▼ / ▲ button to select the Sound Out.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Use TV Speaker / Use Wired Speaker / Use Wireless Speaker / Use External Speakers with TV Speaker.

Advanced Settings

Press ▼ / ▲ button to select the Advanced Settings.

Press the <OK> key to enter the sub-menu.

Press ▼ / ▲ button to select Balance/ Equalizer/Apply to All Inputs/ Reset/ Installation Type/Automatic Volume Adjustment/ DTV Audio Setting/ Match Screen and Sound/ Select HDMI Input Audio Format/ Digital Sound Output/ eARC Support.

Balance

Balanced left and right channels.

Press OK button to select Balance.Press ▼ / ▲ button to adjust.

Equalizer

Press ▼ / ▲ button on to select Equalizer.

Press OK button to enter sub-menu then press ▼ / ▲ ◀ / ▶ button to adjust.

Apply to All Inputs

Press ▼ / ▲ button on to select Apply to All Inputs.

Reset

You can reset the sound effect settings.

Press ▼ / ▲ button to select Reset.

Installation Type

Press ▼ / ▲ button on to select Installation Type.

Press ▼ / ▲ button to select Stand/ Wall-mounted.

Automatic Volume Adjustment

Press ▼ / ▲ button on to select Auto Volume.

Press **OK** button to select On/Off.

DTV Audio Setting

Press ▼ / ▲ button on to select DTV Audio Setting.

Press ▼ / ▲ button to select MPEG/ Dolby Digital/ Dolby Digital Plus/ HE-AAC/ Auto.

Match Screen and Sound

Press ▼ / ▲ button on to select Match Screen and Sound.

(Options: TV Speaker Delay/ Bypass)

Select HDMI Input Audio Format

Press ▼ / ▲ button on to select HDMI Input Audio Format.

You can set the audio format for each HDMI input. When the voice delivered through the HDMI port is not synchronized, set it to **PCM**.

Digital Sound Output

Press ▼ / ▲ button on to select Digital Sound Out.

(Options: PCM/Auto/Pass Through)

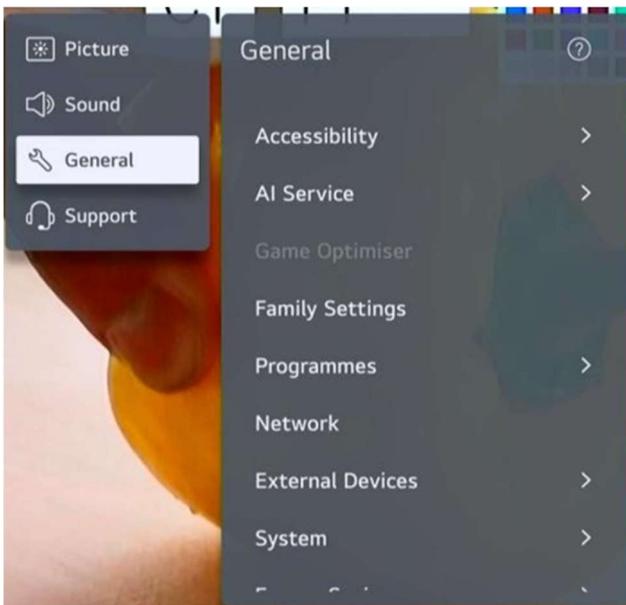
eARC Support

Press ▼ / ▲ button on to select eARC Support.
HDMI® Enhanced Audio Return Channel (eARC)

General

Press ▼ / ▲ button to select General. Press **OK** button to enter sub-menu and setup.

(options: Accessibility / AI Service / Game Optimiser / Family Settings / Programmes / Network/ External Devices / System / Energy Saving)



Accessibility

Press ▼ / ▲ button to select Accessibility. Press OK button to enter sub-menu.

(options: Audio Guidance/ Audio Description/ Learn Remote Control/ Enjoy TV Sound Together/ Hard of Hearing/ Subtitles/ High Contrast/ Greyscale/ Invert Colors)

Audio Guidance

Press ▼ / ▲ button to select Audio Guidance. Press OK button to enter sub-menu. All the

Options are available only when the Audio Guidance select On.

Audio Description

Press ▼ / ▲ button to select Audio Description. Press OK button to select On/Off.

Learn Remote Control

Press ▼ / ▲ button to select Learn Remote Control.

Enjoy TV Sound Together

Press ▼ / ▲ button to select Off/Bluetooth Device/ HDMI(ARC)Device.

Hard of Hearing

Press ▼ / ▲ button to select Hard of Hearing. Press OK button to select On/Off.

Subtitles

Press ▼ / ▲ button to select Subtitles. Press ▼ / ▲ button to select Subtitle First Choice Language and Subtitle Second Choice Language and press OK button to setup the language.

High Contrast

Press ▼ / ▲ button to select High Contrast. Press OK button to select On/Off.

Greyscale

Press ▼ / ▲ button to select Greyscale. Press OK button to select On/Off.

Invert Colours

Press ▼ / ▲ button to select Invert Colours. Press OK button to select On/Off.

AI Service

You can enable the recommended services based on the usage history.

Press ▼ / ▲ button to select AI Service. Press OK button to enter sub-menu.

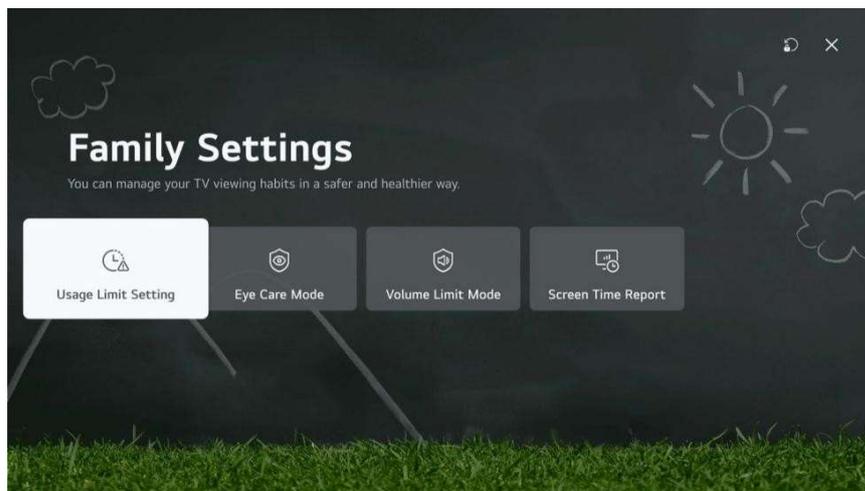
Game Optimizer

Press ▼ / ▲ button on to select Game Optimizer.

Family Settings

Press ▼ / ▲ button on to select Family Settings.

Press ◀ / ▶ button to select Usage Limit Setting/ Eye Care Mode/ Volume Limit Mode/Screen Time Report. Press OK button to enter sub-menu. Press OK button to enable the function.



Programmes

Press ▼ / ▲ button on to select Programmes. Press OK button to enter sub-menu.

(Options: Programme Tuning & Settings / Programme Manager / CI Information / Copy Programmes / HbbTV)

Network

Press ▼ / ▲ button on to select Network.

External Devices

Press ▼ / ▲ button on to select External Devices. Press OK button to enter sub-menu.

(Options: Connect Bluetooth Controller / HDMI Settings / Universal Control Settings / TV On With Mobile / Delete Connection History)



System

Press ▼ / ▲ button on to select System.

Press **OK** button to enter sub-menu and setup.

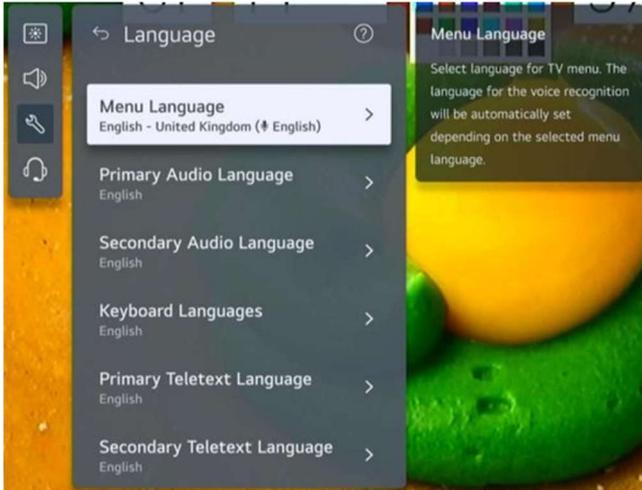
(Options: Language / Location / Time & Timer / Safety / Additional Settings / Reset to Initial Settings)

Language

You can choose the menu language displayed on the screen and the audio language of the digital broadcast.

Press ▼ / ▲ button to select Language. Press OK button to enter sub-menu.

(Options: Menu Language / Primary Audio Language / Secondary Audio Language / Keyboard Languages / Primary Teletext Language / Secondary Teletext Language)



Press ▼ / ▲ button to select the menu and setup the language.

Location

You can change the location setting of your Smart TV.

Press ▼ / ▲ button to select Location. Press OK button to enter sub-menu.

Broadcast Country

Press ▼ / ▲ button to select Broadcast Country. Press OK button to enter sub-menu. You can set the broadcast country on your TV.

Postcode

Press ▼ / ▲ button to select Postcode. Press OK button to enter sub-menu. This function is used to set the broadcast location of the TV by entering your postcode.

LG Services Country

Press ▼ / ▲ button to select LG Services Country. Press OK button to enter sub-menu. If you don't set the Set Automatically, you can select the country manually.

Weather Location Setting

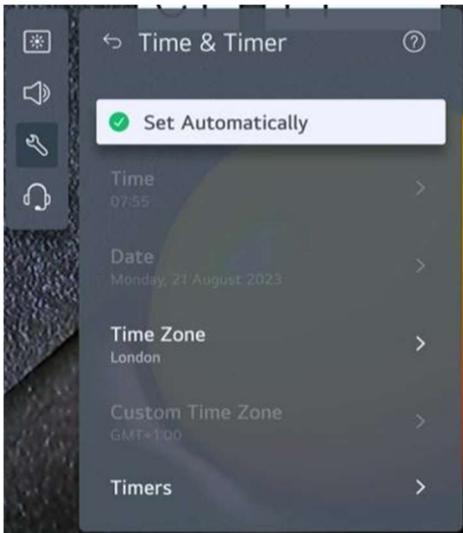
Press ▼ / ▲ button to select Weather Location Setting. Press OK button to enter sub-menu. You can set the Weather Location Setting.

Time & Timer

You can check the time or configure related settings. Press ▼ / ▲ button to select Time. Press **OK** button to enter sub-menu.

Set Automatically

The TV time is automatically set to the time of digital broadcasting information sent from the broadcasting station or the time sent from the server.



Press ▼ / ▲ button to select Set Automatically. Press **OK** button to select On/Off.

Time / Date / Time Zone

You can manually set the time and date if the automatically set current time is incorrect.

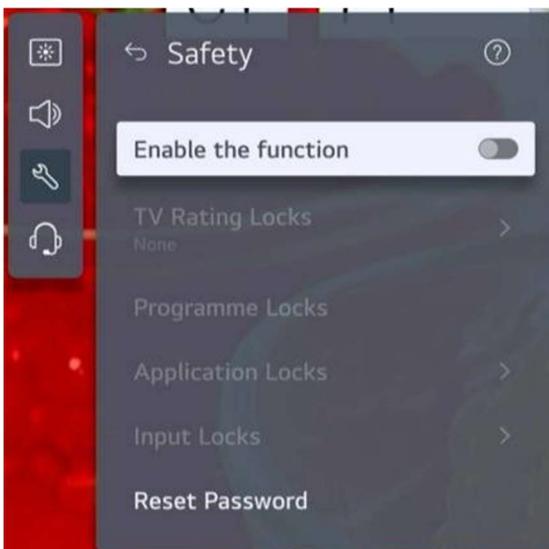
Press ▼ / ▲ button to select Set Time / Date / Time Zone. Press **OK** button to select.

Timers

Press ▼ / ▲ button to select Timers. Press **OK** button to enter sub-menu.

Safety

Press ▼ / ▲ button to select Safety. Press **OK** button to enter sub-menu.



All the Options are available only when the Safety select On.

The initial password is set as "0000".

Press ▼ / ▲ button to select the option then press **OK** button to setup.

Additional Settings

Press ▼ / ▲ button to select Additional Settings. Press OK button to enter sub-menu.

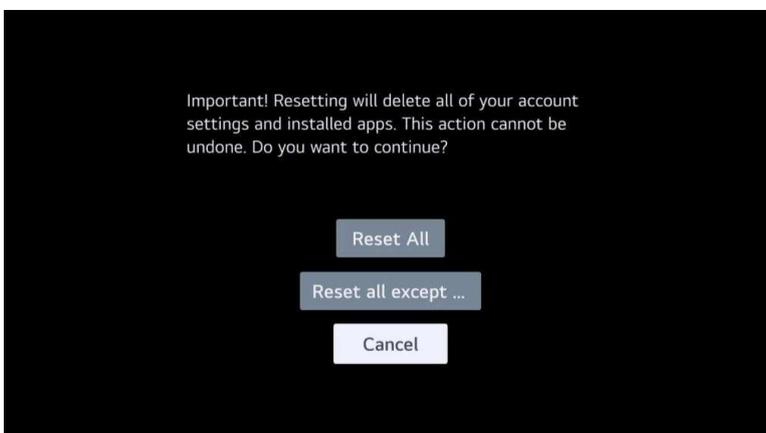


Reset to Initial Settings

Press ▼ / ▲ button to select Reset to Initial Settings. Press OK button to enter sub-menu. Return TV to its initial settings. This will revert all settings to their default values.

After reset, the TV will automatically turn off and on.

Note: If Safety is set to On, you should type the password to Reset to Initial Settings.



Energy Saving

Reduces power consumption by adjusting screen brightness.

Press ▼ / ▲ button to select Energy Saving Step/ Auto Power Off/ Screen Off.



Energy Saving Step

Press ▼ / ▲ button to Energy Saving Step.

Press OK button to enter sub-menu.

(Optional: Off/ Minimum/ Medium/ Maximum)

Support

Highlight the item and press OK button to enter the sub-menu.

Press ▼ / ▲ button to select Support.



Software Update

Uses software update to check and obtain the latest version.

Press ▼ / ▲ button to select Software Update. Press **OK** button to enter sub-menu.

Then press ▼ / ▲ button to select and setup.

User Guide

Press ▼ / ▲ button to select User Guide. Press **OK** button to enter sub-menu.

Then press ▼ / ▲ button to select and setup.

Home/Store Mode

Press ▼ / ▲ button to select Home/Store Mode. Press **OK** button to enter sub-menu.

Then press ▼ / ▲ button to select and setup.

TV Information

Press ▼ / ▲ button to select TV Information.

Privacy & Terms

Press ▼ / ▲ button to select Privacy & Terms. Press **OK** button to enter sub-menu.

Then press ▼ / ▲ button to select and setup.

Media Play back

Connect a USB storage device (USB HDD, USB stick) to the USB port on the TV

to enjoy the content files stored on the USB storage device on your TV.

Press ▼ / ▲ button on to select Photo & Video/Photo/Video/Music.

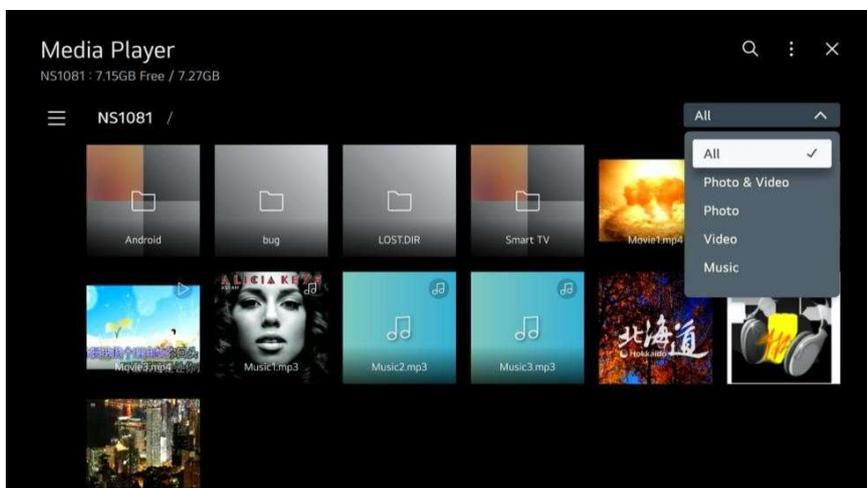
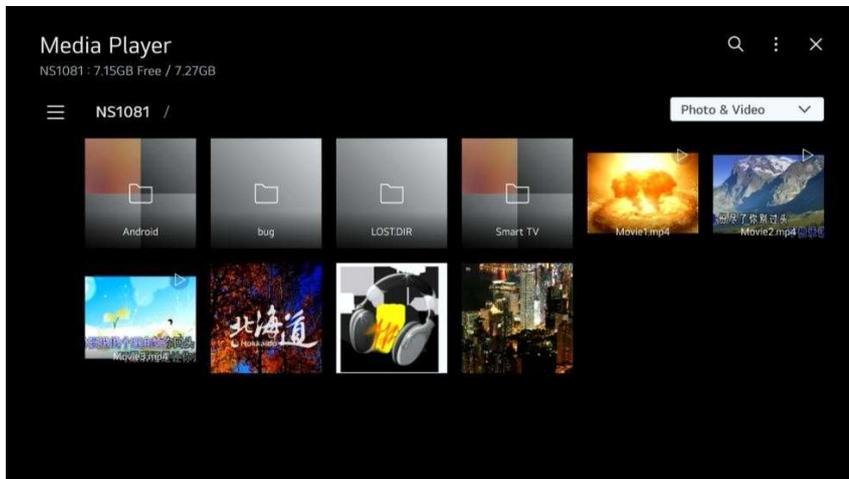


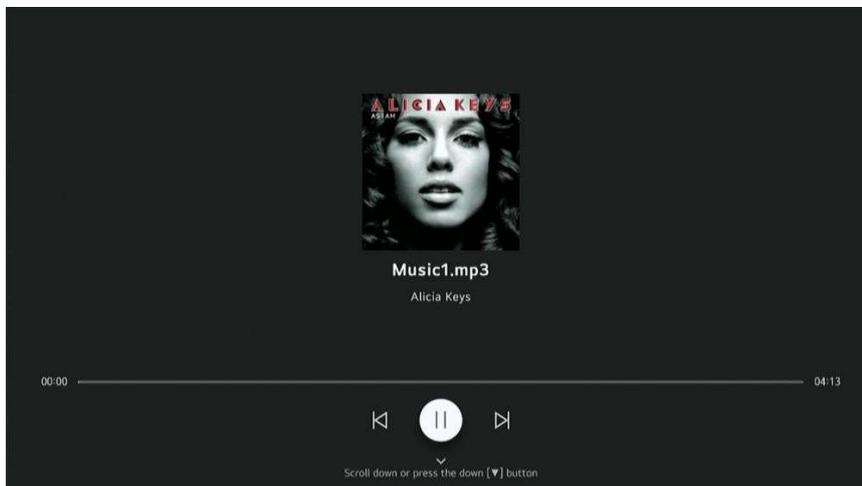
Photo and Video

You can view photos and videos using the Photo & Video function.



Music

You can play music conveniently by selecting the music files saved in the Music app or by selecting the music player icon during content playback in apps such as Photo & Video.



Please notice - All products are subject to change without any notice. We take reservations for errors and omissions in the manual.

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Electric and electronic equipment contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment) is not handled correctly.

Electric and electronic equipment is marked with the crossed out trash can symbol, seen above. This symbol signifies that electric and electronic equipment should not be disposed of with other household waste, but should be disposed of separately.

All cities have established collection points, where electric and electronic equipment can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Denver A/S declares that the radio equipment type M24 Smart2 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: denver.eu and then click the search ICON on topline of website. Write model number: M24 Smart2. Now enter product page, and RED directive is found under downloads/other downloads.

Operating Frequency Range:

TV: 46 to 862MHz
Wifi + BT – 2.4GHz/5GHz
Max Output Power: 36W

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Denmark

