![ProofVision](ProofVision logo)

LIFESTYLE PLUS MX SEMI-SHADE OUTDOOR TV

With Mini-LED for superior performance

This manual covers models

PVO55SDMW, PVO65SDMW, PVO75SDMW

Contents

Specifications

Model Number	PVO55SDMW	PVO65SDMW	PVO75SDMW
Screen size	55"	65"	75"
Panel type	TFT LCD		
Brightness	1000 nits		
Backlight type	Full array local dimming (QD) Mini LED		
Resolution	4K UHD 3840 x 2160		
Aspect ratio	16:9		
Diagonal screen size (mm/inches)	1387.8mm / 54.6inch	1639mm / 64.5inch	1894.8mm / 74.6inch
Operating system	webOS		
Power input	100~240V AC±10%, 50 / 60 Hz		
Audio output (Built-in speakers)	2 x 10W 8 Ohm		
VESA pattern (mm)	200 x 300	200 x 300	300 x 400
Weatherproof media compartment	Space for easier utilisation of smart devices. Easy access via hinged cover.		
Power consumption, display	175 watts / 0.9A @ 230V	244 watts / 1.2A @ 230V	330 watts / 1.6A @ 230V
Auxiliary power pass-through	3-prong 230V		
Remote	IR Remote Control		
TV weight (kg)	25	33	45
Packaging weight (kg)	32	40	52
TV dimensions (W x H x D) mm	1264 x 735 x 78	1483 x 858 x 78	1705 x 983 x 83.2
Packaging dimensions (W x H x D) mm	1353 x 802 x 218	1572 x 931 x 218	1795 x 1056 x 218

Environmental

Model number	PVO55SDMW	PVO65SDMW	PVO75SDMW
Dust and waterproof rating	IP55		
Operating temperature range	0°C to 40°C		
Non operating temperature	-20°C to 50°C		
Operating humidity	20–80% RH, non-condensing		

Energy consumption

Model number	PVO55SDMW	PVO65SDMW	PVO75SDMW
Energy consumption (standard mode)	175kwh/1000h	244kwh/1000h	330kwh/1000h
Standby power consumption	<0.5w	<0.5w	<0.5w

Note:

Design and specification modification may be made at any time without prior notice, all data and dimensions are approximations

Declaration of Conformity

ProofVision

Company name	Worldwise Trading Ltd T/A ProofVision
Address	Unit 1, Avad House, Belvue Road, Northolt, London
Postcode	UB5 5HY
Telephone	0203 4111 693
Email address	sales@proofvision.co.uk

This declaration of conformity is issued under our sole responsibility and belongs to the following product

Type of product	55", 65", 75" Lifestyle Plus MX Semi-Shade Outdoor TV
Model number	PVO55SDMW
	PVO65SDMW
	PVO75SDMW
Brand	ProofVision
Object of declaration	ProofVision Lifestyle Plus MX Semi-shade Outdoor TV range 55", 65", 75"
EMC directive	2014/30/EU
Low voltage directive	2014/35/EU

Relevant harmonised standards user or other technical specifications in relation to which conformity is declared

Safety	BS EN 62368-1: 2014+A11: 2017
EMC	BS EN 55032: 2015+A11: 2020
	BS EN IEC 61000-3-2: 2019+A1: 2021
	BS EN 61000-3-3: 2013+A2: 2021
	BS EN 55035: 2017+A11: 2020

Authorised signature

William Uttley

10th March 2024

UK CA

EU Declaration of Conformity

ProofVision

Company name	Notion Technology Ltd ProofVision
Address	Unit 83 Moat House, 54 Bloomfield Avenue, Belfast, Northern Ireland
Postcode	BT5 5AD
Telephone	0203 4111 693
Email address	sales@proofvision.co.uk

This declaration of conformity is issued under our sole responsibility and belongs to the following product

Type of product	55'', 65'', 75'' Lifestyle Plus MX Semi-Shade Outdoor TV
Model number	PVO55SDMW
	PVO65SDMW
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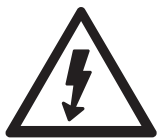| **Safety**	BS EN 62368-1: 2014+A11: 2017
EMC	BS EN 55032: 2015+A11: 2020
	BS EN IEC 61000-3-2: 2019+A1: 2021
	BS EN 61000-3-3: 2013+A2: 2021
	BS EN 55035: 2017+A11: 2020

Authorised signature

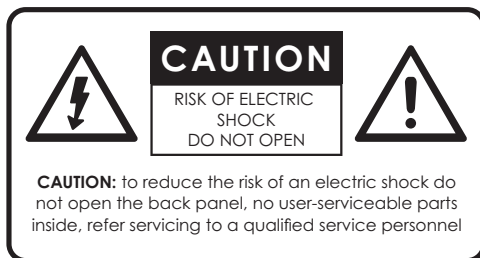*William Uttley*

10th March 2024

CE

WARNING: READ ALL INSTRUCTIONS BEFORE ATTEMPTING TO INSTALL OR SERVICE THIS PRODUCT

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: to reduce the risk of an electric shock do not open the back panel, no user-serviceable parts inside, refer servicing to a qualified service personnel

Warnings:

Do not handle or remove your outdoor display from the packaging until it is ready to be installed. To avoid damage to the outdoor display, only transport it in a vertical position. It is highly recommended that at least two (2) persons assist in the installation of the outdoor display.

Do not submerge in water: the Outdoor Display will resist water exposure from normal rain, sprinklers, snow, etc.; however, it is not designed to be submerged in water.

Do not wash with garden hose or pressure-wash: the Outdoor Display will resist water exposure from normal rain, sprinklers, snow etc.; however, it is not designed to withstand pressure washers, high-pressure water jets, projected snow from a blower, or hurricane-type weather.

Do not let metal pieces or objects of any kind fall into the display. High voltage flows in the product, and inserting an object can cause electric shock and/or short internal parts.

To prevent fire never place any type of candle or flames on the top or near the display.

To prevent fire or shock hazard do not place the AC cord under the display or other heavy items.

Power lines
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.

Accessories
Do not use accessories not specifically recommended by the manufacturer. Use of improper attachments can result in accidents.

Specifications of this product are subject to unannounced changes, this manual may thus not reflect the current technical status.

Warnings

⚠️ **Note**

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

1. Using cabinets or stands recommended by the manufacturer of the television set.
2. Only using furniture that can safely support the television set.
3. Ensuring the television set is not overhanging the edge of the supporting furniture.
4. Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
5. Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
6. Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.

Important safety instructions

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.

5. Clean only with a dry cloth.

6. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

7. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

8. Do not defeat the safety purpose of the polarised or grounding type plug. A polarised plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

10. Only use the attachments/accessories specified by the manufacturer.

11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time (30 days or longer).

13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14. To reduce the risk of fire or electric shock, do not expose the inside of this apparatus to rain or moisture. The inside of this apparatus shall not be exposed to dripping or splashing.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

16. The disconnect device shall remain readily operable.

17. The socket-outlet shall be installed near the equipment and shall be easily accessible.

18. Inspect the desired location for installation and be aware of all electrical wiring pathways, water pipes, gas lines, or other potentially hazardous conditions that may exist to protect from accidental damage during creation of on-site conditions.

19. Ensure all required electrical specifications are adhered to and have been installed by the appropriate individuals and are code approved.

20. Ensure all framing requirements, if needed, have been completed to building code and pose no structural issues.

21. It is REQUIRED that this product is plugged into an electrical outlet protected by a Ground Fault Circuit Interrupter (GFCI) to protect against electric shock, fire, and/or injury. Failure to do so will void any warranty for this product.

22. Only qualified individuals should attempt to service the product. Removing covers can expose you to high voltage and other dangerous conditions.

23. Do not overload AC outlets or extension cords. Overloading can cause fire or electric shock.

24. Close adult supervision is necessary when any product is used by or near children.

25. Do not operate any product with a damaged cord or plug or operate it after the appliance malfunctions or has been damaged in any manner.

26. To electrically disconnect the product, turn OFF the product, then remove the electrical power plug from the outlet.

27. This ProofVision product is intended for use indoors and outdoors.

28. If you notice any smoke or scorched smell near the product, unplug power cord and refer to qualified personnel for service and/or repair.

29. Do not use or place any combustible or flammable substances near the product.

30. Do not use this product for other than intended use.

31. This product is water resistant. Do not immerse this product in water.

32. The cable distribution system should be grounded (earthed) in accordance with ANSI/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93, Grounding of Outer Conductive Shield of a Coaxial Cable.

Optimal viewing ambient temperatures

The screen is most optimally viewed at ambient temperatures of 0˚C ~ 40˚C

Operation and storage requirements

The maximum ambient temperature range for operating the device is 0˚C ~ 40˚C. The screen is most optimally viewed at ambient temperatures of 0˚C ~ 40˚C.

Do not install the device in the proximity of heat sources, such as heating pipes, heaters, furnaces or other devices that radiate heat.

To prevent fire or electric shock, never allow liquids to enter the unit.

The uninstalled product must be stored in dry and well ventilated rooms, without extreme temperature fluctuations.

Heat sources and aggressive active substances may not be stored in the proximity of the device.

The required storage temperature is -30˚C ~ 60˚C at an air humidity of 10 - 90% RH non-condensing. The device must be stored in the complete packaging, as delivered.

The product must not operate on average more than twelve (12) hours per day on a permanent or extended periodic basis.

The product must have proper, correct and sufficient AC supply voltage.

When the unit is used in temperatures below the ideal operating temperature range, the picture may appear slightly delayed or blurred. This is normal, and the picture will return to normal after the temperature increases to the ideal operating temperature range.

Get to know your Outdoor Display

Sunlight — Do not use this product in direct sunlight.

This product is designed for shaded applications only. Exposure to direct sunlight has the potential to permanently damage electronics.

Selecting the installation location

Select a place with no direct sunlight and good ventilation. It is also recommended to orient the product to face either north or south. Screen exposure to the east or west may compromise picture performance in sunlight.

Installation over a gas fireplace is acceptable if the distance from the heat source is such that the air temperature surrounding the display does not exceed the maximum operating temperature. A mantle or other heat shield is recommended to further protect the display from heat. Installation over a wood fireplace or near heaters or blowers is not recommended and may result in damage to the electronics.

Not for installation in a sauna or directly above a hot tub where extreme heat and steam could damage the electronics.

Ventilation

Adequate ventilation must be maintained to ensure reliable and continued operation and to protect the display from overheating. There must be at least 1.5 inches of space on all sides. Do not install inside a cabinet, kiosk, or other enclosure.

Cable management

When running cables from inside the compartment to the sources, allow adequate spacing at the foam entry to the cabinet that allows the foam seal to completely surround each cable. Bunching the cables together can create gaps in the foam that allows moisture and insects to enter the cabinet that may result in damage.

When running HDMI cables longer than 30 feet, check your cable specifications. HDMI cables lose signal over long distances and your media setup may require a signal booster or HDMI balun.

Once connections are made, the media compartment cover must be secured. Failure to close the media compartment exposes the ports and components to the elements and has the potential to permanently damage electronics.

Screen health

The 4K liquid crystal panel is a high technology product with 8,294,400 pixels, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your product.

Battery disposal

Caution: This product may be shipped with batteries. Do not dispose of batteries in a fire or with ordinary household waste. Batteries may explode and can cause damage. The disposal of batteries may be regulated by your state. For more information on recycling or properly disposing of your batteries, please check with your local municipality.

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Installation position

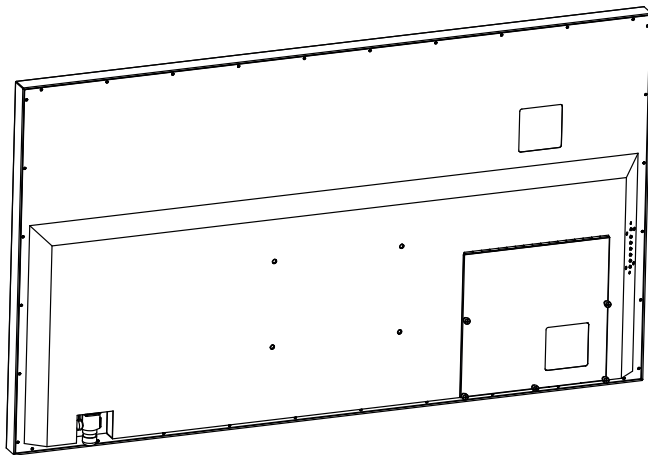Please refer to the picture below for the correct installation position.
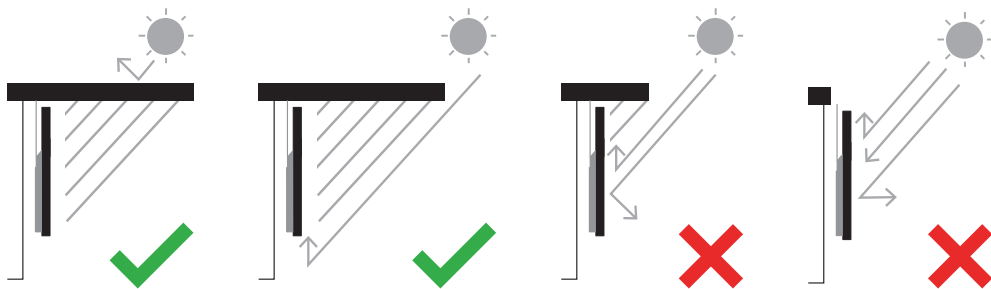
Note

CAUTION: To adjust mount angles, position hands near the middle height of the vertical mounting brackets and apply light pressure. Do not apply pressure to the bottom TV corners.
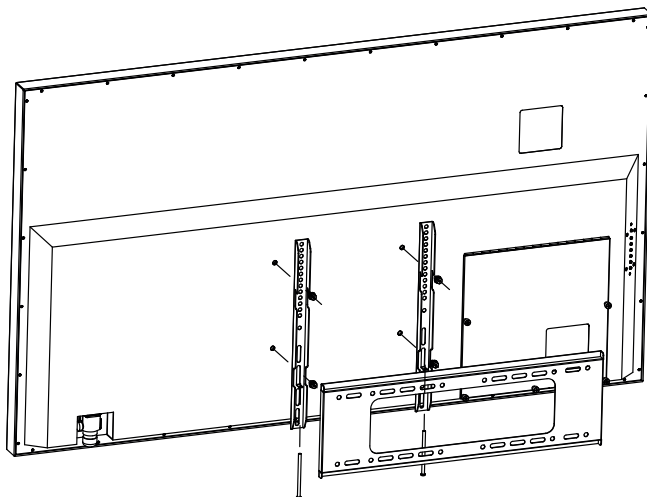
CAUTION: Do not install your wall mount kit while your display is turned on. It may result in personal injury due to electric shock.

CAUTION: Do not allow children to climb on or hang from the display.
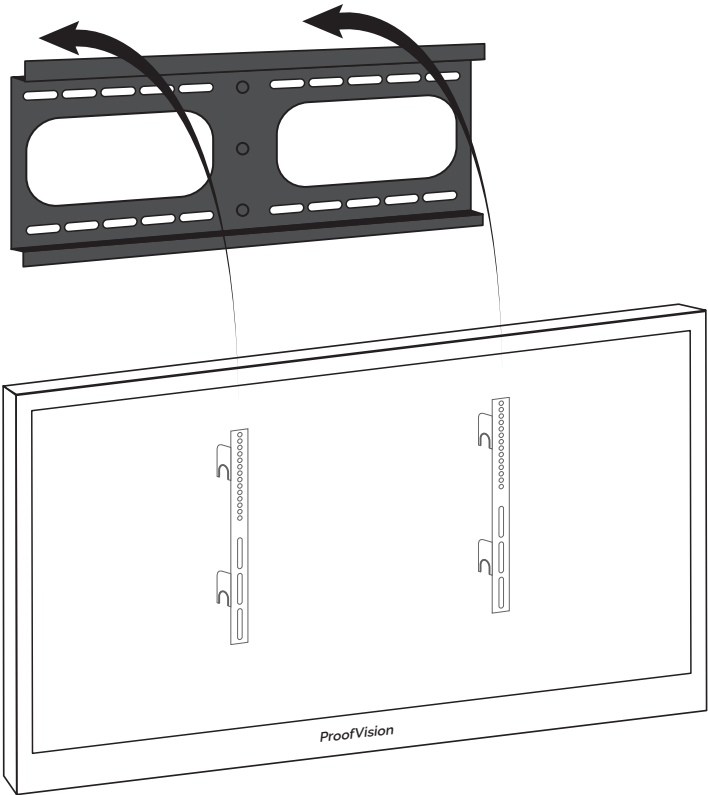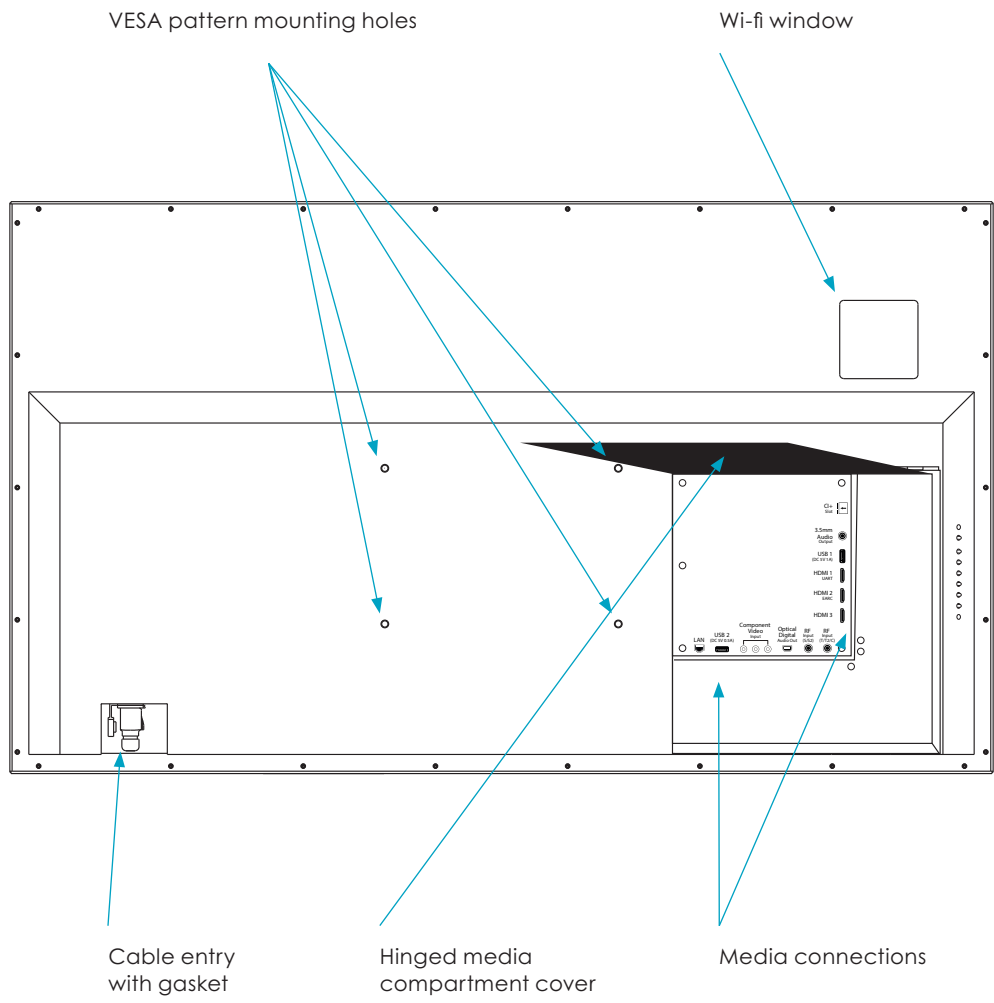
Installation

1. Unscrew and lift the inputs cover
2. Connect wires to correct inputs on what is required
3. Put inputs cover back in place with wires through the middle seal and screw tight (see below how it should look)
4. Unscrew 4 silver VESA screws on the back of the TV

5. Attach mounting hooks to the TV and secure using these screws
6. Mount TV to wall/floor/ceiling mount by attaching the hooks to the mount.

HEAVY

CAUTION:
Two man lift

Installing on ceiling and floor mounts

Installation

VESA pattern mounting holes

Wi-fi window

Cable entry
with gasket

Hinged media
compartment cover

Media connections

Installation

Outdoor TV is designed to be wall-mounted using the standard mounting hole pattern (VESA) on the back of the display. Use an outdoor-rated wall mount to mount to most outdoor wall surfaces. Follow the instructions with your mount for full details to install your display.

NOTE: Before beginning installation, verify that the weight rating and VESA hole pattern on the mount you purchased is compatible with your Outdoor display.

1. **Attach the Soundbar**
    Follow the instructions included with your soundbar to attach to your outdoor TV

2. **Install the Wall Mounting Brackets**
    Follow the instructions included with your outdoor-rated wall mount to attach brackets to your display and wall. Before hanging the display.

3. **Make Media Connections (see graphics on page 20)**
    Make all other preferred media connections inside the media compartment. Turn on the display and verify all media sources.

TIP: In case you decide to add an additional streaming device or media player at a later date, we recommend connecting extra HDMI or other cabling at the time of installation so you won't have to remove the display from the wall to connect.

Reattach the media compartment cover. Take care when screwing into place to minimise gaps around cords. At entry, cables should be spaced out to allow the foam seal to completely surround each cable. Bunching the cables together can create gaps in the foam that allow moisture and insects to enter the cabinet that may result in damage.

If using an IR device (for example, Apple TV and Roku models prior to 2019), you will need to set up CEC control for your streaming device. This option is available in the settings menu of your streaming device. To enable CEC on your TV, go to Menu – Network – Advanced Network Setting – CEC. This allows you to use TV remote to control the streaming device. If your streaming device does not use an RF connection and is not CEC compatible, then it will not receive remote control commands when placed in the media compartment. An IR emitter may work in getting a signal to the streaming device.
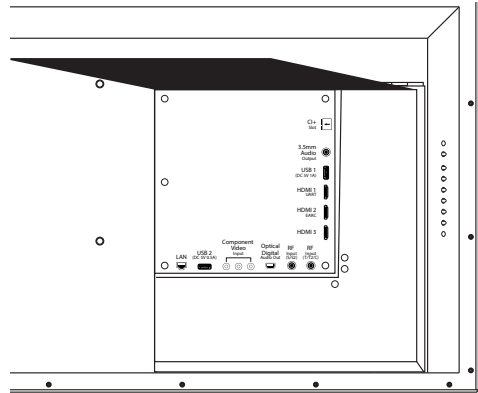
4. **Hang Lifestyle Plus MX on the Wall**
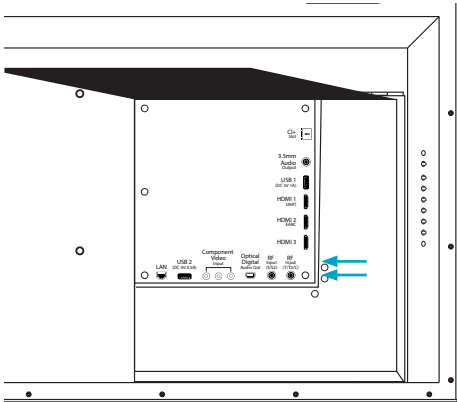   Complete installation by hanging outdoor TV on the mount according to the mount instructions.

# Accessing the weatherproof media compartment
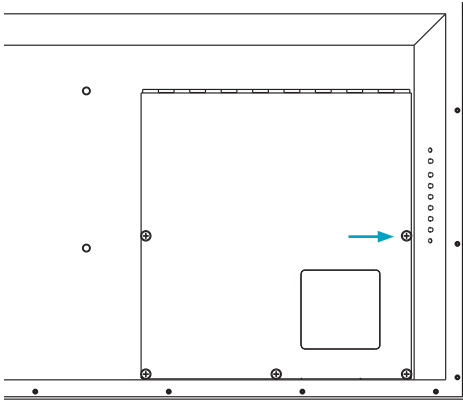
1. Unscrew the five thumb screws and raise the cover by lifting it.

2. Route the cables to the proper inputs and place the cable cords over the rubber sealing gasket on the bottom of the cable access opening.
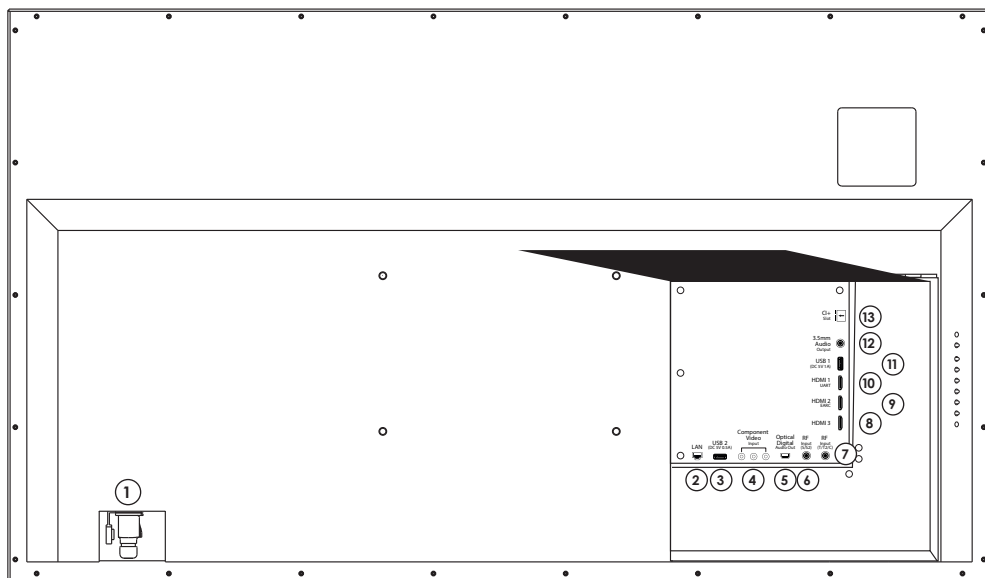

3. Ensure the cables are routed past the indentation on the bottom of the door. Cables cannot be routed through the top or side of the rubber sealing gasket.
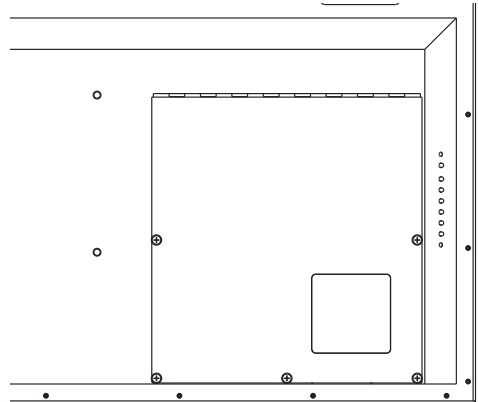
4. Close the cover. Press firmly on the cover and tighten the thumb screws.

Overview of back panel

1. **230v AC input**

2. **LAN**
   Ethernet connection

3. **USB 2**
   Connect media stick for content

4. **Component Video Input**

5. **Optical Digital Out**
   Optical digital audio output

6. **RF Input S/S2**
   Connected to external SATELLITE to receive

7. **RF Input T/T2/C**
   Connected to external antenna to receive the ATV/DTV program in ATV/DTV mode

8. **HDMI3**
   Connect for HDMI

9. **HDMI 2 (EARC)**
   Connect for HDMI

10. **HDMI 1 (UART)**
    Connect for HDMI

11. **USB 1**
    Connect media stick for content

12. **3.5mm Audio Out**
    Connection for external speakers

13. **CI SLOT**
    Use to insert the CI card

Waterproof remote control

⏻ Set your TV to power on or standby mode

AD Turn the AD switch on or off

GUIDE Select electronic program guide, in DTV mode, it will display all the information of program in a week when pressing this button

MUTE Press this button to cut off the sound of the TV set temporarily, press again to resume

Digital Buttons(0-9, -) Directly select channel with digital buttons

🔍 Search function

SUBTITLE Press to select the subtitle language

⚙ Enters the Quick Settings menu

LIST Press to display the channel list

⋮ Display the additional buttons on the remote control

⌨ Selects an input source

BACK Move to the previous step

EXIT Closes the menu

🏠 Displays the Home menu

NETFLIX Go to Netflix

prime video Go to Prime Video

EXIT Closes the menu

T.OPT Open the function menu of TEXT

◀▶▼▲ RIGHT/LEFT UP/DOWN buttons to navigate the on-screen menu.

OK Confirms selection

VOL +/- Press these buttons to adjust the volume

CH +/- Press these buttons to change channel upward or downward

▶ Play

⏸ Pause

REC Launch Record

□ Launch Live Playback

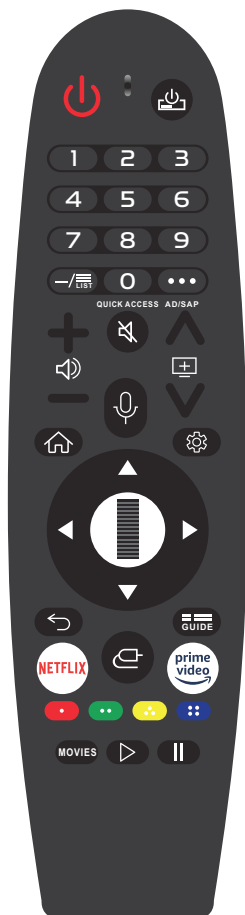**COLOUR BUTTONS** Corresponds to various colour functions in the menu or teletext

MOVIES: Search Movies

TV/RAD: Switch to TV or Radio

Magic remote control unit

Briefly press or press and hold remote control button to access various functions. For buttons with ⟲ , please long-press (hold for more than a second).

For buttons with #, please long-press (hold for more than a second).

You can turn on/off the power of the set-top box

LIST Checking the saved channels

0 ⟲ The QUICK ACCESS edit screen appears

It displays the additional buttons on the remote control

⟲ Configures SAP

It adjusts the volume level

⟲ Select to turn off the sound from the TV

⟲ Enter the Accessibility menu

You can change the channel

Check out the recommended contents. (Recommendation service may not be available depending on the countries you are in.) Push and hold the button while speaking to use the voice recognition function

Displays the Home menu

⟲ Displays the list used previously

Enters the Quick Settings menu

⟲ Enters the All Settings menu

Move to the previous step

⟲ Closes the menu

GUIDE You can check the program

Selects an input source

⟲ Entering into the Home Dashboard

Launch Record (Some models may not be supported.)

Using the Magic Remote

1. If you shake the Magic Remote left and right or turn its wheel while pointing it at the TV, a pointer will appear on the TV screen. If you move the remote control in the direction you want, the pointer follows the movement.

2. Move the pointer to the location you want and press the Wheel (OK) button to execute the function.

3. If the pointer has not been used for a certain period of time, it will disappear. When the pointer disappears from the screen, shake the Magic Remote right and left. It will then re-appear. The pointer will disappear if you press the up, down, left, or right buttons, and the remote will work as a conventional remote. If the pointer is not responding smoothly, you can reset the pointer by moving it to the edge of the screen. Use the remote control within the specified range (within 10 meters or 33 feet). The device may not function properly when outside the working distance or when an obstacle blocks the line of sight. Depending on the peripherals (wireless router, microwave oven, etc.), communication failures may occur.

Impacts can cause the Magic Remote to malfunction.

Take care not to bump into nearby furniture, electronic equipment, or other people when using the Magic Remote.

The magic remote is not waterproof and should not be used with wet hands.

Boot wizard

LG ThinQ

We recommend that you download the LG ThinQ app on your mobile phone or tablet. This app allows you to control the TV from your device and any other compatible LG smart home device on your network.

Home tutorial

Using the Home Feature of the webOS TV

You can open the Home screen by pressing the ⌂ button on your remote control. Roll the **Wheel (OK)** button on the Magic Remote to scroll through the menu. You can open apps and content or use various features of the smart TV. Standard remote control allows you to scroll through the menu with the ⏶/⏷ buttons.
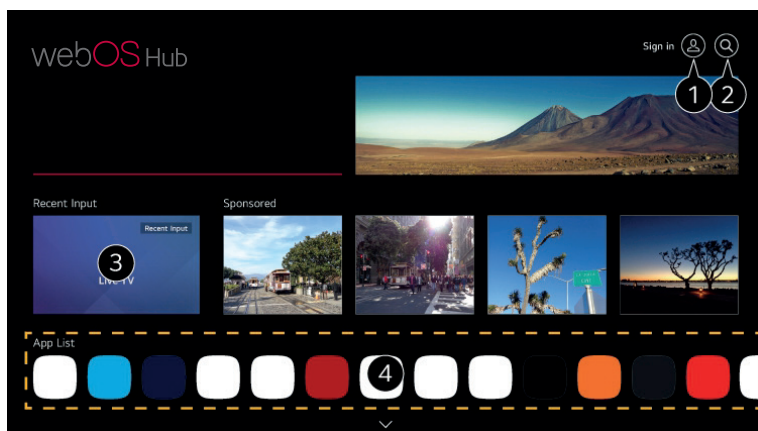
We recommend registering with LG on your phone or PC before signing in on your outdoor TV.

1. You can log in to your **LG Account** or view basic information about the account to which you are currently logged in
    For more information, see **Getting Started with webOS TV Managing Your LG Account** in **User Guide**.

2. Launch **Search**.
    To see the details, click the **Apps and Content → Content Search** in **User Guide**.

3. Returns to the most recently used TV or external input.

4. You can run, move, and delete the apps installed on your TV.
    App List is automatically shown on the screen each time the TV is turned on. To change the Home screen display, change the setting of Home Auto Launch
    in ⚙ → ⚫⚫⚫ **General → System → Additional → Settings → Home Settings**.
    The availability of and access to Contents and Services in the device are subject to change at any time without prior notice. Available features vary depending on the region or service.

Manage home

Manage webOS TV home

You can change the order of the displayed apps or content lists by pressing the ⌂ button on the remote control.

Roll the Wheel (OK) button on the Magic Remote to scroll through the menu. You can enter edit mode by selecting ✎ located at the bottom of the screen.
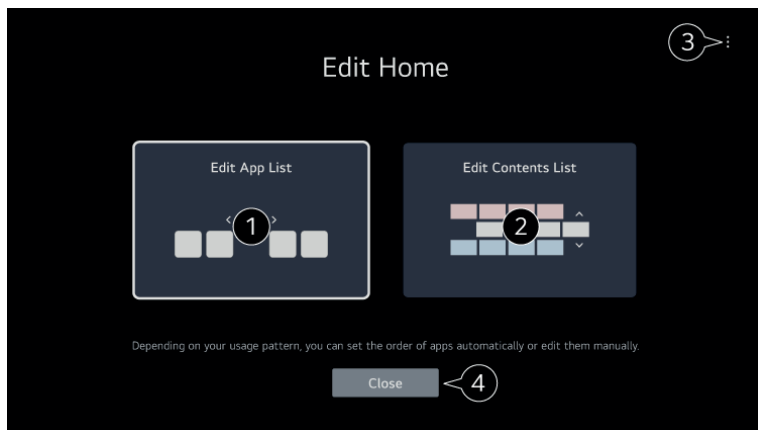
1. Enters the **Edit App List** mode.
   Depending on your usage pattern, you can set the app order automatically or edit it yourself. After selecting the app you wish to edit from **App List** on the Home screen, press and hold the **Wheel (OK)** button on the remote control, or select the **Edit App List** button located in the last area of **App List** to enter **Edit App List** mode.

2. Enters the **Edit Contents List** mode. You can directly edit the order of the content list displayed in Home.

3. **Reset App Order:** Resets the order of items in the app list.
   Reset Usage Data: It resets the content view history and the app usage history. If you reset them, it takes some time to receive recommendations for contents again.
   Home Settings: When turning the power on, go to the screen that sets the Home behaviour or advertising display.
   User Guide: Move to the **User Guide** app. Items that can be set may vary depending on the edit mode.

4. Exits edit mode.

Live TV preparation

Watching Broadcast TV

Connect the broadcast antenna/cable to the TV.

1. Launch ⚙ ➔ ⓘ General ➔ Programmes ➔ Programme Tuning (Programme Tuning & Settings) ➔ Auto Tuning.
   Finds and adds only programmes being broadcast.

2. You can also connect a piece of equipment that can receive broadcasting such as a set-top box instead of the antenna.
   Launch ⚙ ➔ ⓘ ➔ General ➔ Devices ➔ External Devices ➔ Universal Control Settings.

To solve a problem related to this function, refer to the Troubleshooting section of User Guide.

Connecting to the network

To achieve the best streaming quality, we recommend using a wired internet connection

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

Setting a wired network
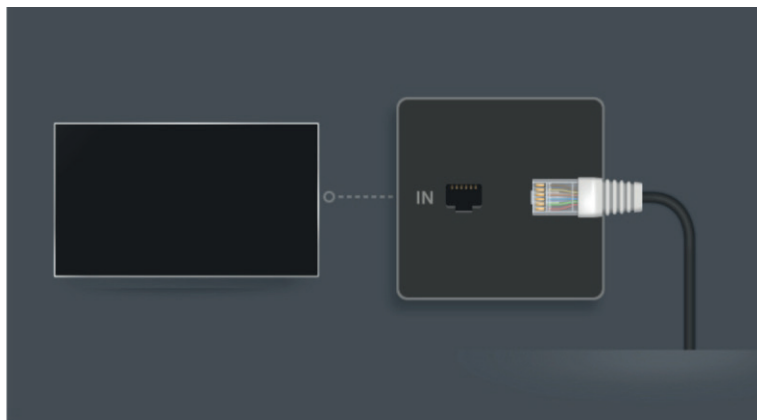
1. Connect the LAN port of the TV and the router using a LAN cable. The router should be connected to the Internet beforehand.
If the router supports DHCP, the TV is automatically connected to the network when you connect the TV to the network with a LAN cable.

If the network is not automatically connected

1. Press the ⚙ button on the remote control.

2. Select ⓘ → **General** → **Network** → **Wired Connection (Ethernet)**.
To see the details, click the **Settings** → **Network** → **Wired Connection (Ethernet)** in **User Guide**.

Setting a wireless network

1. Turn on the power of the router connected to the Internet.
2. Press the button on the remote control.
3. Select ⓘ → **General** → **Network** → **Wi-Fi Connectio**n.
4. When the network search is complete, the list of networks available for connection is shown.
5. Select a network to connect.

If your wireless LAN router is password protected, enter the password configured for the router. To see the details, click the **Settings** → **Network** → **Wi-Fi Connection** in **User Guide**.

Network setting warnings

Use standard LAN cable (connect to Cat 5 or above RJ45 connector, 10 Base-T, or 100 Base TX LAN port).

Resetting the router may cause network connection problems. In this case, the router will operate normally if you turn it off and disconnect the TV, and then reconnect and turn it on.

Due to the positioning of the bathroom in the house and positioning of the Wi-Fi receiver inside the TV unit, there is the possibility of a weak signal being received by the TV. To improve connectivity, we recommend the use of a Wi-Fi extender or WAP (Wireless Access Point) between the router and the bathroom.

The manufacturer is not responsible for network connectivity or operation failure due to problems such as equipment failure or disconnected lines.

The network connection may not work properly because of network settings or the Internet service provider.

DSL service must use a DSL modem; and cable service must use a cable modem. Since only a limited number of network connections may be available, TV network setting may not be used depending on the contract with Internet service provider. (If the contract does not allow more than one device per line, only the already-connected PC may be used.)

A wireless network can experience interference from other devices that use the 2.4 GHz frequency (wireless phone, Bluetooth device, or microwave oven). Although interference can also happen when using the 5 GHz frequency, it is less likely to occur.

The wireless environment can make wireless network service run slowly.

Using several wireless devices at the same time can slow your network.

The access point device must support wireless connections and wireless connection feature must be enabled on the device to have AP (access point) connection. Contact the service provider for availability of wireless connections on the access point.

Check SSID and security settings of the AP. Refer to the appropriate documentation for SSID and security settings of the AP.

If the network is changed by moving the TV or changing the router, you must set up the wireless network again. Existing wireless network connections will not be saved.

Invalid settings of network devices (wired/wireless line sharer, hub) can cause the TV to operate slowly or not operate properly. Install the devices correctly according to the appropriate manual and network.

The connection method may differ depending on the AP manufacturer.

To solve a problem related to this function, refer to the **Troubleshooting** section of **User Guide**.

Managing your LG account

LG membership

Logging in with **LG Account** enables you to use customised recommended content and various app services.

You can sign up for LG membership and log in with your email address in **LG Accoun**t.

Alternatively, you can sign up for LG membership using the ID and password of an external service account.

1. Select ⚙ → **General** → **System** → **LG Account**.

2. Choose one from the three options: **Sign in with the LG ThinQ App/Sign in with the Mobile Web/Sign in with the TV remote** and sign up for LG membership.

3. Agree to the User Agreements and enter the information required to sign up. Required information may vary depending on the country.

4. A verification link will be sent to the email address you entered when you signed up. Please complete email verification within the validity period.

5. Once your email address is verified, you can log in with your credentials. This feature may not be available in some countries. Age restrictions may apply for signing up. To solve a problem related to this function, refer to the **Troubleshooting** section of **User Guide**.

Managing your LG Account

⚙ → **General** → **System** → **LG Account**

When you enter **LG Account**, the previously logged-in account is displayed, and you can select an account to log in or edit the account list.

Basic information about the account can be viewed by selecting **Account Management** under the logged-in account. You can also change your password or edit your account information.

About the User Guide

For information on each feature of the webOS TV, consult the **User Guide** available on the TV.

You can check the description of the associated **User Guide** by clicking ⓘ → **User Guide** in the upper-right corner while using the app, or by clicking ⑦ during setup in **Settings**.

If you click on **Try Now** in **User Guid**e, you can navigate to that feature or setting. Text colour in this User Guide is used to indicate the following:

• **Red:** the names of the remote control buttons

• **Yellow:** the buttons and the text to be displayed on the TV screen

• **Green:** the names of the TV input connectors

The images and information in the **User Guide** may differ depending on the model and operating environment.

Product specifications may be changed without prior notice due to upgrade of product functions.

Settings

Quick settings

To Use Setting Function Quickly

Set of light-weight controls quickly and simply such as Picture Mode, Sound Out, and so on.
Press the ⚙ button on the remote control.

1. You can set **Picture Mode**
2. You can set **Sound Mode**
3. You can choose **Sound Out**
4. Directs to the **Network settings**
5. You can set more options.
   You can also long-press ⚙ button of the remote control to run the All settings directly.
6. You can add/delete the quick setting items or change their order. Move to an item that can be set up, press the remote control's **Wheel (OK)** button once, and then press and hold the **Wheel (OK)** button to move to the menu. The configurable items differ depending on model.

Picture

Selecting the picture mode

⚙ → ⓘ → **Select Mode**

Select the picture mode that is best suited to your viewing environment, preferences or video type.

Select a picture mode. By adjusting and setting each item in more detail based on the mode, your video is better optimised for its characteristics. The configurable items differ depending on model.

When you use normal signals

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

Standard - Displays the picture with normal contrast, brightness and sharpness levels.

Eco / APS - The Energy Saver feature changes settings on the TV to reduce power consumption. The configurable items differ depending on model.

Cinema - Suitable picture for movies.

Sports / Football / Cricket - Suitable picture for sports. Sharpens the image of rapid movements such as kicking or throwing a ball. The name of the sport may differ depending on region.

When you use the HDR/Dolby Vision signals

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

Standard - In a normal viewing environment, it opens a screen that can properly show the expressiveness and brightness of HDR.

Cinema - Suitable picture for HDR video signal.

If the HDR/Dolby Vision video signal is input to the models that do not support the HDR/Dolby Vision technology, It will be provide normal signals picture mode options.

Depending on the input signal, the available picture modes may be different.

When watching online service content, the Picture Mode may be changed to match the content being shown.

Select Mode changes may modify **Energy Saving** settings and it can affect energy consumption. You can change the settings in **General → Energy Saving**.

Aspect ratio

Setting the Screen Size

⚙ → ⓘ → **Picture → Aspect Ratio → User Selection**

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

16:9 - Displays an aspect ratio of 16:9.

Original - The optimal screen ratio changes depending on the input image signal.

Full Wide - You can watch content across the full screen. Please note that picture distortion can occur depending on signal type.

4:3 - Displays an aspect ratio of 4:3.

Vertical Zoom - You can adjust the vertical dimension of the screen and align the screen vertically by using **Adjust Zoom Ratio** and **Adjust Screen Position**.

4-Way Zoom - You can adjust the horizontal/vertical/diagonal dimensions of the screen and align the screen horizontally/vertically by using **Adjust Zoom Ratio** and **Adjust Screen Position**.

The configurable items differ depending on model. The picture may get distorted while zooming in or out. Selecting a different screen size from the original size may cause the image to look different. Depending on the combination of picture format and screen size, the edges may be hidden or shown in black, or both sides of the picture may flicker. Also, when selecting an item shown on the broadcast screen, the outline may not be aligned correctly. Depending on the input signal, the available screen sizes may be different.

View screen with just scan

⚙ → ⓘ → **Picture** → **Aspect Ratio** → **Just Scan**

If you turn this feature **On**, you can view the content in the aspect ratio that is in the broadcast signal or content source. If the edge of the screen is not clean, please turn it **Off**.

If set to **Auto**, the feature switches between **On** or **Off** status depending on the information contained in the video signal.

The items that can be selected may vary depending on the current input.

Adjusting the brightness of a picture

⚙ → ⓘ → **Picture** → **Advanced Settings** → **Brightness**

You can adjust the brightness of the entire screen.

Panel Brightness

Controls the level of screen brightness by adjusting the backlight. The closer to 100, the brighter the screen.

Decrease the **Panel Brightness** to reduce energy consumption.

Depending on the E**nergy Saving (Auto/Maximum)**, you may not be able to adjust the **Panel Brightness**.

In this case, navigate to ⚙ → ⓘ → **General** → **Energy Saving** → **Energy Saving Step** and set to **Off** or **Minimum**.

Depending on your TV model, you might not have the **Panel Brightness** setting.

Adjust Contrast

Adjusts the contrast of the bright and dark areas of the picture. The closer to 100, the higher the contrast.

Black Level

Adjusts the brightness of dark areas of the screen. The closer it is to 100, the lighter the screen becomes.

Auto Dynamic Contrast

Corrects the difference between the bright and dark sides of the screen for optimal results depending on the brightness of the picture.

Gamma(Adjust Brightness)

Adjusts the medium brightness of the picture. BT.1886 expresses the gradation in ITU-R BT.1886, which is an international standard.

Picture

Video Range

Adjusts the darkness of the screen in order to display a perfect black. Select **Video Range** to match the colour range of the external input device.

This feature can be used while watching content through an external input.

Depending on the input signal or the selected picture mode, the available options may differ.

The configurable items differ depending on model.

Adjusting the colour of the picture

⚙ → ⓘ → **Picture** → **Advanced Settings** → **Colour**

Colour Depth

Tones down or up the colours displayed on the screen. The closer to 100, the deeper the colour.

Tint

Adjusts the colour balance between red and green displayed on the screen. The closer to Red 50, the more red the colour will be. The closer to Green 50, the more green the colour will be.

Fine Tune

Adjust the colour as you like to fine tune the image.

Colour Adjustment

Adjusts the Colour and saturation of the picture to make the image more Colourful and lively.

White Balance

The function to adjust each colour to be reproduced more accurately based on white allows you to adjust the overall colour tone of the screen to your preference.

Colour Temperature

You can set the colour to make the display look cooler or warmer. Depending on the input signal or the selected picture mode, the available options may differ. The configurable items differ depending on model.

Adjusting the contrast of the picture

⚙ → ⓘ → **Picture** → **Advanced Settings** → **Clarity**

You can adjust the contrast of a Picture to show it more clearly.

Adjust Sharpness

Adjusts the sharpness of the image. The closer to 50, the sharper and clearer the image.

Super Resolution

Adjusts the resolution to make dim and blurred images clearer.

Noise Reduction

Removes small dots that stand out so as to make the image clean.

Real Cinema

Optimise display for movies.

TruMotion

Suitable the image quality of fast-moving pictures.

Off - Turns off the TruMotion.

Cinematic Movement - Adjusts the shaking of the motion on the screen to make it feel like you are in a movie theatre.

Natural - Sets images with a lot of motions to look natural and clear.

Smooth Movement - Softens fast-moving pictures.

User Selection - Sets TruMotion manually.

De-Judder - Adjusts juddering on the screen.

De-Blur - Reduces the blurring effects of motion.

The advanced settings can be changed only in **User Selection** mode.

Depending on the input signal or the selected picture mode, the available options may differ.

The configurable items differ depending on model.

Apply to all inputs

Applying the Current Picture Settings to All Inputs

⚙ → ⓘ → **Picture** → **Advanced Settings** → **Apply to All Inputs**

The settings you specify only apply to the currently selected input mode.

To apply your current picture settings to all input modes, select **Apply to All Inputs**.

Reset

Resetting Picture Mode

⚙ → ⓘ → **Picture** → **Advanced Settings** → **Reset**

If you want to reset the image settings to the factory defaults after configuring the image settings, select reset for each image mode.

Sound

Select mode

⚙ → ⓘ → **Sound** → **Select Mode**

You can select the most suitable sound mode for each genre.

Standard - Optimises the sound for all types of content.

Cinema - Optimises the sound for cinemas.

Clear Voice / Clear Voice Pro - Boosts voice clarity.

Sports / Football / Cricket - Optimises the sound for sports. The name of the sport may differ depending on region.

Music - Optimises the sound for music. This setting is only available for Internal TV Speaker. The configurable items differ depending on model.

Use TV speaker

⚙ → ⓘ → **Sound** → **Sound Out** → **Use TV Speaker**

Audio is played through the TV's internal speakers.

Use wireless speaker

⚙ → ⓘ → **Sound** → **Sound Out** → **Use Wireless Speaker**

Bluetooth Device

Wirelessly connect a Bluetooth audio device to enjoy TV sound more conveniently. Refer to the user manual of the Bluetooth audio device for details on how to connect and use the device.

Press ⓘ to view the connected devices or the devices that can be connected to connect any one of them.

For some Bluetooth devices, the device volume can be controlled by selecting from the connection list. LG Sound Sync devices will automatically try to connect to the recently used devices when you turn the TV on. We recommend that you connect an LG audio device that supports LG Sound Sync, using LG TV mode or LG Sound Sync mode on device.

Some models may not be supported.

The audio codec that can be output via Bluetooth is SBC/aptXTM. If the device fails to connect, check the power of the device to connect to and check if the audio device is working properly. Depending on the type of the Bluetooth device, the device may not connect correctly or an abnormal behaviour may occur such as unsynchronised video and audio.

The mobile-only headsets may not work.

Sound may stutter or sound quality may be reduced if:

• the Bluetooth device is too far from the TV

• there are obstacles between the Bluetooth device and the TV

• used together with radio equipment such as a microwave oven or wireless LAN

Mobile Device

If you install the LG ThinQ app on a smart device and connect it to your TV, you can use the device as a speaker for the TV.

Use wired speaker

⚙ → ⓘ → **Sound** → **Sound Out** → **Use Wired Speaker**

Optical Out Device

You can connect an audio device that supports Optical to the optical digital audio output port to enjoy your TV's sound in richer quality and greater convenience.

Only available for models with an optical digital port. For some devices, you can adjust the volume using the TV remote control.

HDMI(ARC) Device

Sound from the TV can be output through an external audio device connected via a **HDMI (eARC/ARC)** port.

Select **HDMI(ARC) Device** to automatically turn on SIMPLINK. Once SIMPLINK is turned off, the output speaker settings automatically revert to the default settings for uninterrupted audio output.

Audio Out Device / Wired Headphones

Select **Wired Headphones** or **Audio Out Device** to optimise audio output according to the device connected.

Some models may not be supported.

If you connect the wired headphones while the TV is powered on, it automatically detects the wired headphones and redirects audio through them.

Use external speakers with TV speaker

⚙ → ⓘ → **Sound** → **Sound Out** → **Use External Speakers with TV Speaker**

Audio can be played through the multiple devices simultaneously.

Optical Out Device + TV Speaker

Audio is played through the TV's built-in speakers and the audio device connected to the digital optical audio output port simultaneously.

Wired Headphones + TV Speaker

Audio is played through the TV's internal speakers and the **Wired Headphones** simultaneously.

Some models may not be supported. If you connect the wired headphones while the TV is powered on, it automatically detects the wired headphones and redirects audio through them.

Balance

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Balance**

You can adjust the volume of the left and right speakers. This setting is only available for Internal TV Speaker.

Equaliser

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Equaliser**

You can adjust the sound by increasing or decreasing the output of the specific frequency range of the voice signal.

This option can be enabled if **Sound** → **Select Mode** is set to **Standard**. This setting is only available for Internal TV Speaker

Sound

Applying the current sound settings to all inputs

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Apply to All Inputs**

The settings you specify only apply to the currently selected input mode. To apply your current sound settings to all input modes, select **Apply to All Inputs**.

Initialising sound settings

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Reset**

Restores the detailed effect settings for the Standard sound mode to the initial settings. This setting is only available for Internal TV Speaker.

Installation type

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Installation Type**

This mode optimises the sound based on the TV setup.

Stand

Select this if the TV is installed in stand-type.

Wall-mounted

Select this if the TV is installed in wall-mounted type.

This setting is only available for Internal TV Speaker.

Automatic volume adjustment

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Automatic Volume Adjustment**

If it is set to On, the volume will be automatically adjusted to a suitable level for each content you watch to help you enjoy watching more comfortably. This setting is only available for Internal TV Speaker.

DTV Audio Setting

⚙ → ⓘ → **Sound** → **Advanced Settings** → **DTV Audio Setting**

When different audio types exist in an input signal, this function allows you to select the audio type you want. If set to **Auto** the search order is **AC4** → **HE-AAC** → **Dolby Digital Plus** → **Dolby Digital** → **MPEG** and output is produced in the first Audio Format found.

The following search order may change depending on the country: **AC4** → **HE-AAC** → **Dolby Digital Plus** → **Dolby Digital** → **MPEG**.

If the selected Audio Format is not supported, another Audio Format may be used for output. Some models may not be supported.

Adjusting AV Synchronisation

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Match Screen and Sound**

Adjusts the synchronisation of the sound from the speaker that is working. The closer the value is set to 60, the slower the voice output speed will be than the default speed.

If you select **Bypass**, Outputs the broadcast signals or the sound from external devices without any audio delay. The audio may be output before the video because of the time the TV takes to process the video input.

Available options vary by **Sound Out** setting.

Select HDMI Input Audio Format

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Select HDMI Input Audio Format**

You can set the audio format for each HDMI input. When connected to devices or content that support the latest surround sound technology, setting to **Bitstream** will enable you to listen to the intended sound quality. When the voice delivered through the HDMI port is not synchronised, set it to **PCM**.

LG Sound Sync

⚙ → ⓘ → **Sound** → **Advanced Settings** → **LG Sound Sync**

Connect the LG Sound Sync device to the optical digital input port and set **Sound Out** to **Optical Out Device**. By setting this feature to **On**, you can adjust the volume of the connected LG Sound Sync device using a TV remote control.

If the auto-power feature of the sound bar that supports LG Sound Sync is set to On, the sound bar will be turned on or off together when the TV is turned on or off.

Setting Digital Sound Output

⚙ → ⓘ → **Sound** → **Advanced Settings** → **Digital Sound Output**

You can configure the **Digital Sound Output** settings.

This setting is only available when ⚙ → ⓘ → **Sound** → **Sound Out** → **Use Wired Speaker** is set to **Optical Out Device/HDMI(ARC) Device**. When **Pass Through** is enabled, sound effects may not be output. The codec output with a device may differ from input signals.

	Sound Input	Digital Sound Output
PCM	All	PCM
Auto / Pass Through	MPEG	PCM
	Dolby Digital	Dolby Digital
	Dolby Digital Plus / Atmos	(Optical) Dolby Digital (HDMI ARC) Dolby Digital Plus / Atmos
	Dolby TrueHD (HDMI only)	(Optical) Dolby Digital (HDMI ARC) Dolby Digital Plus / Atmos
	HE-AAC / AAC	(Optical) Dolby Digital (HDMI ARC) Dolby Digital / Dolby Digital Plus

Dolby TrueHD , HDMI eARC , Dolby Atmos : Some models may not be supported. When connected with HDMI eARC, the output audio type will depend on the audio type supported by the connected device.

Depending on the device connected and input audio type, it can be output as Dolby Metadata-Enhanced Audio Transmission PCM (Dolby MAT PCM). If **Digital Sound Output** is set to **Pass Through** and HDMI input is Dolby TrueHD or Multi-Channel PCM, audio can be output as Bypass.

Sound

Using eARC supported audio device

Sound Advanced Settings eARC Support

eARC is a technology that can send and receive more sound information faster thanks to its wider bandwidth than that of the conventional ARC. You can enjoy TV sound with higher quality than ARC through a connected audio device.

1. Connect an audio device that supports eARC to the **HDMI (eARC/ARC)** port.
2. Go to Sound Out Use Wired Speaker and choose **HDMI(ARC) Device**.
3. Set **eARC Support** to **On**.

AI service

Viewing Voice Recognition help

⚙ → ⓘ → **General** → **AI Service** → **Voice Recognition Help**

It shows a list of voice commands the TV can perform.

Using Voice Recognition settings

⚙ → ⓘ → **General** → **AI Service** → **Voice Recognition Help**

You can apply settings for voice recognition features.

AI recommendation

⚙ → ⓘ → **General** → **AI Service** → **AI Recommendation**

You can get content recommendation messages according to your content viewing history and app usage history.

Alarm

Smart Tips

You can get an introduction to smart features you can use when watching TV or using an app.

Next Picks

You can get recommendations based on your TV viewing patterns. This feature may not be available in some countries.

Data management usage

Reset Usage Data

It resets the content view history and the app usage history. If you reset them, it takes some time to receive recommendations for contents again.

The configurable items differ depending on model.

Programmes

Automatically set up programmes

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning (Programme Tuning & Settings)** →
Auto Tuning

Automatically tunes the programmes.

1. Select Country where the TV is used. Programme settings change depending on the country you choose.
2. Initiate **Auto Tuning**.
3. Select programme tuning modes.
4. Set Auto Tuning following screen instructions.
    If Input Source is not connected properly, programme registration may not work. **Auto Tuning** only finds programmes that are currently broadcasting. If **Safety** is turned on, a pop-up window will appear asking for password.

Set Cable Setting

When searching for programmes using FULL setting it can take a long time. The following values are needed in order to search all available programmes quickly and correctly. The commonly used values are provided as "default". The configurable items differ depending on **Type**.

Frequency (kHz)

Enter a user-defined frequency.

Symbol Rate (kS/s)

Speed at which a device such as modem sends symbols to a programme.

Modulation

Loading of audio or video signals onto carrier.

Network ID

Unique identifier allocated for each user.

Start Frequency (kHz)

Enter a user-defined start frequency range.

End Frequency (kHz)

Enter a user-defined end frequency range.

Set Satellite Setting

You can add/delete/set the satellite you want. This function only works when the programme mode is satellite.

Satellite

Select your desired Satellite.

Programmes

LNB Frequency

Select one value from 9750/10600, 9750/10750, 9750, 10600, 10750, 11300, 5150, MDU1, MDU2, MDU3, MDU4, MDU5. If you select 9750/10600, 9750/10750(MHz), **22kHz Tone** is disabled. If you cannot find the LNB frequency value from the list, select User and manually enter the frequency.

Some models may not be supported.

Transponder

Select the transponder you want to tune.

22kHz Tone

When using 22kHz Tone switch, select 22kHz or 0 Hz. If you use **22kHz Tone**, Unicable and Motor Type are disabled.

LNB Power

To enable the power supply for the LNB, select **On**. If you select **Off, Motor Type** is disabled.

DiSEqC

When using DiSEqC, select one option from A~D/ToneA~B. If you use **DiSEqC**, Unicable and Motor Type are disabled.

Unicable

Select On to use Unicable and set the Unicable in the **Unicable Settings** menu. When Unicable is enabled, **22kHz Tone, DiSEqC, Motor Type** are disabled.

Motor Type

Select Motor Type to use Motor and set the Motor in the Motor Setting menu. When Motor is enabled, 22kHz Tone, DiSEqC, Unicable are disabled.

If you set satellite to others, you must add a transponder using Transponder Edit. When selecting 22kHz Tone and DiSEqC, you must connect them in the same position as displayed on the OSD.

If you delete a Satellite, all programmes stored in the Satellite are deleted.

Set Motor Setting

DiSEqC 1.2 - Control motor to change satellite dish position.

Drive Direction

Select the direction in which you want to move the motor.

Drive Mode

Two modes are available: Step and Continuous.

Step - The motor moves based on the value you enter (from 1 to 128).

Continuous - The motor moves continuously until you press the Stop.

Test Transponder

Select the test Transponder you want to tune.

Set Limit

Set the motor movement to east or west to have the motor move only within the direction set.

On - You can limit the movement to the current direction by selecting the West/East.

Off - You can cancel the limit you set.

Go to 0

You can move the motor to Zero.

USALS

Set your current location (Longitude/Latitude).

How to use Manual Programme tuning

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning (Programme Tuning & Settings)** → **Manual Tuning**

This function is for manually searching and saving programmes. For digital broadcasting, signal strength and signal quality can be checked

Editing transponder

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning & Settings** → **Transponder Edit**

You can add / modify / delete a transponder.

This function only works when the programme mode is satellite. If the System Operator provides 'user home TP edit' feature, it will show the Transponder to Home on the screen. So that you can set the desired Transponder as Home by pressing the Transponder to Home. (This feature is available on certain service provider only.)

Regional programme

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning & Settings** → **Regional Programme**

If you set up the feature, you can view the local programmes provided by the broadcasters. Select a local broadcaster and a region providing local channels in ⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning & Settings** → **Programme Tuning** and complete programme settings to watch programmes in the selected region.

Some models may not be supported. Service providers or regions are subject to change, and the services can be terminated without prior notice

Programme list update

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning & Settings** → **Programme List Update**

It updates the changed Programme List information by based on country broadcasting circumstance and satellite. It updates the Programme List when the TV is turned off. After updates, the Programme List may be changed. If not want, select **Off**. Some models may not be supported.

Signal Test

⚙ → ⓘ → **General** → **Programmes** → **Programme Tuning (Programme Tuning & Settings)** → **Signal Test**

Shows the MUX and Service information etc. Signal test is only available in Antenna or Cable mode. Some models may not be supported.
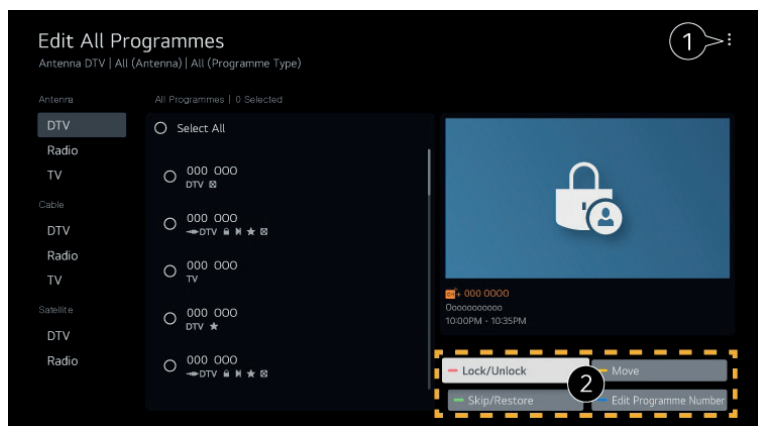
Programmes

Programme manager

Edit Programmes

You can edit the selected programmes from all the stored programmes or add/delete them to/ from the favourite programmes.

Edit All Programmes list

⚙ → ⓘ → **General → Programmes → Programme Manager → Edit All Programmes**

You can lock or unlock the selected programmes from all the stored programmes, or you can set them to be skipped when switching programmes.

1. Set the sorting option.
2. **Lock / Unlock** - Lock the selected programmes or unlock the locked programmes.
   Skip / Restore - Set the selected programmes to be skipped when switching programmes, or disable the skipping option of the programmes previously set to be skipped.
   Move - Move the selected programmes.
   Edit Programme Numbers - Change the numbers of the selected programmes.
   Delete - Delete the selected programmes.

Available features may vary depending on the broadcast signal. For a model that supports satellite programmes, you can manage the satellite programmes in Edit Satellite Programmes (Advanced)

Edit Favourite Programmes list

⚙ → ⓘ → **General** → **Programmes** → **Programme Manager** → **Edit Favourites**

You can add/delete desired programmes to/from the favourite programmes, change their positions, etc.

1. Select the desired programmes from the all programmes list and press the button to add them to the favourite programmes list.
2. Delete the selected programmes from the favourite programmes list.
3. **Move** - Select one or more programmes in the Preferred Programmes list, press the **Move** button, and then select the position to move it to. The selected programmes will move to the position you selected.
   Change Group Name - Change the name of the favourite programmes list.
   Sort by Programme - Sorts the list of favourite programmes by programme.

Multi feed

⚙ → ⓘ → **General** → **Programmes** → **Multi Feed**

You can watch the desired angle on the TV through the broadcast that filmed from various angles. Some models may not be supported.

HbbTV

HbbTV (Hybrid Broadcast Broadband TV) is a new broadcasting standard that enables super-teletext type services, delivered by a broadcast TV programme, to be integrated or linked to online services delivered over broadband to a connected Smart TV. To see the details, click the **Enjoy Live TV** → **HbbTV** in **User Guide**. Some models may not be supported.

CI Information

This function enables you to watch some encrypted services (pay services). To see the details, click the E**njoy Live TV** → **CI Information** in **User Guide**.

Programmes

Save CI password

⚙ → ⓘ → **General** → **Programmes** → **Save CI Password**

Input the Pin Code in **Save CI Password**. You don't need to input the Pin Code after save it. You can see the **Save CI Password** when insert a CI CAM (Conditional Access Module) which is supported Pin Code. If CI CAM has a Pin code, you can see the **Reset CI Password**.

Copy programmes

⚙ → ⓘ → **General** → **Programmes** → **Copy Programmes**

Export your TV's programme list information to a connected USB storage device or Import your TV's programme list information from a connected USB storage device. For Satellite models.

Network

Setting a wired network

⚙ → ⓘ → **General** → **Network** → **Wired Connection (Ethernet)**

If the router connected to the network supports the DHCP feature, connecting the TV and router by wire will automatically connects to the network. If the automatic setup is not supported, you can select Edit to manually set up the network connection.

Setting a wireless network

⚙ → ⓘ → **General** → **Network** → **Wi-Fi Connection**

If you have set the TV up for a wireless network, you can check and connect to the available wireless Internet networks. Select the wireless router to connect. For more detailed settings, select **Other Network Settings**.

Add a hidden wireless network

If you input the name of network directly, you can add a wireless network.

Connect via WPS PBC.

If the wireless router you want to connect to has a Wi-Fi Protected Setup-Push Button Configuration (WPS-PBC) feature, you can easily connect to the wireless router by pressing the WPS-PBC button on the router. Press the wireless router's WPS-PBC button and then press the TV's [Connect] button.

Connect via WPS PIN.

This is a method to connect to an access point using a Wi-Fi Protected Setup-Personal Identification Number (WPS-PIN). Select the access point you want to connect to. Enter the PIN displayed on the access point's Wi-Fi device.

Advanced Wi-Fi Settings

Once you connect to a wireless network, you can view connection information such as detailed IP address information. In addition, you can change the IP address and DNS server address you want to connect to by pressing the **Edit** button.

For more information on how to connect to the network, see **Getting Started with webOS TV Connecting to the Network** in **User Guide**.

Devices

Setting TV

⚙ → ⓘ → **General** → **Devices** → **TV Management**

Home/Store Mode

You can choose between **Home Mode** and **Store Mode**.

To use the TV at home, select **Home Mode**.

Select **Store Mode** only when the TV will be displayed in store. The **Store Mode** provide settings optimised for store display.

Quick Start+

This setting puts your TV in standby mode when it's turned off so it will start up more quickly the next time it's turned on. Set **Quick Start+** to **On**. Some models may not be supported. Turning this option on may increase energy consumption.

TV Information

You can view information including Model, Serial Number, Device Name.

External device

External Device Connections

⚙ → ⓘ → **General** → **Devices** → **External Devices**

You can set to use a smart device connected to the TV to control the TV or manage the connection history. The configurable items differ depending on model.

Connect Bluetooth Controller

You can connect and use devices such as a Bluetooth-enabled keyboard, mouse, or a gamepad with your TV.

Turn on the device, set it to pairing mode, and then click **Connect** on your TV screen. When a device you've connected before is turned on, it automatically connects to your TV. To disconnect the existing connection, click **Disconnect**.

It is recommended that you use a product that has been tested for compatibility with TVs.

Bluetooth Mouse - Logitech M535, Logitech MX Master 2S, Apple Magic Mouse2

Bluetooth Keyboard - Logitech K480, Arteck HB030B, Arteck HB192, Apple Magic Keyboard

Bluetooth Gamepad - Sony Dualshock4, Microsoft Xbox One S Controller, Microsoft Xbox Series X Controller, NVIDIA SHIELD Controller

This feature is available for Bluetooth-enabled models only. Connecting multiple Bluetooth devices may result in poor connection or operation. If the Bluetooth device is too far from the TV, or there are obstacles between them, they may not operate normally. Depending on the peripherals (wireless router, microwave oven, etc.), communication failures may occur.

If the device you selected from **Registered Devices** does not reconnect, **Disconnect** and then reconnect the device. It's differ form devices. For more information on the device you want to connect to, refer to its user guide.

Camera

You can set access permissions to the camera for each app.

Universal Control Settings

If you set up the universal remote control, you can control peripheral devices connected to the TV with the Magic Remote instead of their own remote controls. For more information, see How to **Operate TV → Using Universal Remote Control** in **User Guide**.

TV On With Mobile

If **Turn on via Wi-Fi/Turn on via Wi-Fi(Networked Standby Mode)** or **Turn on via Bluetooth/Turn on via Bluetooth(Networked Standby Mode)** is set to **On**, you can turn on your TV using an application that supports **TV On With Mobile**.

The TV should be connected to a network.

The TV and the device to be used should be connected to the same network.

The **Turn on via Wi-Fi/Turn on via Wi-Fi (Networked Standby Mode)** feature must be used in an app on a smart device that supports the feature.

Turn on via Bluetooth/Turn on via Bluetooth (Networked Standby Mode) is only available on some smart phones.

The TV must be plugged in.

To connect for the first time, make sure the device to be used is ready to connect.
Some models may not be supported.

Delete Connection History

You can delete the connection history of the devices connected to the TV on the wireless network.

HDMI settings

Setting HDMI External Input

⚙ → ⓘ → **General → Devices → HDMI Settings**

You can apply settings to ensure a clear picture and easy control for the HDMI connected devices.

SIMPLINK (HDMI-CEC)

You can conveniently control and use various multimedia devices connected through HDMI with the TV remote control. To see the details, click the **How to Operate TV → Connecting to SIMPLINK (HDMI-CEC)** in **User Guide**.

System

Language

⚙ → ⓘ → **General** → **System** → **Language**

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

Menu Language

You can select one of the menu languages to be displayed on the screen. The language for the speech recognition will be automatically set to the selected language for the menu. The speech recognition is only applied to some models.

Primary Audio Language / Secondary Audio Language

You can choose the language you want when watching a digital broadcasting programme, which includes multiple audio languages. For programmes that do not support multiple languages, the default will be used. Applies to Digital broadcasting.

Keyboard Languages

Select the language to use the on-screen keyboard.

To Set Teletext Language

Sets Teletext language. To see the details, click the **Enjoy Live TV** → **TELETEXT** in **User Guide**. In Digital Mode Only

Location

⚙ → ⓘ → **General** → **System** → **Location**

You can change the location setting of your Smart TV.

Address Setting

You can set the Region and City of your TV.

Broadcast Country

You can set the broadcast country on your TV.

Postcode

This function is used to set the broadcast location of the TV by entering your postcode.

Services Country

If you don't set the Set Automatically, you can select the country manually. You must set the country manually when you are not connected to the network. The configurable items differ depending on model.

Time & timer

⚙ → ⓘ → **General** → **System** → **Time & Timer**

You can check the time or configure related settings.

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.

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Time / Date / Time Zone

You can manually set the time and date if the automatically set current time is incorrect. If you set the time manually with the antenna connected, schedule information, programme guide, etc. may not function correctly.

Custom Time Zone

When select the Custom in Time Zone, Custom Time Zone menu is activated.

Timers

Sleep Timer

Sets the TV to turn off at a specified time. If you do not want to use **Sleep Timer**, select **Off**.

Power On Timer

Set **Power On Timer** to **On**. The TV is turned on and displays the set programme at the set time.

Time - Set the time at which to turn the TV on.

Timer Repeat - Set the day of the week. Set the option to **None** to operate the feature only once.

Input - Set an external input to display when the power is turned on.

Timer Programme - Set a channel to display when the power is turned on. This option can be set only when Input is set to **TV**.

Volume - Set audio volume to use when the power is turned on.

Power Off Timer

Set **Power Off Timer** to **On**. The TV is turned off at the set time.

Time - Set the time at which to turn the TV off.

Timer Repeat - Set the day of the week. Set the option to **None** to operate the feature only once.

Auto Power Off after 4 Hours

If you do not press any button for 4 hours after the TV is turned on by a feature such as **Power On Timer**, the TV will be turned off automatically.

To ensure the TV does not automatically turn off, set **Auto Power Off after 4 Hours** to **Off**.

Some models may not be supported.

To use **Power On Timer/Power Off Timer**, set the time correctly.

Safety

⚙ → ⓘ → **General** → **System** → **Safety**

You can put a lock on TV broadcasts or apps. Set it to **On** to apply the lock.

TV Rating Locks

This function operates according to information from the broadcasting station. Therefore if the signal has incorrect information, this function does not operate. Prevents children from watching certain adult's TV programmes, according to the ratings limit set. Enter a password to watch a blocked programme. Rating differs by country. Supported only in the digital mode. Some models may not be supported.

System

Programme Locks

Blocks the programmes that contain inappropriate contents for children. The programmes can be selected but the screen is blank and the audio is muted. To watch a locked programme, enter the password.

Application Locks

You can lock or unlock the application. The lock function is not immediately available for the currently running application.

Input Locks

You can lock or unlock the Inputs.

Reset Password

Set or change the password for the TV.

The default password is set as "0000".

When France, Norway or Belgium is selected for Country, the password is not "0000" but "1234".

Resetting a lost password

If you lose the password you set, you can reset it as follows:

1. Press the ⚙ button on the remote control.
2. Select ⚙ → ⓘ → **General** → **System** → **Safety**
3. Press ⊞ **(Programmes)** ▲ → ⊞ **(Programmes)** ▲ → ⊞ **(Programmes)** ▼ → ⊞ **(Programmes)** ▲ on the remote control. The master password input window will appear.
4. Enter the numbers "0313" in the master password input window, then press **OK**. The password will be reset.

LG account

You can sign up for LG membership and log in with your email address in **LG Account**. For more information, see **Getting Started with webOS TV Managing Your LG Account** in **User Guide**.

Notifications

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Notifications**

You can view or delete notifications from TV apps and services. For notifications that support shortcuts, you can go directly to that app or website.
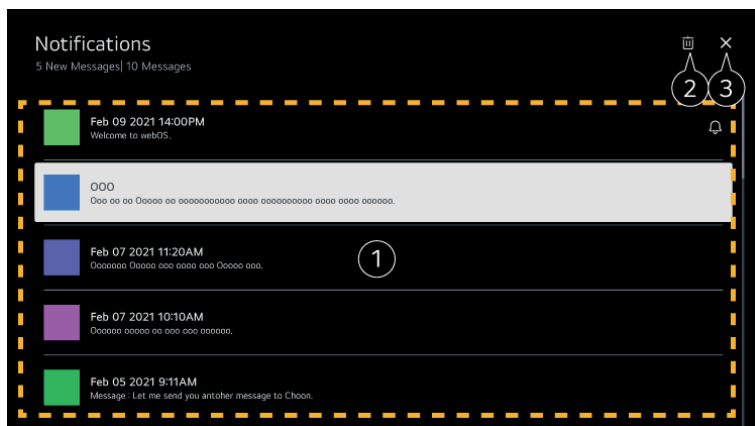
1. You can check the details by selecting the desired item. If it supports shortcuts, you can launch the app.
2. You can delete notifications. Closes the app.
3. To turn off the app from running in the background, press the More Actions button on the remote control and select Quit App.

Home settings

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Home Settings**

Home Auto Launch

You can set Home to launch automatically when turning on the TV.

Home Promotion

You can turn on or off the advertisements on the Home screen. The configurable items differ depending on model.

Standby light

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Standby Light**

You can turn the standby light on or off. Some models may not be supported.

System

Pointer options

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Pointer Options**

You can set the pointer speed and size you want while it is on the screen.

Tracking Speed

Sets the pointer speed.

Pointer Size

Selects the pointer size.

Advertisement

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Advertisement**

If your TV is connected to the Internet, webOS may use a frequency capping cookie to keep track of the number of times an ad is shown on your TV. This information is used to help limit the number of times the same ad is displayed. You can clear this cookie or turn it on or off at any time by going to the **Advertisement** setting on your TV. No personally identifiable information is tied to this cookie.

Limit AD Tracking

If set to **On**, personalised advertisements based on user interests may not be provided.

Reset AD ID

User interest information is newly collected, and advertisements are provided according to the information. Some models may not be supported

Live Plus

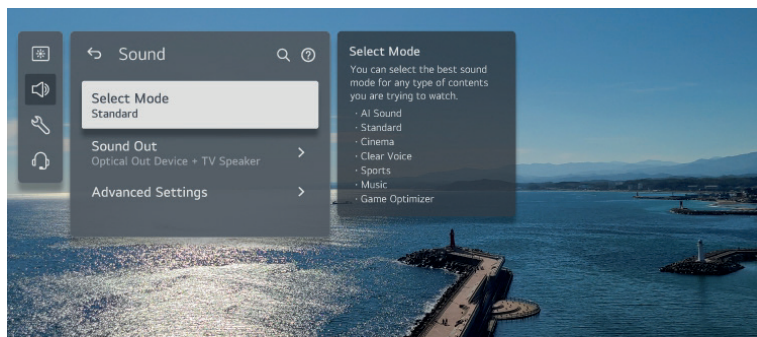**Live Plus** is a service that provides various information on the programme you watch. To see the details, click the **Making the Most of Smart TV** → **Live Plus** in **User Guide**. Some models may not be supported.

Settings help

⚙ → ⓘ → **General** → **System** → **Additional Settings** → **Settings Help**

When set to On, you can get help for the selected items when navigating through the Settings menu

Set ID

⚙ → ⓘ → **General → System → Additional Settings → Set ID**

You can set a number (ID) to manage multiple TVs. This feature is for administrators. It is not recommended for use in a typical home environment.

Restoring the Default Settings

⚙ → ⓘ → **General → System → Reset to Initial Settings**

Return TV to its initial settings. After reset, the TV will automatically turn off and on.

Reset All

All items on the TV are changed to their default settings.

Reset all except network settings

All items except the network settings are changed to their default settings. If **Safety** is set to **On**, you should type the password to **Reset to Initial Settings**. Do not turn off the power during initialisation. We recommend that you reset the TV to **Reset to Initial Settings** before you sell it or transfer it to a third party.

Energy saving

Energy saving

To Use Energy Saving Feature

⚙ → ⓘ → **General** → **Energy Saving**

Reduces power consumption by adjusting screen brightness.

Energy Saving Step

Off -: Turns off the Energy Saving Step.

Minimum / Medium / Maximum - Use the power saving feature according to **Energy Saving Step** set on TV.

Auto Power Off

When the TV is on, it turns off automatically if you do not press any button within the set period of time. Some models may not be supported.

Screen Off

Screen is turned off and only sound is played. Press any button except the power and the volume buttons to turn the screen back on. If you use **Energy Saving Step** function, brightness of your TV will be affected.

Accessibility

Audio guidance

⚙ → ⓘ → **General** → **Accessibility** → **Audio Guidance**

If Audio Guidance is set to On, audio guides will be provided in various situations, such as when you change programmes, adjust the volume or change settings and input signals.

Speed

Adjust the speed of spoken guide.

Volume

Adjust the volume of spoken guide.

Pitch

Adjust the tone of spoken guide.

This feature is available on certain languages only. Some models may not be supported. The configurable items differ depending on model.

For visually impaired users. Setting the **Audio Guidance** to **On** automatically switches the **TV Power Sound** (only available on certain models) to **On** as well.

High contrast

⚙ → ⓘ → **General** → **Accessibility** → **High Contrast**

When this feature is set to On, it adjusts the background of some of the menus on the screen and font colours to highlight the contrast between the light and dark areas.

Accessibility

Greyscale

⚙ → ⓘ → **General → Accessibility → Greyscale**

Change the colour of the menu on the screen to black and white tone to make its ambiguity very clear. Set to **On**.

Invert colours

⚙ → ⓘ → **General → Accessibility → Invert Colours**

To enhance the visibility of the menus on the screen, you can invert and calibrate certain colours in some menus. Set to **On**.

Set subtitle

⚙ → ⓘ → **General → Accessibility → Subtitles**

View subtitles when the TV station provides subtitled programming. Change **Subtitles** to **On** and select subtitle setting. Some models may not be supported. Applies to Digital broadcasting.

Audio description

⚙ → ⓘ → **General → Accessibility → Audio Description**

The contents on the screen will be described with voice for visually impaired viewers. You can use this function if the broadcasting company supports **Audio Description** for the visually impaired. Some models may not be supported.

Audio type

⚙ → ⓘ → **General → Accessibility → Audio Type**

Audio commentary or subtitles are provided for those who are hard of hearing or visually impaired.

Normal

Selects default Audio.

Audio Description

For the visually impaired Selects the preferred default Audio combined with Visual Impaired Audio.

Spoken Subtitle

For the visually impaired, selects the preferred Visual Impaired Audio only.

Any Supplementary Audio

Displays all supplementary audio. Some models may not be supported.

Hard of hearing

1. Press the ⚙ button on the remote control.
2. Select ⓘ → **General → Accessibility**
3. Set **Subtitles** to **On**.
4. Set **Hard of Hearing** to **On**.

A caption will be provided for the hearing-impaired. When the **Hard of Hearing** is turned **On**, it will be prioritised over the general captions. Some models may not be supported.

Support

Software update

⚙ → ⓘ → **Support** → **Software Update**

Uses software update to check and obtain the latest version.

Auto update

When it is set to On, updates are automatically made without a separate confirmation procedure except for some important updates.

Check for updates

When checking for the latest update version, you can only perform updates if an update file of a later version is available. The TV automatically checks your software version but, if necessary, you can perform a manual check.

The configurable items differ depending on model.

The latest version can be obtained via digital broadcast signals or internet connections. Changing the programme while downloading the software via digital broadcast signal interrupts the download process. Returning to the initial programme allows downloading to resume.

If software is not updated, certain functions may not work properly.

In some countries, **Auto Update** is not displayed if you are not connected to the Internet.

Your device will have to occasionally download and install software updates in order to maintain optimal functionality. While the software is updated the screen of your.

Privacy & Terms

⚙ → ⓘ → **Settings icon** → **Support Privacy & Terms**

User agreements

These are the terms and conditions related to use of the Smart TV service and protection of privacy.

Legal notice

It's a legal notice for services provided via TV.

Open Source Software notice

You can view the instructions for each item.

Troubleshooting

If the product is not working properly, please check the following troubleshooting solutions before you contact customer service:

Challenge	Possible solution
Will not power up	Make sure to check that the AC power cable is connected to an outlet and the display. • Make sure that the power outlet is receiving power. • Try pressing **POWER** button on the display to make sure the problem is not the remote. • If the display turns on, refer to "Remote Control Not Working" troubleshooting.
Remote control not working	Make sure that there are working batteries in the remote and in the correct polarity. • Make sure there are no obstacles in between the IR receiver and the remote. • Try pointing the remote directly at the display from 5 feet away.
Signal issue	• Check cable connections to ensure they are connected. • Plug the video source directly into the display which will remove any potential issues associated with an extender or matrix switch device. (if applicable). • Replace cables with known working cables. • Make sure the connected devices are powered on. • Make sure that the source is on the correct input. • Power cycle the video source device by unplugging the device and plugging the device back in.
No sound	**Built in speakers** • Make sure the display is not on MUTE / turn up the volume. • Ensure TV Speakers are selected from the Audio selection menu. **Soundbar** • Make sure your cables are connected properly. • Make sure the display is not on **MUTE** / turn up the volume. • Make sure the soundbar is connected to the power supply. **External Sound System** • Make sure your cables are connected properly. • Make sure the display is not on **MUTE** / turn up the volume. • Make sure the Digital Audio Settings within the display is not set to **OFF**. • Test the external sound system with another device to ensure that it is working.

Troubleshooting

Challenge	Possible solution
Picture is cut off with sidebar screen	• Are screen mode adjustments such as picture size made correctly? See page 30 in this document.
Strange colour, light colour, or colour misalignment	• Adjust the picture tone. See pages X to X in this document. • Is the environment too bright or too dark? The picture may look different depending on outside lighting conditions.
Power is suddenly turned off.	• Check if the sleep timer is activated. Using your TV remote, navigate to Menu > System > Time > Sleep Timer, and then select the amount of time you would like the TV to stay on. • Check the power control settings. See page X in this document. • The unit's internal temperature may have increased above the allowable range. Remove any objects blocking the vent or clean the vents.

NOTE

Thank you for purchasing a ProofVision TV. Our products have been designed with over 10 years of engineering excellence and are designed of the highest quality standard in the Waterproof electronics industry.

Should you encounter any problems that cannot be easily addressed within this instruction manual, please feel free to contact us on:

Call us on **+44 (0) 203 4111 693**

Email us on **technical@proofvision.co.uk**

Or scan the QR code for more information

WEEE Compliance Scheme

Worldwisetrading Ltd is a producer of Electrical and Electronic Equipment (EEE) and is therefore obligated under the Waste Electrical and Electronic Equipment (WEEE) Regulations. We are fully compliant with all responsibilities as a registered member of UK government approved WEEE Compliance Scheme, Comply Direct. Our WEEE producer registration number is WEE/CF2743YR.

We have formally documented policies relating to the WEEE Regulations and we review our processes on a formalised and regular basis to ensure we remain fully compliant.

The UK WEEE Regulations were first introduced in 2007 with the aim of reducing the amount of EEE ending up in landfill. As per the requirements of the Regulations, we finance the recovery and recycling of WEEE when it reaches the end of its life and ensure our EEE products are marked accordingly with a crossed out wheeled bin symbol and a date mark. We also provide information on reuse and environmentally sound treatment of the products.

PSTI statement

Product Name: ProofVision Lifestyle Plus MX Smart Semi-shade Outdoor TV – webOS Hub 2.0

Model Numbers : PVO55SDMW
PVO65SDMW
PVO75SDMW

Name and address of the Manufacturer :   Worldwisetrading Ltd T/A ProofVision
Unit 1, Rear of Avad House, Belvue Road,
Northolt, UB5 5HY
United Kingdom

This statement of compliance is prepared on behalf of the manufacturer of the product and is a declaration that the product referenced above complies with the applicable security requirements in Schedule 1.

- The vulnerability disclosure policy for the product can be found at www.lgsecurity.lge.com
- A security vulnerability that affects the product can be reported via email at product.security@lge.com
- The security update period for the product is 5 years from the webOS Hub 2.0 launch date. The product is supported until 31/12/2026

The signature, name and function of the signatory:

William Uttley

William Uttley, Managing Director

The place and date of issue : United Kingdom, 19/01/2024

ProofVision

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