



...leaves you with a smile

webOS TV

User's Manual



BTF-50W
BTF-55W
BTF-65W
BTF-75W
BTF-85W
BTF-100W

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SPECIFICATIONS

Aspect Ratio	16 : 9
System	PAL/SECAM BG/DK/I, DVB-T/C+T2, DVB-S/S2(Optional)
Base impedance	75 Ω (Unbalance)
Receiving TV Band	All Channels Receiveable
AC Supply Voltage	100-240V~ 50/60Hz

Note: Part of the design and the specification may be changed without prior notice.

INFRA-RED REMOTE CONTROL

Features: Full function remote control

Effective Distance Power: 8 metres

Power Supply: DC 3V (Two batteries size AA, recommend use alkaline type batteries)



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SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING

- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT USE AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE TO PREVENT BLADE EXPOSURE.
- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

 This lightning flash with arrowhead symbol in an equilateral triangle alerts users to the presence of uninsulated dangerous voltage within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock.	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN Warning: To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.	 The exclamation mark within an equilateral triangle alerts users to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
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This appliance should not be exposed to water and no object filled with liquid such as a vase should be placed on the unit.

CAUTION

- Danger of explosion if batteries are incorrectly replaced.
- Replace with only equivalent type of battery.
- Do not expose battery to direct sunlight or any other source of heat.
- Ensure proper disposal of used batteries.
- Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- To reduce the risk of electric shock, do not perform any servicing other than what is mentioned in the operating manual.
- There are no user-serviceable parts inside the TV; do not open the TV casing.

IMPORTANT INFORMATION

If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television to a suitable support.
- Not standing the televisions on cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.



Safe installation

Use the belt fixing the television to facilitate restraining the television from toping forward.



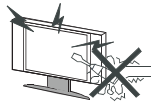
SAFETY INSTRUCTIONS

1. **Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.
2. **Retain Instructions** - The safety and operating instructions should be retained for future reference.
3. **Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
4. **Follow Instructions** - All operating instructions should be followed.



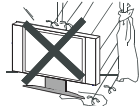
5. **Water and Moisture** - The appliance should not be used near water.
6. **Cart and Stands** - The appliance should only be used with a cart or stand that is recommended by the manufacturer.
7. **Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. **Ventilation** - The appliance should be well situated so that its location or position does not interfere with its proper ventilation.
9. **Heat** - This appliance should be placed away from heat sources such as radiators, heat registers and stoves.
10. **Power Sources** - The appliance should only be connected to a power supply as described in the operating instructions or as marked on the appliance.
11. **Grounding or Polarization** - Precautions should be taken.
12. **Power Cord Protection** - Power supply cord should be routed so that it is not likely to be walked on, pinched by items placed upon it against the cord and its end.
13. **Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.
14. **Power Line** - An outdoor antenna should be located away from power lines.
15. **Outdoor Antenna Grounding** - If an outside antenna is connected to the receiver, the antenna system must be grounded so as to provide against voltages and built-up static charges.
16. **Non-use Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
17. **Object and Liquid Entry** - Care should be taken so that objects did not fall, and liquids are not spilled into the enclosure through openings.
18. **Conditions requiring Service** - The appliance should be serviced by qualified service personnel when:
 - The power-supply cord or the plug has been damaged.
 - Objects have fallen on or liquid has been spilled into the appliance.
 - The appliance has been exposed to rain.
 - The appliance does not appear to operate normally or exhibits a marked change in performance.
19. The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, table-cloths, curtains, etc.
No naked flame sources, such as lighted candles, should be placed on the apparatus.
The apparatus shall be connected to mains socket outlet with a protective earthing connection.
The appliance coupler regard as disconnection device, the disconnect device shall remain readily operable.
20. The equipment may be used in tropical and moderate climates.

SAFETY INSTRUCTIONS



Warning

High voltages are used in the operating of this product. Do not remove the back cover of the cabinet. Refer servicing to qualified service personnel.



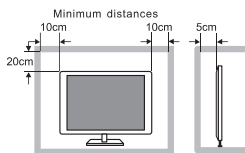
Warning

To prevent fire or electrical shock hazard, do not expose the main unit to rain or moisture.



Warning

Do not drop or push objects into television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Caution

If the television is to be built into a compartment or similarly enclosed, the minimum distances must be maintained.

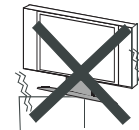
Heat built up can reduce the service life of your television, and can also be dangerous.



Caution

Never stand on, lean on, push suddenly the product or its stand.

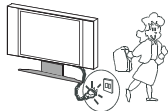
You should pay special attention to children.



Caution

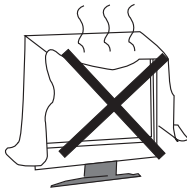
Do not place the main unit on an unstable cart stand, shelf or table.

Serious injury to an individual, and damage to the television, may result should it fall.



Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Caution

Avoid exposing the main unit to direct sunlight and other sources of heat. Do not position television receiver directly on other products which give off heat. E.g. Video cassette players, audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent electrical failure. Do not squash power supply cord under the main unit.



Caution

The panel used in this product is made of glass. It can break when the product is dropped or applied with force. Individuals should exercise caution when dealing with broken glass should the panel break.



DESCRIPTION OF CONTROL KEYS & CONNECTORS

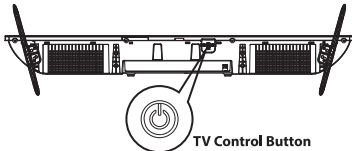
CONTROL KEYS:

BUTTON NAME	BUTTON ICON TYPE					BUTTON INSTRUCTION
	1	2	3	4	5	
SOURCE BUTTON	SOURCE			INPUT	INPUT	To display source menu.
MENU BUTTON	MENU			MENU	MENU	To select menu.
VOLUME UP BUTTON	VOL+				VOL+	To increase the sound volume level
VOLUME DOWN BUTTON	VOL-				VOL-	To decrease the sound volume level
PROGRAM UP BUTTON	CH+				CH+	To select the next higher programme number.
PROGRAM DOWN BUTTON	CH-				CH-	To select the next lower programme number.
STANDBY BUTTON	POWER			STANDBY	STANDBY	Switch ON/OFF the TV when at standby mode.

NOTE:

1. All these control buttons designs are common use for our TV models, and please refer to that under your real product.
2. This control keys quantity can be different according to models, and please refer to your real product in hand.

TV Control Button



TV Control Button

Note: The pictures are only for reference.



Single Key Model

1. One-key function (Optional)

Switch On/Off the TV when at standby mode.

2. One-key to seven-key function(Optional)

Turn on the TV

In standby mode, short press TV button to turn on the TV.

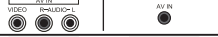
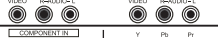
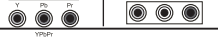
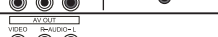
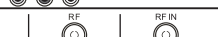
■ Soft keyboard function

After turning on the TV, short press TV button to call out the following soft keyboard. Short press TV button to select the item you want. Long press TV button to enter or execute the item you have selected.

Soft Keyboard		
Icon	Name	Function
	Channel Up/Down	Change to the next or previous channel in TV mode. Move up or down to select the item you want in menu settings.
	Volume Up/Down	Decrease or increase the sound volume. Move left or right to select the item you want in menu settings.
	Menu	Access the main menu settings.
	Source	Access the list of input sources.
	Power Off	Turn the TV to standby mode.

DESCRIPTION OF CONTROL KEYS & CONNECTORS

CONNECTORS:

PORT NAME	PORTS ICON TYPE	PORT INSTRUCTION
AV IN	1 	AV input port
	2 	
	3 	
	4 	
COMPONENT IN	1 	YPbPr signal input port
	2 	
AV OUT	1 	AV output port
	2 	
TERMINAL ANTENNA (75 OHM)	  	TV signal input port
TERMINAL ANTENNA (75 OHM)		Satellite signal input port
VIDEO OUT		Video output port
OPTICAL OUT		Optical output port
COAXIAL OUT		Coaxial output port
AUDIO OUT		Audio output port
LINE OUT		Audio output port
EARPHONE OUT	 	Earphone output port
VGA IN	 	RGB signal input port
VGA AUDIO IN	 	VGA audio input port
HDMI IN	  	HDMI signal input port
USB IN	1 	USB input port
	2    	
SCART		SCART signal input port
RJ45 IN		RJ45 input port
TF IN	 	TF card input port
PCMCIA(CI/CI+) IN	  	PCMCIA(CI/CI+) card input port
DC IN		DC +12V input port
AUDIO IN		Audio input port

NOTE:

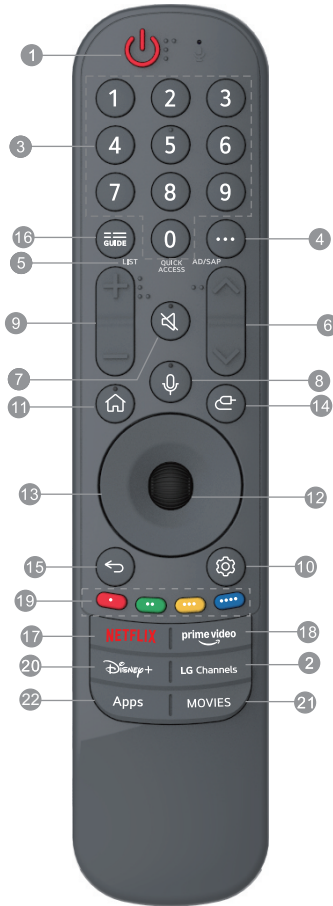
1. All these terminal connection icons are commonly used for our TV models, and please select designated ports.
2. This connection ports quantity can be different according to models, and please refer to your actual product.

OPERATION OF REMOTE CONTROL

Note:

1). The picture is only for reference.

2). The image, buttons and functions of remote control may vary depending on the region or model.



1. TV Power (): Turn on/off the TV.

2. LG Channels: Pressing this button will directly open the LG Channels app.

3. Number Buttons (0~9):

Short press number buttons to select the channel directly, or input a number.

Long press "0" button to display the QUICK ACCESS edit screen.

4. AD/SAP/... :

Short press to display additional buttons on the remote control.

Long press to turn on the audio description function to read out content of the screen loudly, or set the multiplex voice. (Some models may not be supported.)

5. -/ : Check the saved channel list, or input a hyphen within the channel no. to select more channels within the same frequency like channel 14-2.

6. Channel Up/Down (): Switch channels.

7. MUTE (): Mute or restore the TV sound.

8. VOICE (): Activate the voice recognition function.

9. Volume Up/Down (): Adjust the sound volume.

10. SETTING (): Access the menu of quick settings.

11. HOME (): Access the home page.

12. WHEEL: Press to confirm, enter or execute the selected item, or scroll up/down to switch channels.

13. Navigation Buttons ():

Navigate the menu to select the content you need.

14. SOURCE (): Select the input source.

15. BACK: Return to upper-level content, or exit the current screen.

16. GUIDE: Access the EPG interface in DTV mode.

17 & 18. Application Buttons: Access specific applications directly and quickly.

19. Color Buttons (Red/Green/Yellow/Blue):

Execute the prompt function in specific mode.

20. Application Buttons: Access specific applications directly and quickly.

21. MOVIES: Movies call.

22. Apps: Open the APP store.

BATTERY INSTALLATION OF REMOTE CONTROL UNIT

1. Remove the battery compartment cover.

2. Insert two 'AA' 1.5V batteries. Make sure the polarity (+ or -) of the batteries matches the polarity marks inside the unit.

3. Close the battery compartment cover.

Note: Replace with new batteries when the TV set begins to show the following symptoms. Operation is unsteady or the TV set dose not function properly with the remote control unit.

OPERATION OF FUNCTION MENU

Note: The pictures on this manual are only examples and the actual products shall prevail.

Home

When finish First Time set up, you can enter HOME screen.



Note: The pictures are for reference only.

Guide

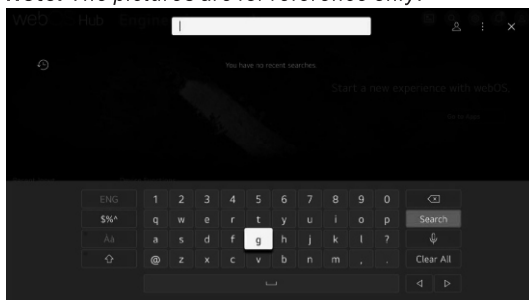
Press GUIDE button to select Guide.
Press OK button to enter.



Note: The pictures are for reference only.

Search

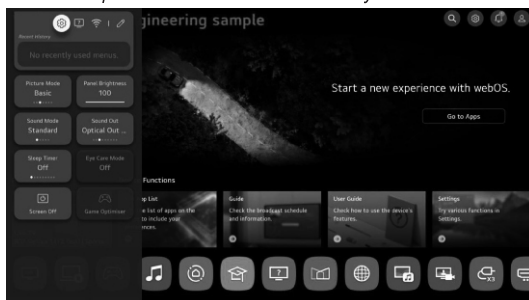
Press [▼] / [▲] / [◀] / [▶] button to select , Press OK button to enter.
In this interface, you can search by manually entering the search content.



Note: The pictures are for reference only.

Settings

Press [▼] / [▲] / [◀] / [▶] button to select , Press OK button to enter.



Note: The pictures are for reference only.

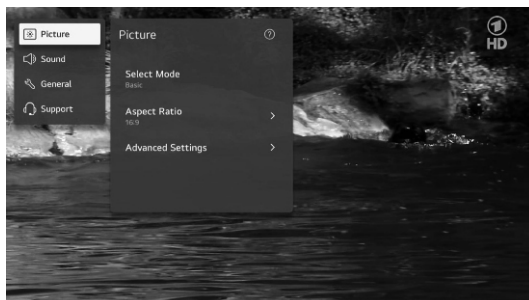
OPERATION OF FUNCTION MENU

All Setting

Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select , Press OK button to enter.

Picture

Press **【▼】 / 【▲】** button to select Picture, and press OK button or **【▶】** button to enter.



Note: The pictures are for reference only.

Select Mode

Select the appropriate picture mode according to the viewing environment or content type. Press **【▼】 / 【▲】** button to select Select Mode, and press OK button to enter. (Option: Vivid/Standard/Basic/Cinema/Football/Game Optimiser/FILMMAKER MODE)

Vivid	Sharpens the image by increasing the contrast, brightness and sharpness.
Standard	This mode to make users experience high-quality images under normal light.
Basic	Provide the most basic and universal display effect.
Cinema	This mode is more suitable for watching movies.
Football	This mode is more suitable for watching sport video.
Game Optimiser	Reduce latency and improve fluency by adjusting graphics and performance parameters.
FILMMAKER MODE	Keeping with the filmmakers' intentions in TV, it respects frame rate, aspect ratio, color, and contrast, while also turning off noise reduction and sharpening

Aspect Ratio

Press **【▼】 / 【▲】** button to select Select Mode, and press OK button to enter.

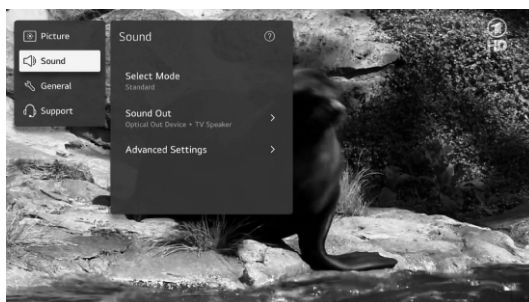
Advanced Settings

Adjust TV screen details.

Press **【▼】 / 【▲】** button to select Advanced Settings, and press OK button to enter.

Sound

Press **【▼】 / 【▲】** button to select Sound, and press OK button or **【▶】** button to enter.



Note: The pictures are for reference only.

Select Mode

Press **【▼】 / 【▲】** button to select Select Mode, and press OK button to enter.

Standard	A balanced sound in any environment.
----------	--------------------------------------

Standard	A balanced sound in any environment.
----------	--------------------------------------

Cinema Adds in more bass and treble to give a much bolder sound.

Clear Voice	Increase the volume of the human voice, and reduce the background music, environmental sounds.
-------------	--

Football	Increase the volume of the human voice, enhance the volume of cheers and ambient sounds.
----------	--

Music	balance of levels, adding bass and treble as it is optimized for music.
-------	---

Select the speaker or audio device to play the TV sound from.

Press **【▼】 / 【▲】** button to select Sound Out, and press OK button to enter.

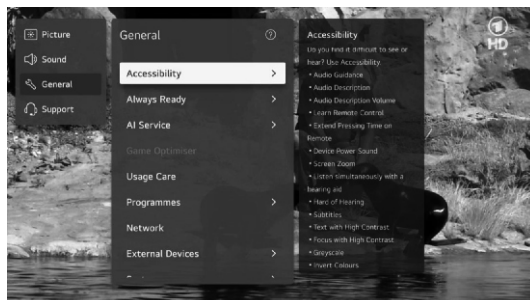
Adjust TV sound details.

Press **▼** / **▲** button to select Advanced Settings, and press OK button to enter.

Press **【▼】 / 【▲】** button to select

General, and press OK button or

【▶】 button to enter.



Note: The pictures are for reference only.

Press **▼** / **▲** button to select Genera, and press OK button to enter.

Always Ready

When this device is turned off, it switches to Always Ready to provide optimised wallpaper, voice recognition and mobile device music playback. The wallpaper is only available when powered off with the Magic/Simple Remote.

Press **▼** / **▲** button to select Always Ready, and press OK button to enter.

Set detailed options for the AI functions.

Press **▼** / **▲** button to select AI Service, and press OK button to enter.

Press OK button to enter AI Recommendation.

Set up various features to enjoy the game more realistically. This feature is available when the HDMI input is in full screen

Make your viewing habits safer and healthier.

Press OK button to enter.

OPERATION OF FUNCTION MENU

Programmes

Set up and manage settings related broadcast programmes.
Press OK button to enter.

Network

set settings related to your wire /wireless network.
Press [▼] / [▲] button to select Network, and Press OK button to enter.

External Devices

Configure various external devices that can be used by connecting to the TV. You can also delete the connection history between external devices and the TV.
Press [▼] / [▲] button to select External Devices, and Press OK button to enter.

System

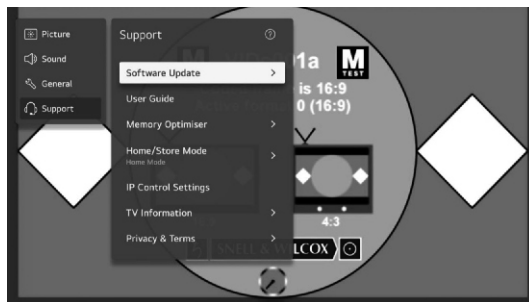
Press [▼] / [▲] button to select System, and Press OK button to enter.

Energy Saving

Adjusts the brightness of the screen or set it to turn off automatically to reduce power consumption.
Press [▼] / [▲] button to select Energy Saving, and Press OK button to enter.

Support

Press [▼] / [▲] button to select Support, and press OK button or [▶] button to enter.



Note: The pictures are for reference only.

Software Update

Update to the latest software.
Press [▼] / [▲] button to select Software Update, and Press OK button or [▶] button to enter.

User Guide

Check descriptions for each webOS Hub functions.
Press [▼] / [▲] button to select User Guide, and Press OK button to enter.

Memory Optimiser

This function optimises TV status by deleting unused apps or unnecessary memories.
Press [▼] / [▲] button to select Memory Optimiser, and Press OK button to enter.

Home/Store Mode

Select the place where to use the TV.
Press [▼] / [▲] button to select Home/Store Mode, and Press OK button to enter.

IP Control Settings

An IP control device can be used to control the TV connected to the network.
Press [▼] / [▲] button to select IP Control Settings, and Press OK button to enter.

TV Information

Check TV information.
Press [▼] / [▲] button to select TV Information, and Press OK button to enter.

OPERATION OF FUNCTION MENU

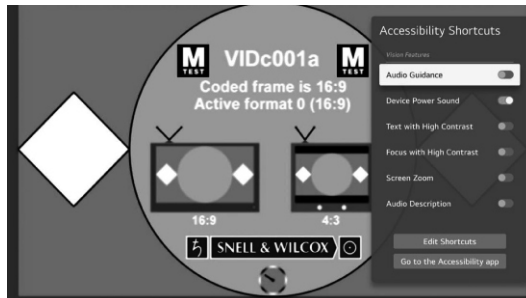
Privacy & Terms

Check the Terms and Conditions and Legal information.

Press **【▼】 / 【▲】** button to select Privacy & Terms, and Press **OK** button to enter.

Accessibility

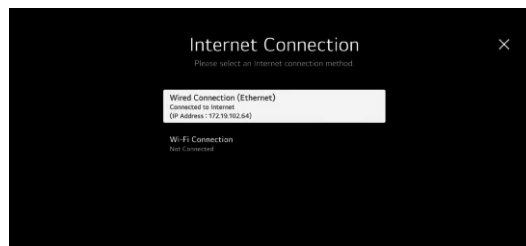
Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select , Press **OK** button to enter.



Note: The pictures are for reference only.

Internet

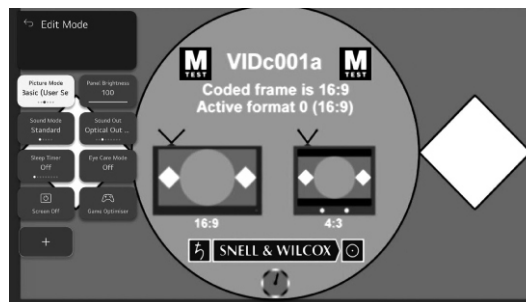
Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select , Press **OK** button to enter.



Note: The pictures are for reference only.

Edit Mode

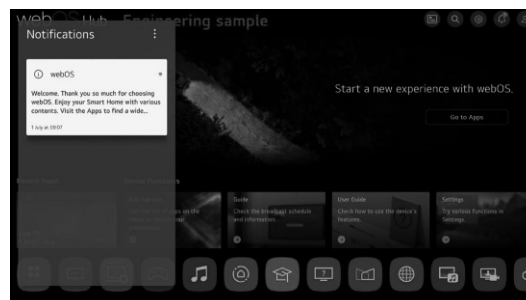
Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select , Press **OK** button to enter.
Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select mode, Press **OK** button to edit.



Note: The pictures are for reference only.

Notifications

Press **【▼】 / 【▲】 / 【◀】 / 【▶】** button to select , Press **OK** button to enter.

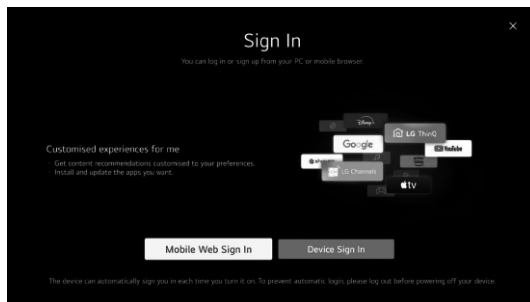


Note: The pictures are for reference only.

OPERATION OF FUNCTION MENU

Account

Press [▼] / [▲] / [◀] / [▶] button to select , Press OK button to enter.



Note: The pictures are for reference only.

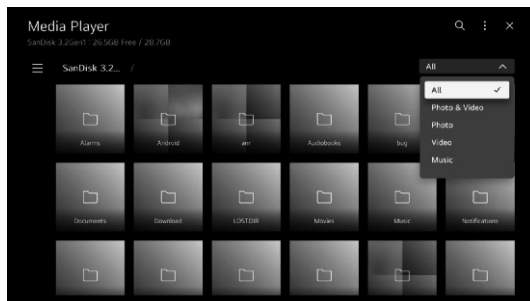
Media

Press [▼] / [▲] / [◀] / [▶] button to select Multimedia on the Home page, press OK button enter the Media Center.

Press [▼] / [▲] button to select ALL/Photo&Video/Photo/Video/Music.

Press [▼] / [▲] / [◀] / [▶] button to select a folder, press OK button to enter.

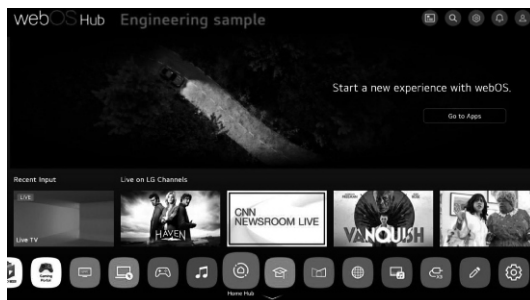
Press [▼] / [▲] / [◀] / [▶] button select the file, press OK button to open.



Note: The pictures are for reference only.

Home Hub

Press [▼] / [▲] / [◀] / [▶] button to select Home Hub, Press OK button to enter.



Note: The pictures are for reference only.

OPERATION OF FUNCTION MENU

Airplay

Select this television or streaming device on your Apple devices, and you can wirelessly share content from your iPhone, iPad, or Mac. Connection operation instruction :

1、 Make sure your devices are on the same Wi-Fi or Ethernet network. Open Control Center and Choose Screen Mirroring to Select this television or streaming device.



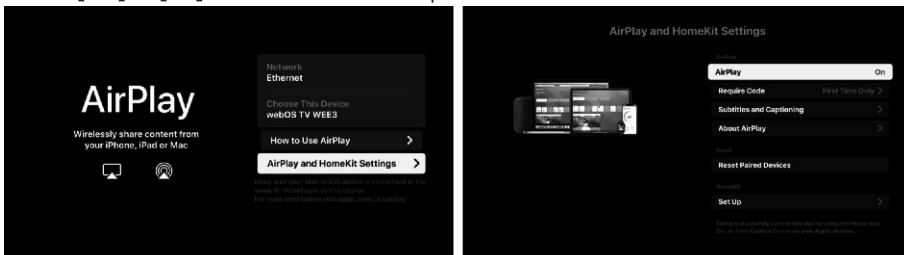
Note: The pictures are for reference only.

2、 Make sure your devices are on the same Wi-Fi or Ethernet network. From your video or audio player, tap the AirPlay icon to Select this television or streaming device.



Note: The pictures are for reference only.

3、 You can also scan the QR to add this device to HomeKit, and you can easily and securely control this device using the Home app on your Apple devices. Press 【▼】 / 【▲】 button to select Airplay and HomeKit Settings, and press the OK key to enter the sub-menu. Press 【▼】 / 【▲】 button to select Set Up.



Note: The pictures are for reference only.

TROUBLE SHOOTING GUIDE

Many apparent malfunctions are caused slight misadjustments of the regular controls of your unit or equally simple causes. If any difficulty arises through normal use of your unit, check the list of common problems in the list below.

If the problem persists, unplug your unit and contact your dealer.

SYMPTOM	METHODS OF CHECKING OR ADJUSTING
No picture or sound	Check the AC plug is in the socket. Check house circuit breaker is in the ON position.
Picture normal but no sound	Check that the volume is not at its minimum setting or on MUTE.
Remote control not working	Check that TV set power is ON. Check batteries are operational and inserted correctly. Make sure infrared receiving window on TV is not exposed to strong lighting or blocked in any way.
Cannot receive any TV signal	Ensure SOURCE switch is set to TV. Check aerial location and connection. Re-check your tuning method.
No program signals output from external source	Check SOURCE button to make sure it is in the correct position for reception.
Contrast and brightness problems	Make necessary adjustments to relevant settings.
Intermittent poor contrast and colour fading on all channels	Check aerial positioning
Dotted lines or stripes appear on screen	There may be Interference from another electrical product. Move appliance if it persists.
Snow on screen	Check aerial for broken circuit, loose connection or any visible damage.
Double images or 'ghosting'	Check aerial location and direction - strong winds may cause it to move. Also check whether mountains or tall buildings may be the problem. Minor adjustment of the direction of your antenna should keep the ghosting to a minimum.

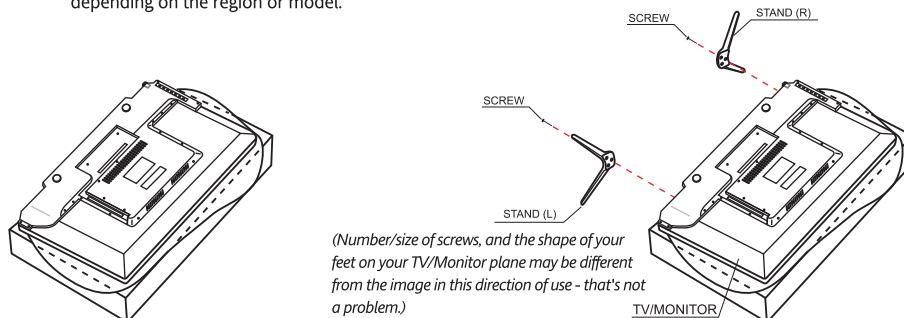
Note: External rooftop/antenna adjustment should be left to a suitably qualified person.

STAND INSTALLATION

Step 1: Take out the TV/Monitor and carefully put it (screen downward) on a stable and flat table with a soft cloth or cushion on it.

Step 2: Please check to make sure there are the same mark (L/R) on the TV/Monitor back and the correct stand. This step is not available for the stands without any mark on it, or not available for the TV/Monitor with one stand only.

Step 3: Fix the stands to the TV/Monitor by fastening the matching screws provided in the box. The stand may vary depending on the region or model.



After-sale Service

In case any problem mostly like a fault occurs while your using LED TV ,please contact the store where you purchased this unit or the service agency.

Environment Friendly Disposal



*You can help protect the environment!
Please remember to respect the local regulations:
Hand in the non-working electrical equipment to
an appropriate waste disposal center*

BRUHM products are intended for household use only

BRUHM has policy of continuous improvement in product quality and design. The company, therefore reserves the right to change the specification of its model at any time