

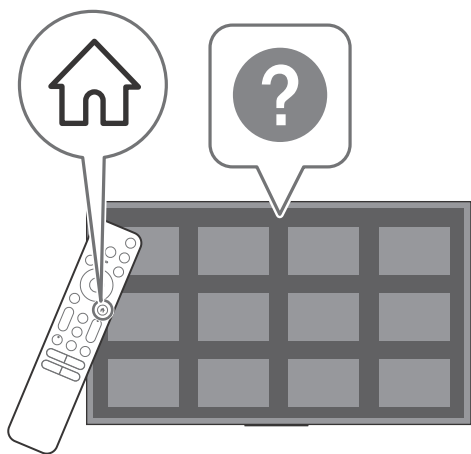
SONY®

5-037-708-11(1)



Television

Reference Guide



BRAVIA XR

XR-77A80K / 65A80K / 55A80K

About Manuals

This TV comes with the following manuals. Please retain the manuals for future reference.

Setup Guide

- TV installation and setup.

An illustration of a white folder with a black arrow pointing into it from the right. To the right of the folder is a document icon with the word 'SONY' at the top and two small circles below it.

Reference Guide (this manual) / Safety Documentation

- Safety information, remote control, troubleshooting, wall-mount installation, specification, etc.

An illustration of a white document with the word 'SONY' at the top and two horizontal lines below it.

Help Guide (On screen Manual)

- Settings, functions, Internet connection, troubleshooting, etc.
- To open it, press  (Input select) on the remote control and select [Help]. If [Help] does not exist, select [Edit] and add [Help].

- You can refer to the Help Guide with your smartphone.

A square QR code with a black and white pixelated pattern.

https://rd1.sony.net/help/tv/jga1/h_ga/

IMPORTANT - Read the End User Software Licence Agreement before using your Sony product. Using your product indicates your acceptance of the End User Software Licence Agreement. The software licence agreement between you and Sony is available online at Sony website (<https://www.sony.net/tv-software-licenses/>) or on your product screen. Press  (Quick Settings) on the remote control and select [Settings] → [System] → [About] → [Legal information] → [Notices and licences].

Note

- Before operating the TV, please read the “Safety Information”.
 - Read the supplied safety documentation for additional safety information.
 - Instructions about “Installing the TV to the Wall” are included within this TV’s instruction manual.
 - Images and illustrations used in the Setup Guide and this manual are for reference only and may differ from the actual product.
 - Setting menus are subject to change without notice due to software updates.
- For latest information, visit Sony support website.

Location of the identification label

Labels for the TV Model No. and Power Supply rating are located on the rear of the TV.

Safety Information

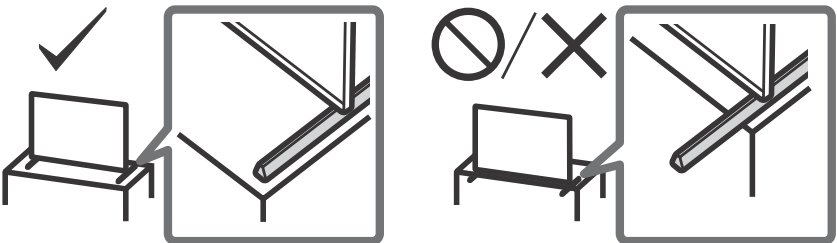
Installation/Set-up

Install and use the TV set in accordance with the instructions below in order to avoid any risk of fire, electric shock or damage and/or injuries.

Installation

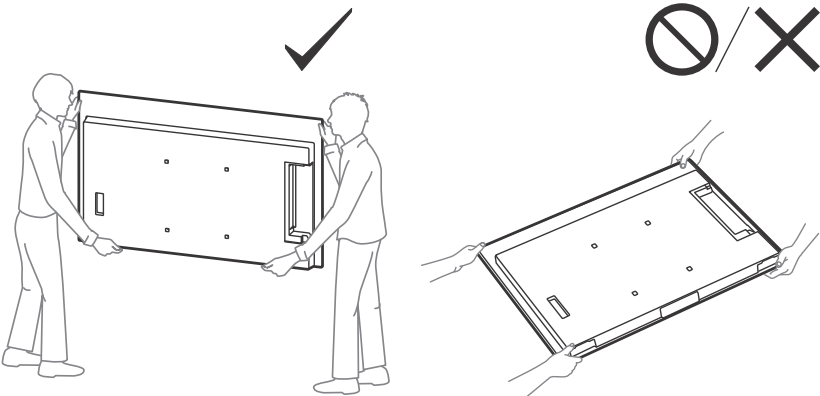
- The TV set should be installed near an easily accessible AC power outlet (mains socket).
- Place the TV set on a stable, level surface to prevent it from falling over and causing personal injury or property damage.
- Install the TV where it cannot be pulled, pushed, or knocked over.

- Install the TV so that the TV’s Table-Top Stand does not protrude out from the TV stand (not supplied). If the Table-Top Stand protrudes out from the TV stand, it may cause TV set to topple over, fall down, and cause personal injury or damage to the TV.

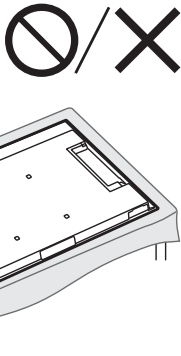


Transporting

- Before transporting the TV set, disconnect all cables.
- Two or more persons are needed to transport a large TV set.
- When transporting the TV set by hand, hold it as shown below. Do not put stress on the panel and the frame around the screen.



- When handling or mounting the TV set, do not lay down the TV.



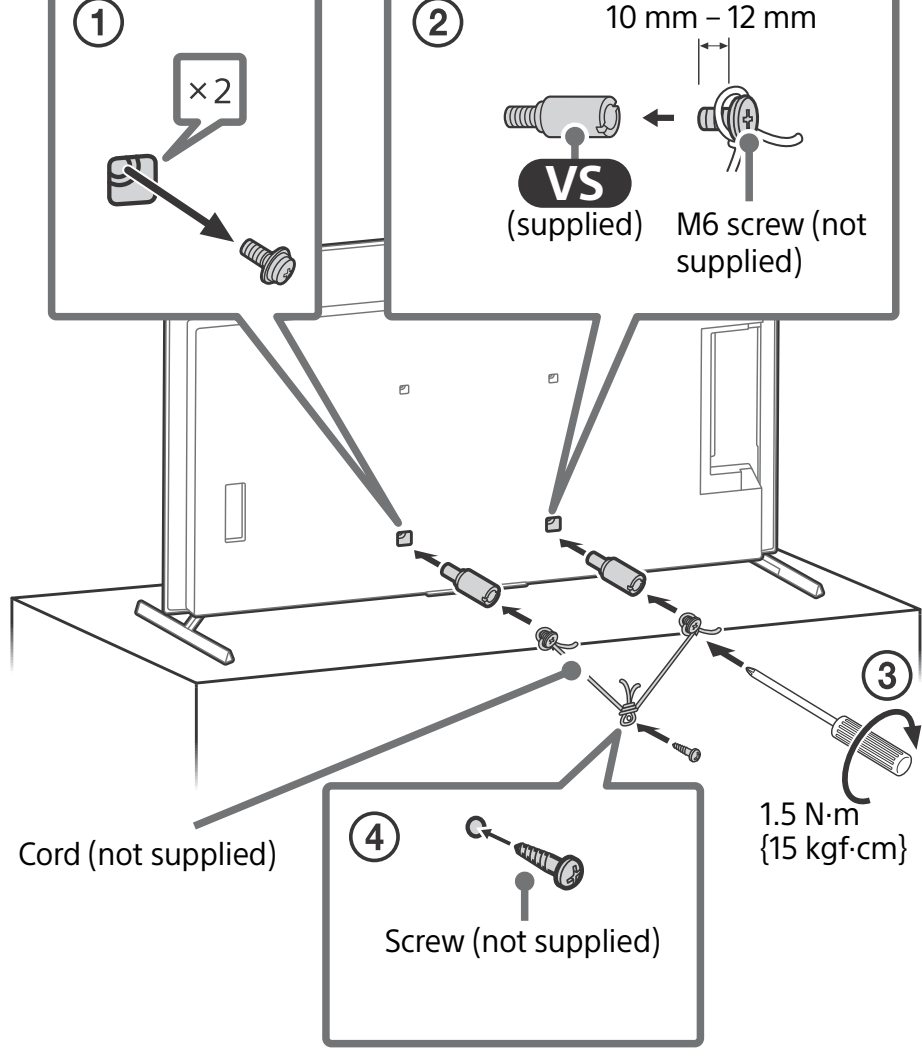
- When transporting the TV set, do not subject it to jolts or excessive vibration.
- When transporting the TV set for repairs or when moving, pack it using the original carton and packing material.

Topple prevention

(Models with supplied support belt kit)

Refer to the Setup Guide on top of the cushion.
The supplied wood screw is only for affixing to a solid object made of wood.

(Except models with supplied support belt kit)



Protecting the TV Screen (OLED TV)

Precautions to Protect the Screen from Damage

Image retention

OLED TV's are susceptible to image retention (burn-in) due to the characteristics of the materials used. Image retention may occur if images are displayed in the same location on the screen repeatedly or over extended periods of time. This is not a malfunction of the TV. Avoid displaying images that may cause image retention.

The following are examples of images that may cause image retention:

- Content with black bars either on the top and bottom and/or the left and right sides of the screen. (for example, Letterboxed, 4:3 screen, Standard definition)
- Static images such as photos.
- On-screen menus, programme guides, channel logos etc.
- Static content from applications.
- On-screen tickers, such as those used for news and headlines.

To reduce the risk of image retention:

- Sony recommends that you turn off the TV normally by pressing the power button on the remote control or the TV.
- Fill the screen by changing [Wide mode] to eliminate the black bars. Select [Wide mode] other than [Normal].
- Turn off the OSD (On Screen Display) by pressing **123** (Control menu) button and select [Info], and turn off the menus from connected equipment.
- Avoid displaying static images with bright colours (including white), clocks or logos on any portion of the screen.
- Set the picture settings based on the ambient conditions. The Standard Picture is recommended for home use and when viewing content that often displays the station logos, etc.

The TV has following features to help reduce/prevent image retention.

Panel refresh

A panel refresh will adjust the panel uniformity. Panel refresh can be performed and should only be used when image retention is very noticeable.

Caution:

- The Panel refresh function may affect the panel. Do not perform Panel refresh more than once a year as it may affect the usable life of the panel.
- Panel refresh takes about ten minutes to complete.
- The effectiveness of a panel refresh may vary depending on the image retention condition.

Pixel shift

Automatically moves the image on the screen to prevent image retention.

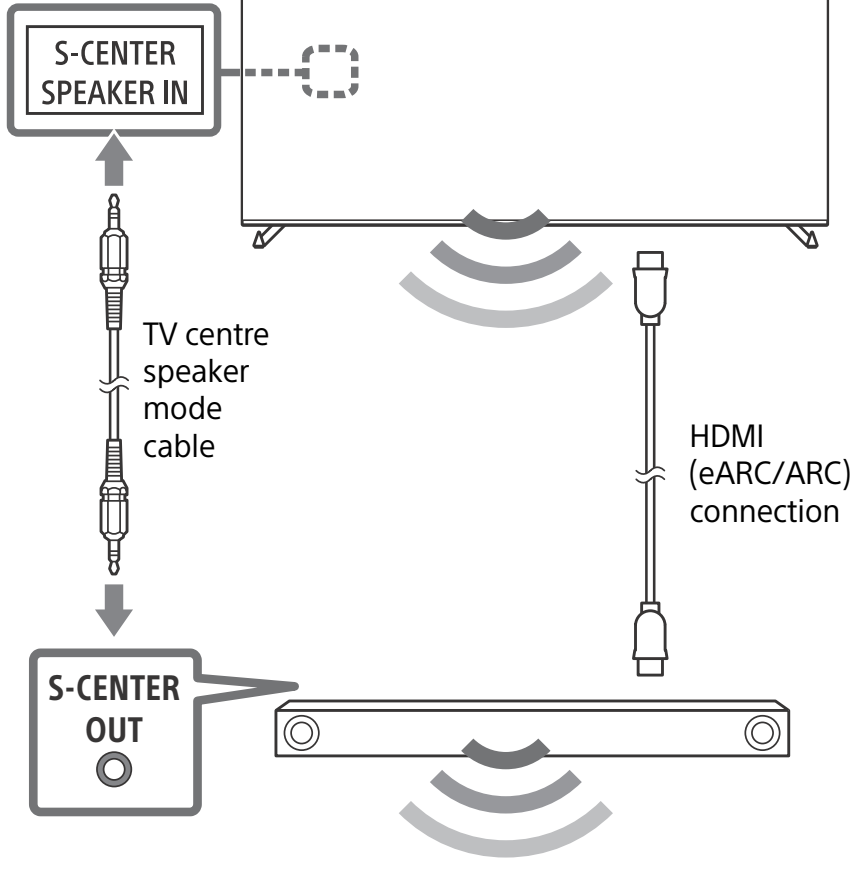
Other feature

The screen brightness is automatically reduced when displaying still images, clocks, bright colours or logos etc.

Using TV as Part of Audio System

Note

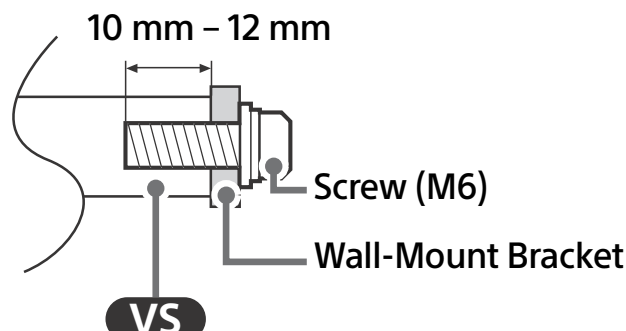
- Before connecting cables, disconnect the AC power cord (mains lead) of both TV and AV receiver.
- Refer to the instruction manual of the Audio system with S-CENTER OUT terminal for detail.



- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- Sony is not liable for any damage or injury caused by mishandling or improper installation.
- Only qualified service personnel should carry out wall-mount installations.

- For safety reasons, it is strongly recommended that you use Sony accessories, including:
 - Wall-Mount Bracket SU-WL850
 - Wall-Mount Bracket SU-WL450
- Be sure to use the screws supplied with the Wall-Mount Bracket when attaching the Wall-Mount Bracket to the TV set. The supplied screws are designed as indicated by illustration when measured from the attaching surface of the Wall-Mount Bracket.

The diameter and length of the screws differ depending on the Wall-Mount Bracket model. Use of screws other than those supplied may result in internal damage to the TV set or cause it to fall, etc.



- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

* Only for limited region/country/model.

Optional Camera and Microphone Unit (not supplied) Cable Management

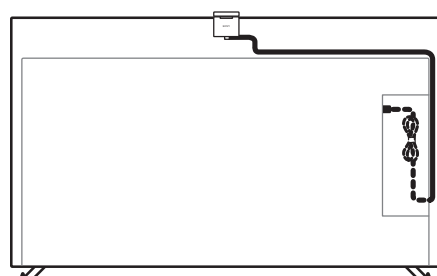
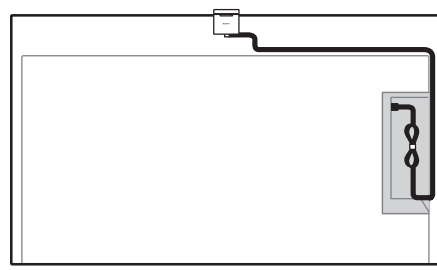


Table-Top Stand position



Wall-mount position

Troubleshooting

General troubleshooting for issues like: black screen, no sound, frozen picture, TV does not respond, or network is lost, do the following steps.

- 1 Restart your TV by pressing the power button on the remote control for about five seconds. The TV will restart. If the TV does not recover, try unplugging the AC power cord (mains lead) then press the power button on the TV and release it. Wait for two minutes, and plug in the AC power cord (mains lead).
Or, press the power button on the TV for about 40 seconds until the TV turns off.
- 2 Refer to the Help menu shown below.
- 3 Connect your TV to the Internet and perform a software update. Sony recommends you to keep your TV software updated. Software updates provide new features and performance improvements.
- 4 Visit Sony support website (information provided at the end of this manual).

When you plug in the TV, the TV may not be able to turn on for a while even if you press the power button on the remote control or the TV.

It takes time to initialize the system. Wait for about one minute, then operate it again.

The remote control does not function.

- Replace the batteries.

The parental lock password has been forgotten.

- Enter 9999 for the PIN and enter the new PIN.

The screen becomes darker while watching TV.

- If the whole image or part of the image remains still, the screen brightness will be gradually reduced to prevent image retention. This is not a malfunction of the TV.

You are concerned about image retention.

If the same image is displayed repeatedly or for long periods of time, image retention may occur. To reduce image retention, we recommend that you turn off the TV normally by pressing the power button on the remote control or the TV.

Note

- Perform Panel refresh only when image retention is particularly noticeable. Avoid performing Panel refresh more than once a year because it may affect the usable life of the panel.
- Images that include clocks, logos and bright colours (including white) easily cause image retention. Avoid displaying these types of images for long periods of time, otherwise image retention may occur.

The message [Panel refresh did not finish...] is displayed.

When i) the TV is turned on or ii) the AC power cord (mains lead) is unplugged during the Panel refresh, the Panel refresh is not completed. Please avoid the above two conditions during the Panel refresh.



For more information on troubleshooting, refer to the Help Guide. Press  (Input select) on the remote control and select [Help]. If [Help] does not exist, select [Edit] and add [Help].

Specifications

System

- Panel system: OLED (Organic Light Emitting Diode) Panel
- TV system: Depend on your country/area selection/TV model
 - Analogue: B/G, I, D/K, M
 - Digital: DVB-T/DVB-T2
- Colour system: PAL/SECAM/NTSC3.58/NTSC4.43
- Channel coverage: Depend on your country/area selection/TV model
 - Analogue: UHF/VHF/Cable
 - Digital: UHF/VHF
- Sound output
 - XR-77A80K: 20 W + 10 W + 10 W + 10 W + 10 W
 - XR-65A80K / 55A80K: 10 W + 10 W + 10 W + 10 W + 10 W
- Wireless technology
 - Protocol IEEE 802.11a/b/g/n/ac
 - Bluetooth® Version 4.2

Input/Output jacks

- Antenna (aerial)/cable
 - 75 ohm external terminal for VHF/UHF
 -  /  VIDEO IN / S-CENTER SPEAKER IN
 - Video/Audio input (mini jack)
 - S-centre speaker input (mini jack)
 - HDMI IN 1/2/3/4 (HDCP 2.3-compatible)
 - Video:
 - 4096 × 2160p (50, 60 Hz)^{*1*2}, 4096 × 2160p (24 Hz)^{*1}, 3840 × 2160p (50, 60 Hz)^{*2}, 3840 × 2160p (24, 25, 30 Hz), 1080p (30, 50, 60, 100, 120 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 480p, PC Formats^{*3}, 3840 × 2160p (100, 120 Hz)^{*2*4}
 - Audio:
 - In eARC (Enhanced Audio Return Channel) mode
 - Refer to the online Help Guide for details.
 - Except eARC mode
 - 5.1 channel linear PCM: 32/44.1/48/88.2/96/176.4/192 kHz 16/20/24 bits, Dolby Audio, Dolby Atmos, DTS
 - eARC/ARC (Enhanced Audio Return Channel/Audio Return Channel) (HDMI IN 3 only)^{*5}
 - In eARC mode
 - Refer to the online Help Guide for details.
 - In ARC mode
 - Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, Dolby Atmos, DTS
 -  DIGITAL AUDIO OUT (OPTICAL)
 - Digital optical jack (Two channel linear PCM: 48 kHz 16 bits, Dolby Audio, DTS)
 -  (Stereo mini jack)
 - Headphone
 -  1,  2
 - USB port 1 supports High Speed USB (USB 2.0)
 - USB port 2 supports Super Speed USB (USB 3.2 Gen 1)
 -  LAN
 - 10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. The communication rate and quality are not guaranteed.)
- ## Power and others
- Power requirements
 - XR-77A80K: 110 V – 240 V AC, 50/60 Hz
 - XR-65A80K / 55A80K: 220 V – 240 V AC, 50/60 Hz
 - Energy Efficiency Class^{*6}
 - (For Jordan only)
 - XR-65A80K: A+
 - XR-55A80K: A
 - Screen size (measured diagonally) (Approx.)
 - XR-77A80K: 77 inches / 194.7 cm
 - XR-65A80K: 65 inches / 163.9 cm
 - XR-55A80K: 55 inches / 138.8 cm
 - Power consumption
 - Indicated on the rear of the TV
 - Power consumption^{*6}
 - In [Standard] mode
 - (For Jordan only)
 - XR-65A80K: 121 W
 - XR-55A80K: 104 W
 - Annual energy consumption^{*6}
 - (For Jordan only)^{*7}
 - XR-65A80K: 168 kWh per year
 - XR-55A80K: 144 kWh per year
 - Standby power consumption^{*6*8*9}
 - Jordan/UAE/Egypt: 0.50 W, Others: 0.5 W
 - Display resolution (horizontal × vertical) (pixels)
 - 3840 × 2160
 - Output rating
 - 500 mA (for USB 1), 900 mA (for USB 2)

Dimensions (Approx.) (w × h × d) (mm)

- with Table-Top Stand
 - Standard position:
 - XR-77A80K: 1722 × 1024 × 389
 - XR-65A80K: 1448 × 862 × 330
 - XR-55A80K: 1227 × 738 × 330
 - Narrow position:
 - XR-77A80K: 1722 × 1024 × 389
 - XR-65A80K: 1448 × 862 × 330
 - XR-55A80K: 1227 × 738 × 330
 - Soundbar position:
 - XR-77A80K: 1722 × 1066 × 389
 - XR-65A80K: 1448 × 904 × 330
 - XR-55A80K: 1227 × 780 × 330
- without Table-Top Stand
 - XR-77A80K: 1722 × 998 × 54
 - XR-65A80K: 1448 × 836 × 53
 - XR-55A80K: 1227 × 712 × 53

Stand width (Approx.) (mm)

Standard position:

XR-77A80K: 1409

XR-65A80K / 55A80K: 1184

Narrow position:

XR-77A80K: 619

XR-65A80K / 55A80K: 847

Soundbar position:

XR-77A80K: 1409

XR-65A80K / 55A80K: 1184

Mass (Approx.) (kg)

with Table-Top Stand

XR-77A80K: 37

XR-65A80K: 24.6

XR-55A80K: 19.5

without Table-Top Stand

XR-77A80K: 34.8

XR-65A80K: 23

XR-55A80K: 17.9

Others

Optional accessories

Wall-Mount Bracket: SU-WL850 / SU-WL450

Camera and Microphone Unit: CMU-BC1

Operating temperature: 0 °C – 40 °C

- *1 When 4096 × 2160p is input and [Wide mode] is set to [Normal], the resolution is displayed as 3840 × 2160p. To display 4096 × 2160p, set [Wide mode] setting to [Full 1] or [Full 2].
- *2 Refer to the on screen menu to set [HDMI signal format].
- *3 Refer to the online Help Guide for details.
- *4 HDMI IN 3 & 4 only. Use the Ultra High Speed HDMI Cable to connect.
- *5 Connect your audio system to the HDMI IN 3 to route TV audio to your audio system.
- *6 This information is for EU and other countries whose relevant regulation is based on EU energy labelling regulation.
- *7 Energy consumption in kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- *8 Specified standby power is reached after the TV finishes necessary internal processes.
- *9 Standby power consumption will increase when your TV is connected to the network.

Note

- Optional accessories availability depends on countries/region/TV model/stock.
- Design and specifications are subject to change without notice.
- Subscriptions for services and applications may be required and additional terms, conditions and/or charges may apply when using Google Assistant.

Notes on Digital TV function

- Any functions related to Digital TV (**DVB**) will only work in countries or areas where DVB-T/DVB-T2 (MPEG-2 and H.264/MPEG-4 AVC) digital terrestrial signals are broadcast. Please confirm with your local dealer if you can receive a DVB-T/DVB-T2 signal where you live.
- This TV set complies with DVB-T/DVB-T2 specifications, but compatibility with future DVB-T/DVB-T2 digital terrestrial broadcasts are not guaranteed.
- Some Digital TV functions may not be available in some countries/areas.

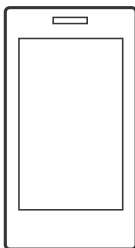
Trademark Information

- The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- Dolby, Dolby Vision, Dolby Atmos, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 1992-2021 Dolby Laboratories. All rights reserved.
- Gracenote, the Gracenote logo and logotype, “Powered by Gracenote” logo are either registered trademarks or trademarks of Gracenote, Inc. in the United States and/or other countries.
- Google TV is the name of this device’s software experience and a trademark of Google LLC. Google, YouTube and other marks are trademarks of Google LLC.
- For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS, Inc. DTS, Digital Surround, and the DTS logo are registered trademarks or trademarks of DTS, Inc. in the United States and other countries. © 2020 DTS, Inc. ALL RIGHTS RESERVED.
- Netflix is a registered trademark of Netflix, Inc.
- TUXERA is a registered trademark of Tuxera Inc. in the US and other countries.
- All other trademarks are the property of their respective owners.



HIGH-DEFINITION MULTIMEDIA INTERFACE





Support

<https://www.sony-asia.com/support>