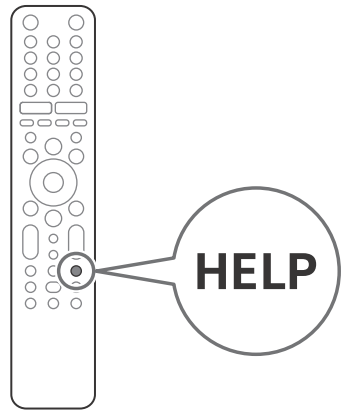




Television

Reference Guide



BRAVIA

OLED

KD-65A8H / 55A8H

About Manuals

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

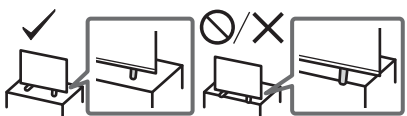
Setup Guide <ul style="list-style-type: none"> TV installation and setup. 	
Reference Guide (this manual) / Safety Documentation <ul style="list-style-type: none"> Safety information, remote control, troubleshooting, wall-mount installation, specification, etc. 	
Help Guide (On screen Manual) <ul style="list-style-type: none"> Settings, Android TV functions, Internet connection, troubleshooting, etc. To open it, press the HELP button on the remote control and select Help Guide. 	<ul style="list-style-type: none"> You can refer to the Help Guide with your smartphone. <p>https://rd1.sony.net/help/tv/hga1/h_ga/</p>

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 (<http://www.sony.net/tv-software-licenses/>) or on your product screen. Go to [Settings] → [Device Preferences] → [About] → [Legal information] → [Notices and licences].

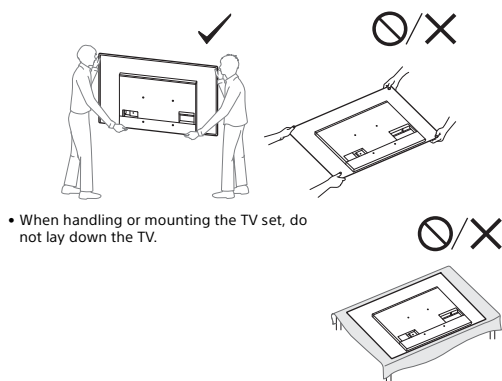
- Note**
- Before operating the TV, please read the "Safety Information".
 - Read the supplied safety documentation for additional safety information.
 - Instructions about "Installing the TV to the Wall" are included within this TV's instruction manual.
 - Images and illustrations used in the Setup Guide and this manual are for reference only and may differ from the actual product.

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.

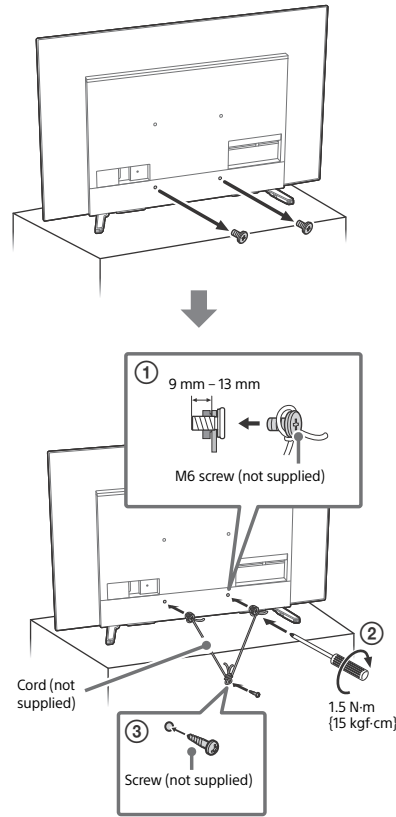


- Transporting**
- Before transporting the TV set, disconnect all cables.
 - Two or more people are needed to transport a large TV set.
 - When transporting the TV set by hand, hold it as shown below. Do not put stress on the panel and the frame around the screen.



- When 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)



Notice for customer in UAE

TRA
REGISTERED No: ER73578/19
DEALER No: DA0105422/13

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.
 - Video games that might have static content in some part of the screen.
 - 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 the [INFO/?] button, and turn off the menus from connected equipment. For details, refer to the instruction manuals for the 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 notification to perform a panel refresh will appear after the TV has been in use for long periods of time. It is recommended to perform a panel refresh when you receive this notification. A panel refresh will adjust the panel uniformity. Panel refresh can also be performed manually and should only be used when image retention is very noticeable.

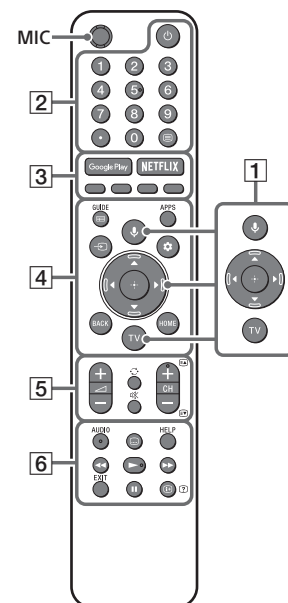
- Caution:**
- The Panel refresh function may affect the panel. As a reference, perform the Panel refresh only once a year, do not perform it more than once a year as it may affect the usable life of the panel.
 - Panel refresh takes about one hour to complete.
 - A white line may be displayed on the screen during the Panel refresh, this is not a malfunction of the TV.
 - Panel refresh will only work when the room temperature is between 10 °C and 40 °C.

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

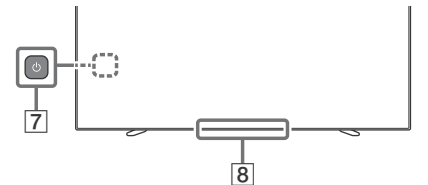
Other feature
The screen brightness is automatically reduced when displaying still images, clocks, bright colours or logos etc.

Remote Control and TV

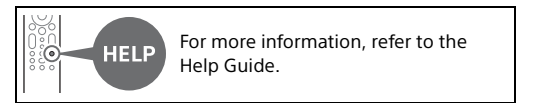
The remote control shape, location, availability and function of remote control buttons may vary depending on your region/country/TV model.



- (Microphone):** Use the Google Assistant*1+2 or voice search*2. For hints on how to control your TV press (Microphone) button and speak the phrase "voice hints".*1
▲/▼/◀/▶/⊕/⊖: On screen menu navigation and selection.
TV: Display TV channel list or switch to input.
- (TV standby) Number buttons**
● (dot)
☰ (Text): Display text information.
- Google Play / NETFLIX*1+3 / Colour buttons**
- GUIDE/☰:** Display the digital programme guide of TV or TV box*1+4.
APPS: Display a list of installed apps.
↶ (Input select): Display and select the input source, etc.
⚙ (Quick settings): Display Quick Settings.
BACK
HOME
- +/- (Volume)**
⏮ (Jump)
⏭ (Mute)*5
CH +/-/☑/☒: Select the channel, or next (☑) / previous (☒) page.
- AUDIO:** Select the sound of multilingual source or dual sound (depend on programme source).
☰ (Subtitle setting)
HELP: Display the Help menu.
◀▶/▶▶/⏸/⏹
EXIT
☑/? (Info/Text reveal): Display information.



- (Power)**
 - Remote Control sensor / Light sensor / LED**
- *1 Only on limited region/country/TV model/language.
*2 The Google Assistant or voice search requires an Internet connection.
*3 Installation might be required depending on region/country.
*4 [TV box setup] setting is required.
*5 Accessibility shortcut is available by pressing and holding ⏸ (Mute).



Installing the TV to the Wall

Using the optional Wall-Mount Bracket (SU-WL850 or SU-WL450)* (not supplied)

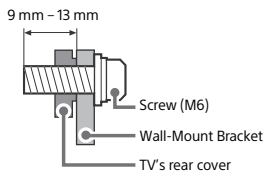
To Customers:
For product protection and safety reasons, Sony strongly recommends that installation of your TV be performed by Sony dealers or licensed contractors. Do not attempt to install it yourself.

To Sony Dealers and Contractors:
Provide full attention to safety during the installation, periodic maintenance and examination of this product.

Wall-Mount Bracket Installation Information
This TV's instruction manual only provides the steps to prepare the TV for Wall-Mount installation before it is installed on the wall. For instructions on Wall-Mount Bracket installation, see the Installation Information (Wall-Mount Bracket) on the product page for your TV model.
<https://www.sony-asia.com/support>

- Preparing for Wall-Mount Installation**
- Prepare the TV for the Wall-Mount Bracket before making cable connections.
 - 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.
 - Be sure to entrust the attachment of this product to the wall to Sony dealers or licensed contractors and pay adequate attention to safety during the installation. Sony is not liable for any damage or injury caused by mishandling or improper installation.
 - The screws for Wall-Mount Bracket are not supplied (SU-WL450 only).
 - 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 TV when attaching the Wall-Mount Bracket to the TV set (SU-WL850 only). Be sure to use the screws supplied with the Wall-Mount Bracket when attaching the Wall-Mount Bracket to the TV set (except SU-WL850). 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.

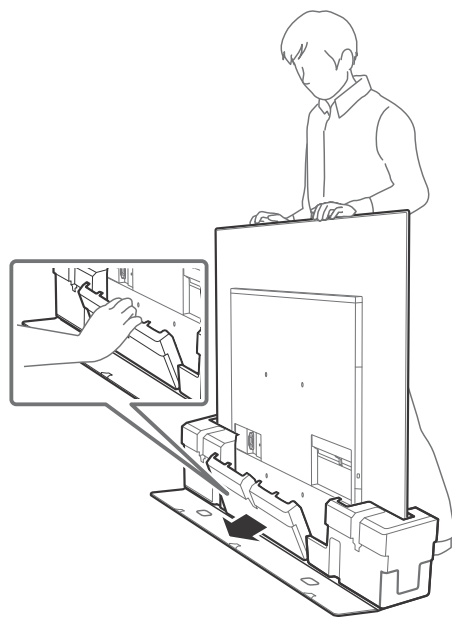


- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

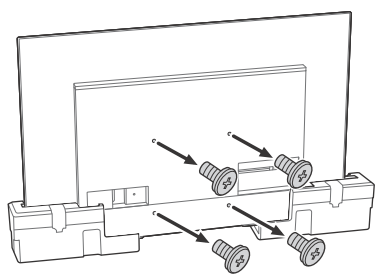
* Only on limited region/country/TV model.

Installing the TV to the Wall from Carton

1 Remove the centre cushion.



2 Remove the screws from the rear of the TV.

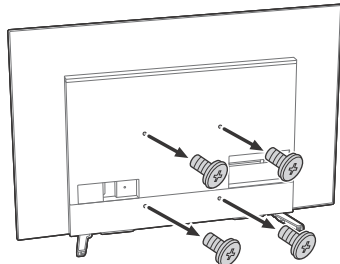


Note

- Be sure to store the removed screws and reuse when attaching the Wall-Mount Bracket to the TV set (SU-WL850 only). Keep the screws away from small children.

Installing the TV to the Wall from Table-Top Stand

Remove the screws from the rear of the TV.

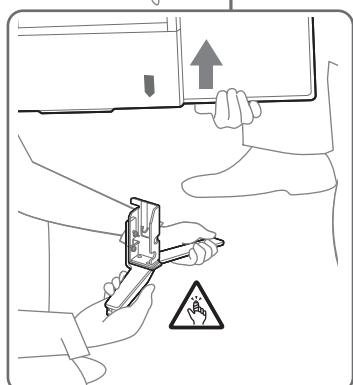
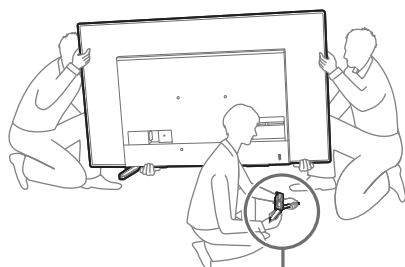


Note

- Be sure to store the removed screws and reuse when attaching the Wall-Mount Bracket to the TV set (SU-WL850 only). Keep the screws away from small children.

Detaching the Table-Top Stand from the TV

- 1 Remove one side of the Table-Top Stand at a time. Firmly hold the Table-Top Stand securely with both hands while the other people lift up the TV.



- 2 Repeat the previous step and remove the other side of the Table-Top Stand.

Note

- Three or more people are required to detach the Table-Top Stand.
- Be careful not to use excessive force while detaching the Table-Top Stand from the TV as it may cause the TV set to fall resulting in personal injury or physical damage to the TV.
- Take care when handling the Table-Top Stand to prevent damage to the TV.
- Be careful when lifting the TV as the Table-Top Stand is detached, the Table-Top Stand may topple over and cause personal injury.
- Take care when removing the Table-Top Stand from the TV to prevent it from falling over and damaging the surface that the TV is sitting on.

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).
- 2 Refer to the Help menu by pressing **HELP** on the remote control.
- 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

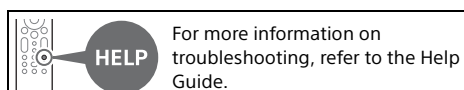
- Perform Panel refresh manually only when image retention is particularly noticeable. As a reference, perform it only once a year. Avoid performing it more than once a year because it may affect the usable life of the panel.
- Images that include clocks, logos and bright colours (including white) easily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

A white line appears on the screen.

- Panel refresh automatically runs after the TV has been used for long periods of time to reduce image retention. Panel refresh starts after the TV is turned off and takes about one hour to complete. A white line may be displayed on the screen during the Panel refresh. This is not a malfunction of the TV.

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

When i) the TV is turned on, ii) the AC power cord (mains lead) is unplugged, or iii) the room temperature falls outside of the range between 10 °C and 40 °C during the Panel refresh, the Panel refresh is not completed. Please avoid the above three conditions during the Panel refresh.



Specifications

System

Panel system: OLED (Organic Light Emitting Diode) Panel

TV system: Depend on your country/area selection
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

Analogue: UHF/VHF/Cable
Digital: UHF/VHF

Sound output: 10 W + 10 W + 5 W + 5 W

Wireless technology

Protocol IEEE 802.11a/b/g/n/ac
(IEEE 802.11ac may not be available depending on countries/regions.)
Bluetooth® Version 4.2

Input/Output jacks

Antenna (aerial)/cable
75 ohm external terminal for VHF/UHF
VIDEO IN
Video/Audio input (mini jack)

HDMI IN 1/2/3/4 (support 4K resolution, 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}

Audio:

In eARC (Enhanced Audio Return Channel) mode
Refer to the 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)^{*4}

In eARC mode

Refer to the 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

USB port 1, 2, 3

USB port 1 and 2 support High Speed USB (USB 2.0)
USB port 3 supports Super Speed USB (USB 3.1 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

110 V – 240 V AC, 50/60 Hz

Energy Efficiency Class^{*5}

(For Egypt only)

KD-65A8H: C

KD-55A8H: D

Screen size (measured diagonally) (Approx.)

KD-65A8H: 65 inches / 163.9 cm

KD-55A8H: 55 inches / 138.8 cm

Power consumption

Indicated on the rear of the TV

Power consumption^{*5}

(For Egypt only)

In [Standard] mode

KD-65A8H: 163.8 W

KD-55A8H: 133.4 W

In [Vivid] mode

KD-65A8H: 457 W

KD-55A8H: 341 W

Annual energy consumption^{*5}

(For Egypt only)^{*6}

KD-65A8H: 479 kWh per year

KD-55A8H: 390 kWh per year

Standby power consumption^{*5+7+8}

0.50 W

Display resolution

3,840 pixels (horizontal) × 2,160 lines (vertical)

Output Rating

USB 1/2

5 V $\overline{=}$, 500 mA MAX

USB 3

5 V $\overline{=}$, 900 mA MAX

Dimensions (Approx.) (w × h × d) (mm)

with Table-Top Stand

Standard position:

KD-65A8H: 1,448 × 857 × 326

KD-55A8H: 1,227 × 733 × 326

Sound bar position:

KD-65A8H: 1,448 × 908 × 323

KD-55A8H: 1,227 × 784 × 323

without Table-Top Stand

KD-65A8H: 1,448 × 836 × 52

KD-55A8H: 1,227 × 712 × 52

Mass (Approx.) (kg)

with Table-Top Stand (without Table-Top Stand)

KD-65A8H: 23.6 (21.8)

KD-55A8H: 18.6 (16.8)

Others

Optional accessories

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

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 To support 18 Gbps, set [HDMI signal format] to [Enhanced format].
- *3 Refer to the online Help Guide for details.
- *4 Connect your audio system to the HDMI IN 3 to route TV audio to your audio system.
- *5 This information is for EU and other countries whose relevant regulation is based on EU energy labelling regulation.
- *6 Energy consumption in kWh per year, based on the power consumption of the television operating 8 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
- *7 Specified standby power is reached after the TV finishes necessary internal processes.
- *8 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 the 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

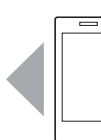
- The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
- Dolby, Dolby Vision, Dolby Atmos, Dolby Audio, and the double-D symbol are trademarks of Dolby Laboratories. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012-2018 Dolby Laboratories. All rights reserved.
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- Google, Google Play, Chromecast, YouTube, Android TV and other related marks and logos are trademarks of Google LLC.
- For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS, Inc. DTS, the Symbol, DTS and the Symbol together, and Digital Surround are registered trademarks or trademarks of DTS, Inc. in the United States and/or other countries. © 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



A NIELSEN COMPANY



Support

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