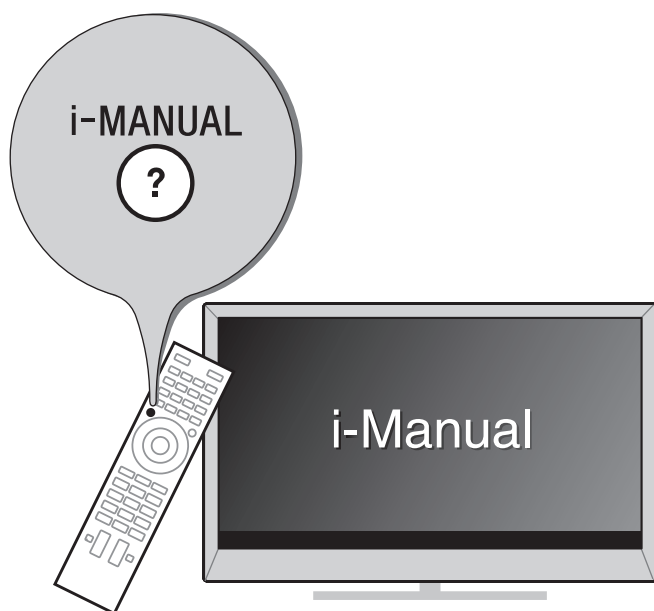


LCD TV

Operating Instructions



BRAVIA

Introduction

Thank you for choosing this Sony product. Before operating the TV, please read this manual thoroughly and retain it for future reference.



- The “x” that appears in the model name corresponds to a numeric digit, related to design, colour or TV system.
- Instructions about “Installing Wall Mount Bracket” are included within this TV’s instructions manual.
- The illustrations used in this manual are of the KDL-40HX850 series unless otherwise state.
- The illustrations of the remote used in this manual are of the RM-GD022 unless otherwise stated.
- Before operating the TV, please read page 31 (Safety Information). Retain this manual for future reference.

Trademark information

DVB is a registered trademark of the DVB Project.

HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

DLNA®, the DLNA Logo and DLNA CERTIFIED® are trademarks, service marks, or certification marks of the Digital Living Network Alliance.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

“BRAVIA” and **BRAVIA** are trademarks of Sony Corporation.

TrackID is a trademark or registered trademark of Sony Ericsson Mobile Communications AB.

Music and video recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, please visit www.gracenote.com.

CD, DVD, Blu-ray Disc, and music and video-related data from Gracenote, Inc., copyright © 2000-present Gracenote. Gracenote Software, copyright © 2000-present Gracenote. One or more patents owned by Gracenote apply to this product and service. See the Gracenote website for a nonexhaustive list of applicable Gracenote patents. Gracenote, CDDb, MusicID, MediaVOCS, the Gracenote logo and logotype, and the “Powered by Gracenote” logo are either registered trademarks or trademarks of Gracenote in the United States and/or other countries.

Opera® Browser from Opera Software ASA. Copyright 1995-2012 Opera Software ASA. All rights reserved.

Wi-Fi Direct is a mark of the Wi-Fi Alliance.

“Blu-ray Disc”, “Blu-ray” and “Blu-ray Disc” logo are trademarks of Blu-ray Disc Association.

“Sony Entertainment Network logo” and “Sony Entertainment Network” are trademarks of Sony Corporation.



KDL-55/46/40HX85x only

DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.



Notes for Australia and New Zealand model

This product is ENERGY RATING qualified in the "Home" mode. ENERGY RATING is a program designed to promote energy efficient products and practices.

- When the TV is initially set up, it is designed to meet ENERGY RATING requirements while maintaining optimum picture quality.
- Changes to certain features, settings, and functionalities of this TV (e.g. TV Guide, Picture/Sound, Eco-Setting) can slightly change the power consumption.

Depending upon such changed settings (e.g. "Shop" mode), the power consumption may vary which possibly could exceed the stated energy rating.

To reset the TV to ENERGY RATING qualified settings, select "Home" mode from the initial set-up procedure in "Factory Settings" under the "Set-up" menu.

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:

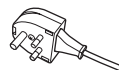
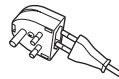
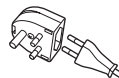
- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or bookcases) 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.

Notice for customers in the South Africa

The Euro/South Africa converter plug should be fitted as follows.

- 1 Insert the power supply or CEE7 plug in to the converter plug.
- 2 Use an appropriate screwdriver to attach the screw tightly without damaging the screw head.
- 3 TEST: Grip the converter plug, and pull the VDE cord set/transformer to ensure it is fully secure, if not then increase the torque setting and further tighten. Re-test.

The converter plug is now ready for use.



Notice for customers in Thailand

This telecommunication equipment conforms to NTC technical requirement.

Notice for customers in Singapore

Complies with IDA
Standards
DB00353

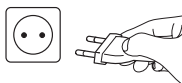
Notice for customers in India

- If AC power plug is European type, attach it with the supplied adapter then connect it.



In case of unable to attach, it is India type. Connect it directly.

- If AC power plug is India type, connect it directly.



Notice for customers in Jordan

All models covered by this Instruction Manual contains wireless module DWM-W046 with approval number TRC/SS/2010/135.

Location of the identification label

Labels for Model No. and Power Supply rating (in accordance with applicable safety regulation) are located on the rear of the TV.

About this manual

(Operating Instructions)

This manual explains how to set up your TV. For more information on how to use BRAVIA TV, refer to the “Electronic manual”.

Operating Instructions

Explains how to set up your TV such as connections, initial set-up, and basic operations.

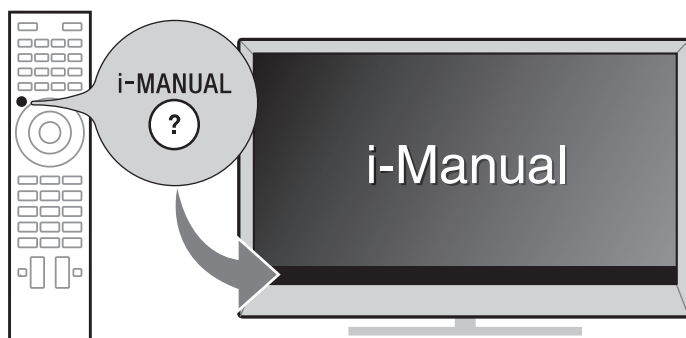


For more information, press the i-MANUAL button



Electronic manual (i-Manual)

Explains how to use all the features. See page 21 on how to use the i-Manual.



Images and illustrations used in this manual may differ from the actual screen.

Table of Contents

Getting Started

Checking the accessories.....	6
Inserting batteries into the remote.....	6
1: Attaching the Table-Top Stand (except KDL-65HX95x)	7
2: Adjusting the viewing angle of the TV	8
3: Connections	8
4: Preventing the TV from toppling over.....	10
5: Bundling the cables	11
6: Connecting the TV to the Internet.....	12
7: Performing the initial set-up.....	13

Using Your BRAVIA TV

Watching TV ▶	16
Selecting various functions and settings (Home Menu).....	18
Watching Internet Video	20

Looking for Instructions

Looking for instructions in the electronic manual (i-Manual) ▶	21
---	-----------

Additional Information

Troubleshooting.....	23
Specifications	24
Installing the Accessories (Wall-Mount Bracket).....	26
Safety Information.....	31
Precautions.....	32

Checking the accessories

Remote (1)

Size AAA batteries (R03 type) (2)

Table-Top Stand (1)*¹

(except KDL-65HX95x)

Fixing screws for Table-Top Stand

(M5 × 16) (3)

(except KDL-65HX95x)

Assembling screws for Table-Top Stand

(M5 × 16) (4)

(except KDL-65HX95x)

3D Glasses (battery included) (2)

(KDL-65HX95x, KDL-55HX955,
KDL-55/46/40HX855, KDL-55/46/40HX853 only)

Pouch for 3D Glasses (2)

(KDL-65HX95x, KDL-55HX955,
KDL-55/46/40HX855, KDL-55/46/40HX853 only)

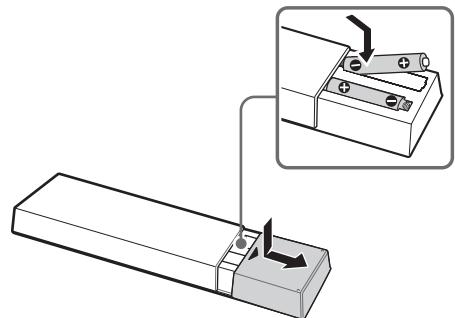
Camera and microphone unit

(KDL-65/55HX955, KDL-55/46/40HX855 only)

Operating Instructions (this manual) and other documents

*¹ Refer to the supplied Table-Top Stand leaflet to assemble the Table-Top Stand.

Inserting batteries into the remote

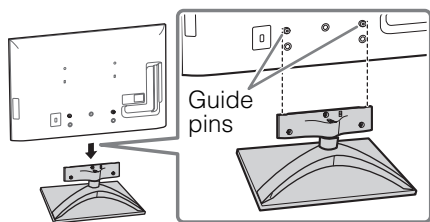


- 1** Remove the protection sheet.
- 2** Push and slide the cover to open.

1: Attaching the Table-Top Stand (except KDL-65HX95x)

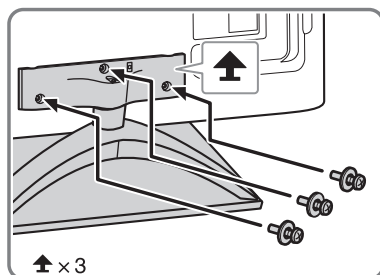
Refer to the supplied Table-Top Stand leaflet for proper attachment.

1 Place the TV set on the Table-Top Stand.



- Align the TV from the top, slide it in until the guide pins cannot be seen.

2 Fix the TV to the Table-Top Stand using the supplied screws. The arrow marks indicate the location of the screw holes used for securing the Table-Top Stand.




- If using an electric screwdriver, set the torque at approximately 1.5 N·m {15 kgf·cm}.

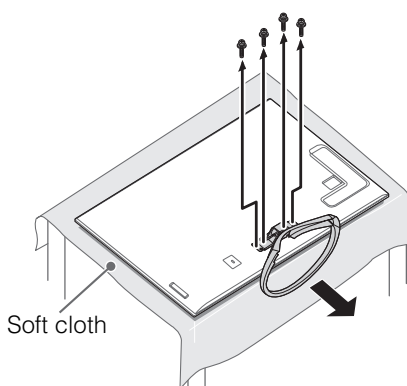
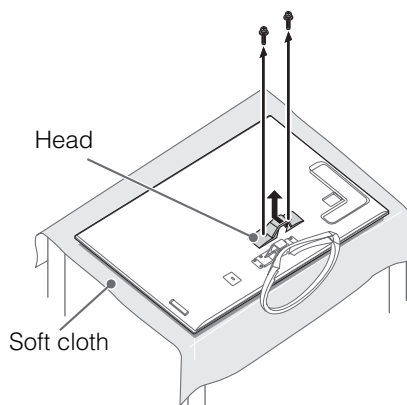
Detaching the Table-Top Stand from the TV



- Do not remove the Table-Top Stand for any reason other than to install corresponding accessories on the TV.
- When removing the Table-Top Stand from the TV, lay the display face down on a stable work surface that is larger than the TV.
- To prevent damaging the surface of the LCD display, make sure to place a soft cloth on the work surface.

KDL-65HX95x

To detach the Table-Top Stand from the TV, remove the screws  at the head of the Table-Top Stand. Slide upward to remove the head. Then, remove the screws fixed on the Table-Top Stand.



KDL-55HX955, KDL-55/46/40HX85x

To detach the Table-Top Stand from the TV, remove the screws  fixed in step 2 (page 7).

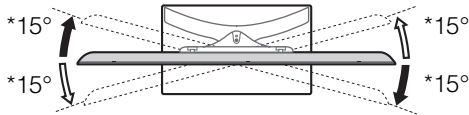
2: Adjusting the viewing angle of the TV

This TV can be adjusted within the angles as illustrated.

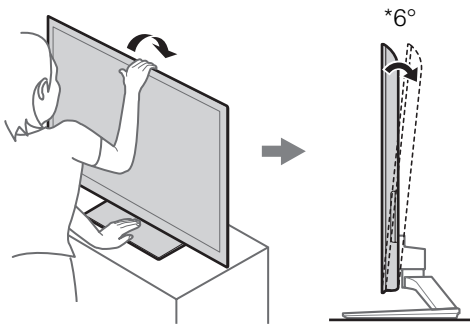
■ Angle adjustment (Swivel) (except KDL-65HX95x)



- When adjusting the angle, hold the stand with one hand to avoid having the stand slip or TV tip over.



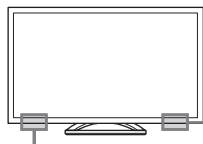
■ Angle adjustment (Tilt) (except KDL-65HX95x)



* The angle is approximate value.



- Ensure that there are no objects in front of the TV.



IR Sensor

3D Sync Transmitter

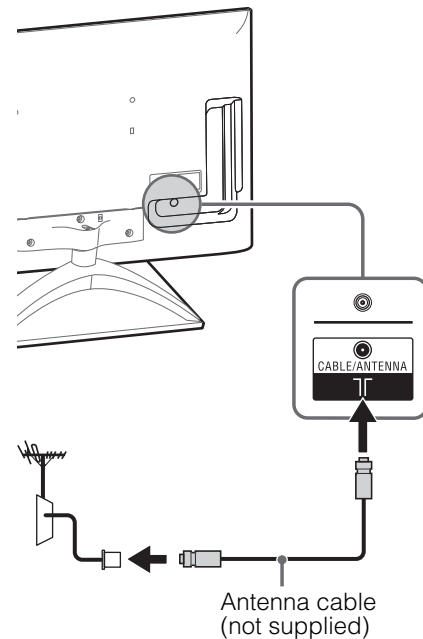
3: Connections



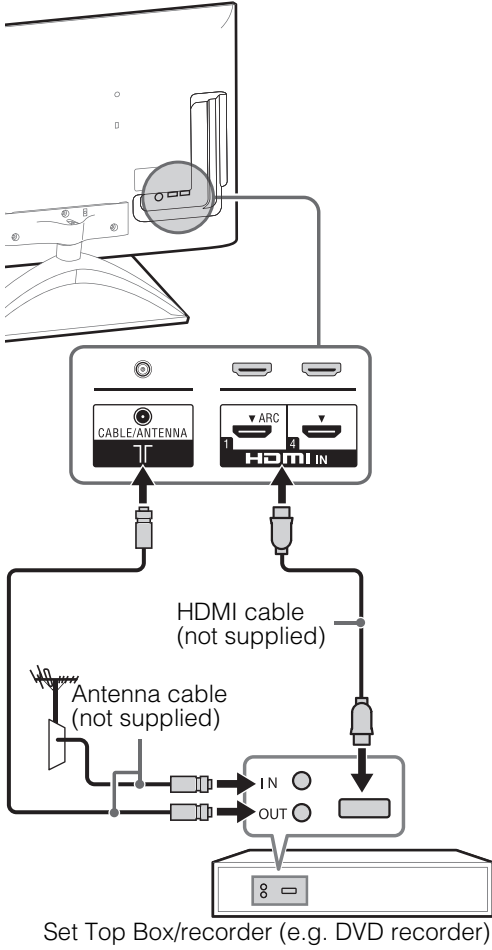
- Use an antenna cable connector no greater than 14 mm in thickness.
- Use an HDMI cable connector within 12 mm (thickness) × 21 mm (width).

Connecting an antenna/cable/VCR

■ To connect an antenna/cable

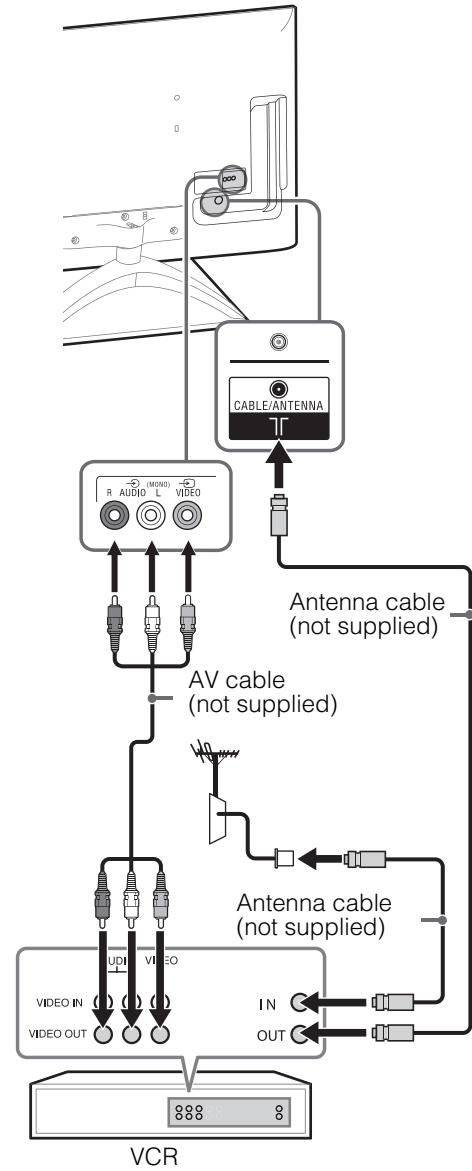


■ To connect a Set Top Box/recorder (e.g. DVD recorder) with HDMI



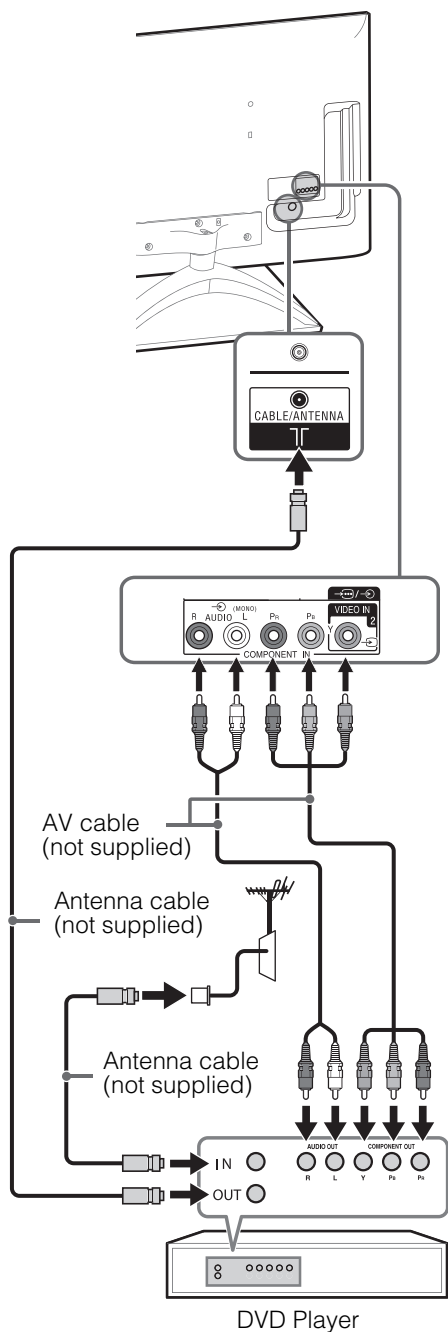
Set Top Box/recorder (e.g. DVD recorder)

■ Connecting an antenna/cable and VCR



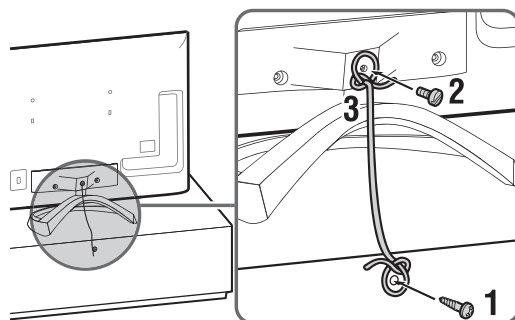
VCR

Connecting audio/video devices

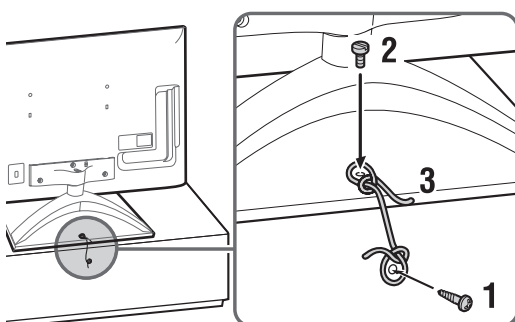


4: Preventing the TV from toppling over

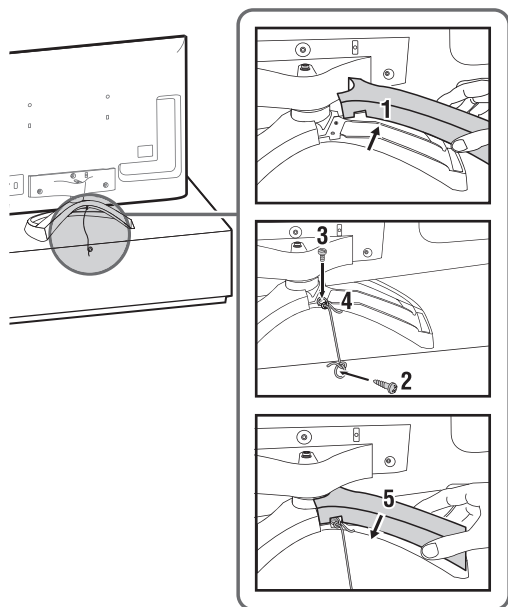
KDL-65HX95x



KDL-55/46/40HX85x

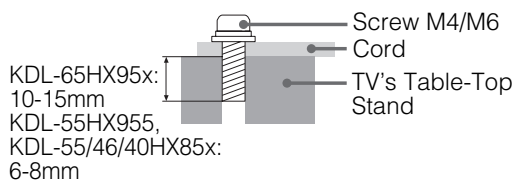


- 1 Install a wood screw (4 mm in diameter, not supplied) in the TV stand.
- 2 Install a machine screw (not supplied) into the screw hole of the TV.
For KDL-65HX95x
Use M6 screw
For KDL-55HX955, KDL-55/46/40HX85x
Use M4 screw
- 3 Tie the wood screw and the machine screw with a strong cord (not supplied).



- 1** Remove the right side cover of the Table-Top Stand.
- 2** Install a wood screw (4 mm in diameter, not supplied) in the TV stand.
- 3** Install a machine screw (M4, not supplied) into the screw hole of the TV.
- 4** Tie the wood screw and the machine screw with a strong cord (not supplied).
- 5** Attach the right side cover of the Table-Top Stand back to the original position.

The length of the M4/M6 machine screw differs depending on the cord diameter. Please see below illustration.



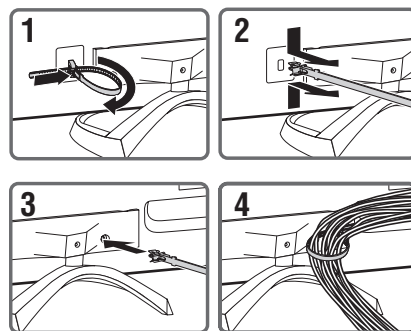
5: Bundling the cables

Before bundling the cables, remove the cable holder from the AC cover. Reuse the cable holder to bundle the other cables.

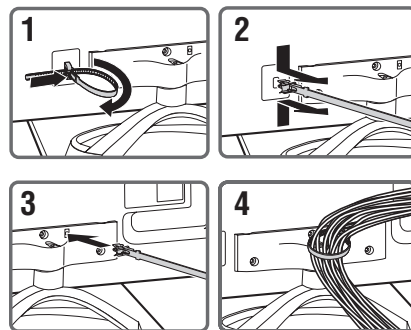


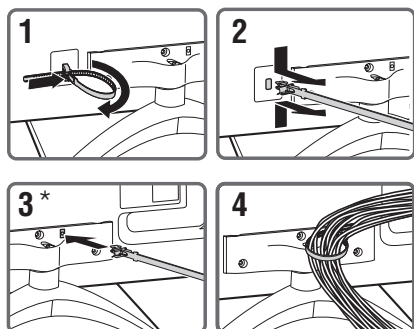
- Do not bundle the AC power cord together with other cables.

KDL-65HX95x

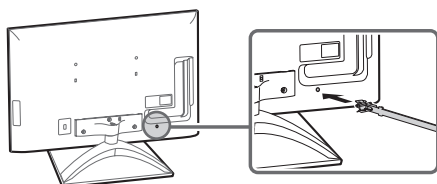


KDL-55HX955





* When installing on the wall, attach the cable holder under the terminals.



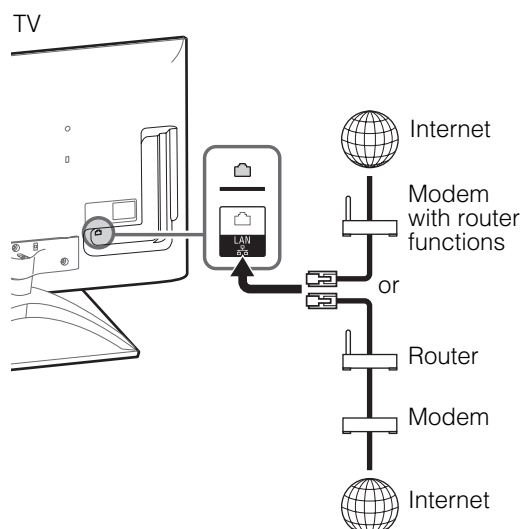
6: Connecting the TV to the Internet

When you connect this TV to the Internet, you can enjoy multiple functions: displaying a photograph that shows its location on the map, enjoying Internet video, etc. For details on the functions, refer to the i-Manual.



- You will need to contract with an Internet service provider to connect to the Internet.

Preparing a wired network

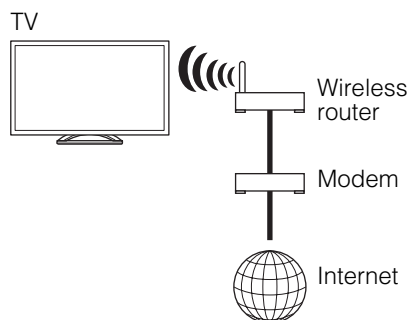


- For LAN connections, use a Category 7 cable (not supplied).

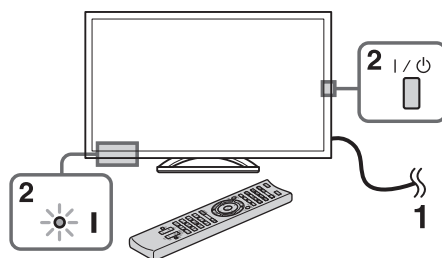
Preparing a wireless LAN

The built-in wireless LAN device allows you to access the Internet and your home network. With this feature, you can connect to a wireless LAN and enjoy the benefits of networking in a cable-free environment.

Before setting up the wireless LAN function of the TV, be sure to set up a wireless LAN router.



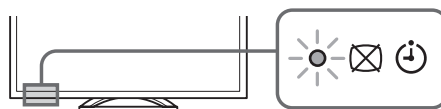
7: Performing the initial set-up



- 1 Connect the TV to your AC power outlet (mains socket).
- 2 Press **I/⏻** on the TV. The **I** (power) indicator will light up in green.
When you switch on the TV for the first time, the Language menu appears on the screen.



- When you turn on the TV for the first time, the TV requires some internal processing for optimisation before you can perform the initial setup. There will be no picture and sound, and the timer indicator on the front of the TV blinks orange for about 40 seconds. Do not turn off the TV during this process. This process has been completed at the factory for some TVs.



- 3 Press **⏮/⏭/⏪/⏩** to select an item, then press **⏻**.
Follow the instructions on the screen.



Programme Sorting: Changes the order of analogue channels stored in the TV.

- ❶ Press \updownarrow to select the channel you want to move to a new position, then press \oplus .
- ❷ Press \updownarrow to select the new position for the channel, then press \oplus .



- You can also tune channels manually.

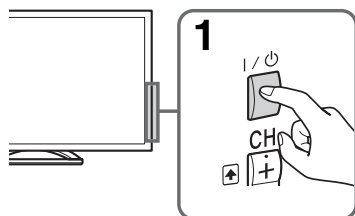
Network Set-up: Sets up the Internet settings. Select “Auto” to connect to the network automatically. Select “Custom” to connect manually.

If you do not access the Internet, or to set up later, select “Skip”.



- If you use WEP security, select “Custom” → “Wireless Set-up” → “Scan”. Then, select the network name (SSID) you want to connect. If you cannot find the required network name, select “[Manual Entry]” and press \oplus to enter network name.
- Use the optional USB Wireless LAN Adapter to connect with your wireless router (or access point) at 5GHz. Insert USB Wireless LAN Adapter and set “Standby for Wi-Fi Direct” to “Off”. Press **HOME**, then select “Settings” → “Network” → “Standby for Wi-Fi Direct” → “Off”.
- To set “Network Set-up” later, press **HOME**, then select “Settings” → “Network” → “Network Set-up”.

Watching TV



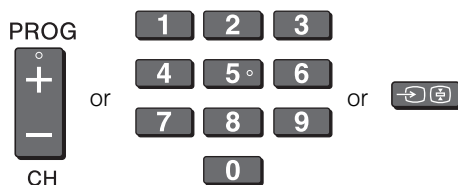
1 Turn on the TV.

Press **I/⏻** on the TV or remote to turn on the TV.

2 Select a mode.

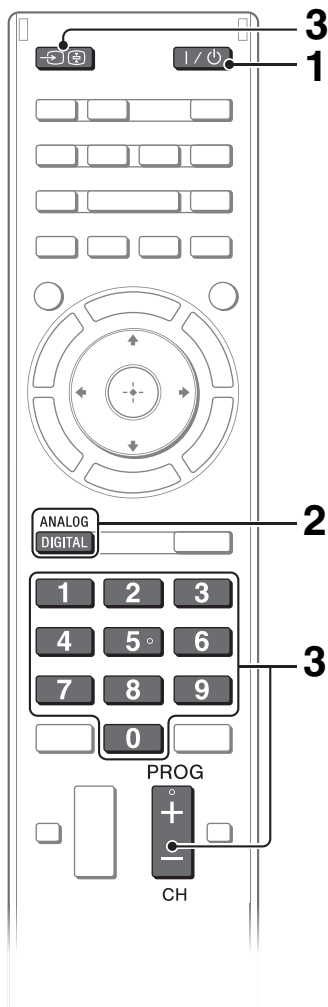


3 Select a TV channel or select an input.



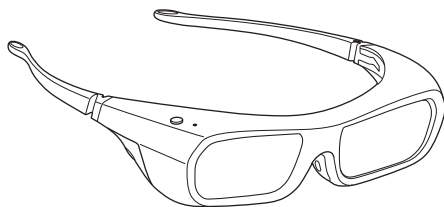
■ To select digital channels

Use **0-9**. For channel numbers 10 and above, press the next digit quickly.

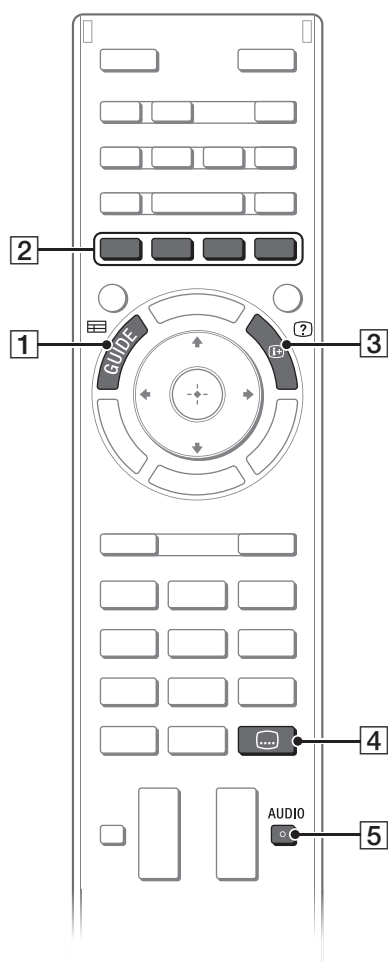


Watching 3D contents

This feature lets you experience powerful 3D entertainment, such as stereoscopic 3D games and 3D Blu-ray Disc. Refer to the i-Manual as well as the instruction manual supplied with the 3D Glasses on how to set the 3D settings or watch the 3D contents.



Frequently used buttons



1 GUIDE

Displays the digital programme guide.
(only available for EPG supported countries/
regions).

2 Colour buttons

When the colour buttons are available, an
operation guide appears on the screen.

3 Info/Text reveal

Displays channel number, details of programmes,
and the clock.

4 Subtitle setting

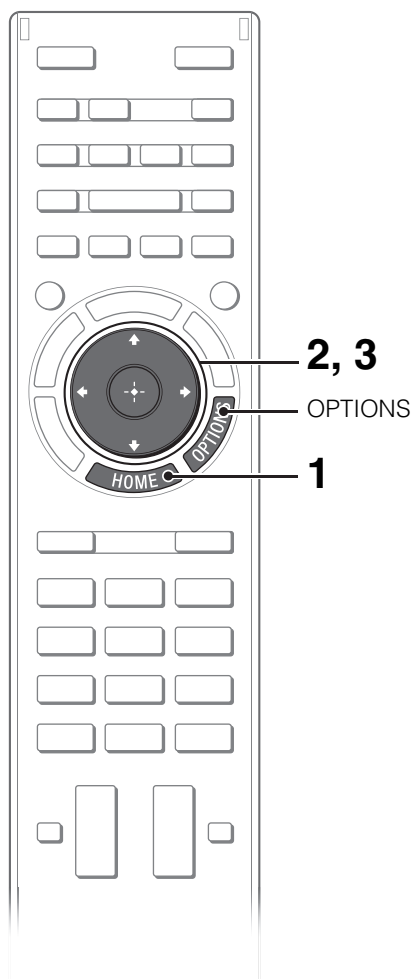
You can turn subtitle on/off while watching digital
broadcasting.

5 AUDIO

You can select the sub sound or secondary
language while watching multiplex broadcasts
(digital broadcasts only).

Selecting various functions and settings (Home Menu)

You can select the features of your TV from the Home menu.



Here is an example on how to select an item and modify the TV settings.

1 Press HOME.



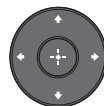
2 Press \leftarrow/\rightarrow to select (Settings) category.

The contents of "Settings" are displayed on the right.



See page 19 (Category list) for all categories.

3 Press \uparrow/\downarrow to select "Display", then press \oplus .



4 Modify the settings.

■ To exit the Home menu

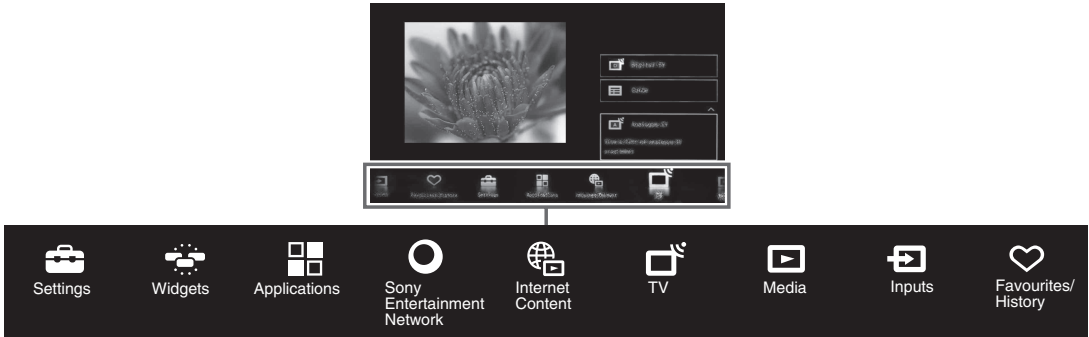
Press **HOME**.

■ To select using the **OPTIONS** button










Press **OPTIONS**.

A list of convenient functions and menu shortcuts are displayed. The menu items vary based on the current input and/or content.

Category list

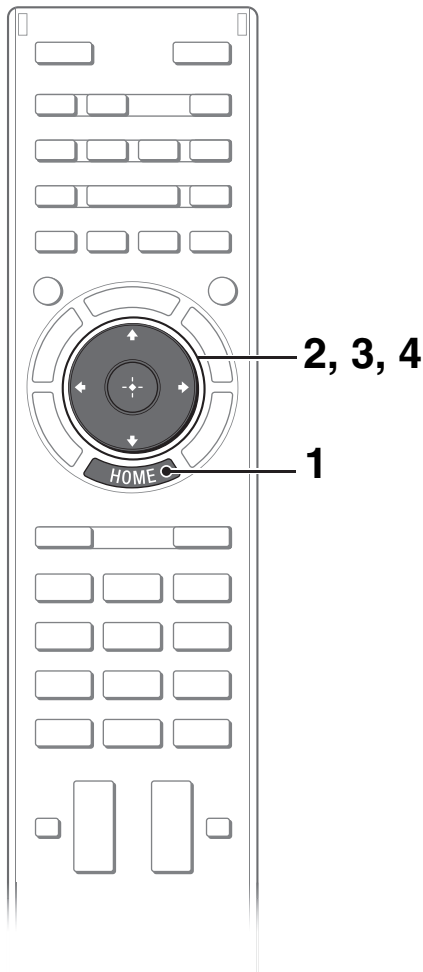


The categories are available depending on your region and country.

	Settings	Provides settings (e.g. picture settings, sound settings, key tone setting) that allow you to customise your TV.
	Widgets	Enables access to Widgets.
	Applications	Launches applications that require an Internet connection.
	Sony Entertainment Network	Enables selection of content from the online service "SEN" (Sony Entertainment Network).
	Internet Content	Enables access to Internet services for TV.
	TV	Allows you to select a list of TV channels, or a programme guide.
	Media	Enables selection of media files (photo, music, video) to play in a connected USB storage device or your home network.
	Inputs	Enables selection of devices connected to the TV.
	Favourites/History	Displays items in Favourites and recently viewed items.

Watching Internet Video

This feature serves as a gateway to Internet content, delivering a variety of on-demand entertainment straight to your TV. You can enjoy video content, including movies and cartoons. You will need to make a broadband Internet connection. For details, see page 12 (6: Connecting the TV to the Internet).

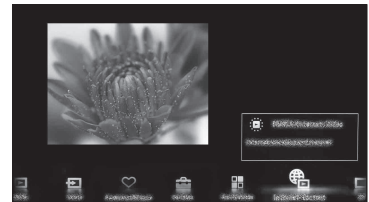


1 Press HOME.

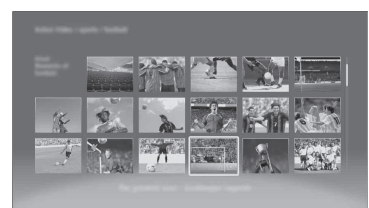
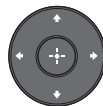


2 Press \leftarrow/\rightarrow to select (Internet Content) category.

3 Press \uparrow/\downarrow to select “Internet Video”, then press \oplus .



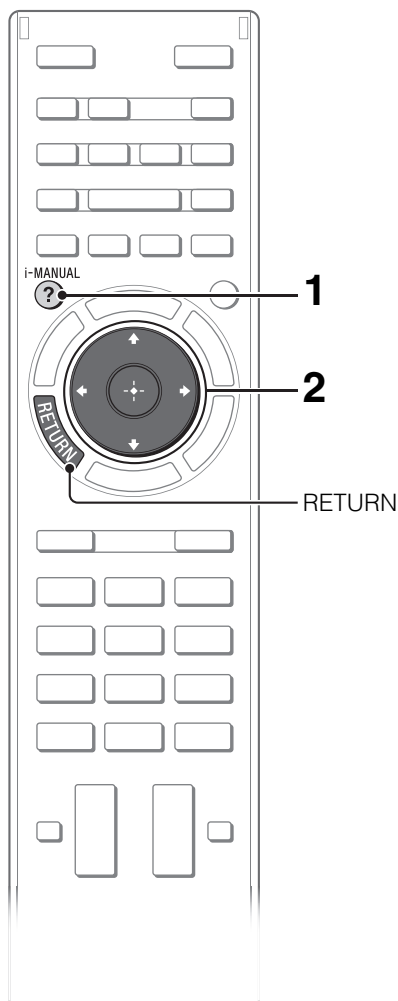
4 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to highlight the desired content, then press \oplus .



- If you experience difficulties with this feature, check that the Internet connection is set up properly.
- The interface to Internet content depends on the Internet content providers.
- Services block video content based on the “Parental Lock” setting of the TV. Some service providers do not support this function.
- To update Internet Video content services, press **HOME**, then select “Settings” → “Network” → “Refresh Internet Content”.

Looking for instructions in the electronic manual (i-Manual)

Operating instructions are built into your BRAVIA TV and can be displayed on the screen. To learn more about your TV features, access your i-Manual with the touch of a button.



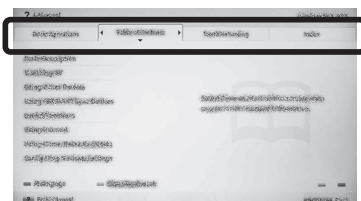
1 Press i-MANUAL.

i-MANUAL

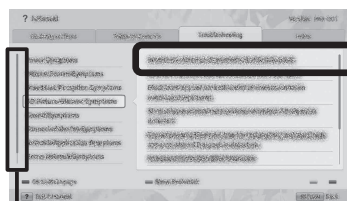


2 Select an item.

① Press \leftarrow/\rightarrow to select an item.



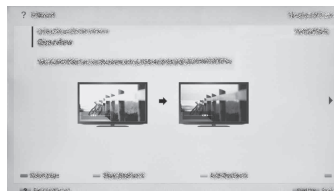
② Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ to select an item, then press \oplus .



scroll bar*

* If a scroll bar appears, press \downarrow repeatedly to display more items.

The page of the selected item appears.



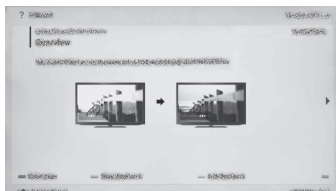
- You can step through pages using \leftarrow/\rightarrow . Press **RETURN** to return to the previous page.

Saving frequently viewed pages (Bookmark)

You can save frequently viewed pages for easy access anytime.

■ To save a page

In the page to bookmark, press the yellow button on the remote.



■ To access the bookmarked page

When displaying the i-Manual, press the green button on the remote to display the bookmark list.

Press \triangle/∇ to select the desired item, then press \oplus .



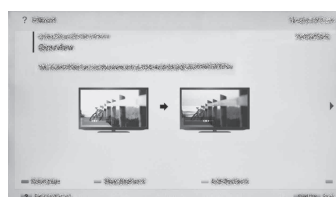
- To return to the previous page, press \triangleleft .

■ To remove a bookmark

When the bookmarked page is displayed, press the yellow button on the remote.

Displaying the page again while operating the TV

You can switch between the i-Manual screen and the TV screen. This feature allows you to refer to the instructions in the i-Manual while using your BRAVIA TV. Press **i-MANUAL** to switch between the i-Manual screen previously displayed and the TV screen.



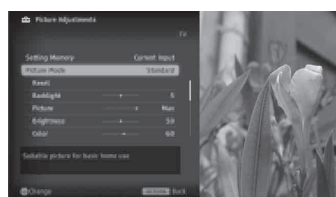
i-Manual screen previously displayed



i-MANUAL




BRAVIA TV screen



- To jump to the top page of i-Manual, press the red button on the remote. You can also press **HOME**, then select "Settings" → "i-Manual" to jump to the top page of i-Manual.
- Once you turn off the TV or the TV goes to standby mode, the i-Manual will be displayed from the top page when you select "i-Manual".




Troubleshooting

When the  (standby) indicator is flashing, count how many times it flashes (interval time is three seconds).












Press **I/** on the TV to turn it off, disconnect the AC power cord, and inform your dealer or Sony service centre of how the indicator flashes (number of flashes).

When the  (standby) indicator is not flashing, check the items in the tables as follows.

Also refer to “Troubleshooting” in the i-Manual. If the problem persists, have your TV serviced by qualified service personnel.

Condition	Explanation/Solution
There is no picture (screen is dark) and no sound.	<ul style="list-style-type: none">• Check the antenna/cable connection.• Connect the TV to the AC power, and press I/ on the TV.• If the  (standby) indicator lights up in red, press I/ on the remote.
Tiny black points and/or bright points appear on the screen.	<ul style="list-style-type: none">• The screen is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.
Some programmes cannot be tuned.	<ul style="list-style-type: none">• Check the antenna or dish.
The TV turns off automatically (the TV enters standby mode).	<ul style="list-style-type: none">• Check if the “Sleep Timer” is activated, or confirm the “Duration” setting of “On Timer”.• Check if the “Idle TV Standby” is activated.
The remote does not function.	<ul style="list-style-type: none">• Replace the batteries.• Your TV may be in SYNC mode. Press SYNC MENU, select “TV Control” and then select “Home (Menu)” or “Options” to control the TV.
The “Parental Lock” password has been forgotten.	<ul style="list-style-type: none">• Enter 9999 for the PIN code. (PIN code 9999 is always accepted.)
The TV surrounds become warm.	<ul style="list-style-type: none">• When the TV is used for an extended period, the TV surrounds become warm. You may feel hot when touching there by the hand.

Specifications

System	
Panel system	LCD (Liquid Crystal Display) Panel
TV system	Analogue: B/G, I, D/K, M, L Digital: DVB-T2 (KDL-65HX95x, KDL-55HX955 only, Depending on your country/area selection), DVB-T
Colour/video system	Analogue: PAL, SECAM, NTSC3.58, NTSC4.43 Digital: MPEG-2 MP@HL/H14L/ML, AVC BP@L3/MP@L4/HP@L4 (30Mbps max, limited tool), MPEG-4 Visual SP@L6/ASP@L5/ACEP@L4
Channel coverage	Analogue: UHF/VHF/Cable, Depending on your country/area selection Digital: UHF/VHF/Cable, Depending on your country/area selection
Sound output	10 W + 10 W + 10 W
Input/Output jacks	
Antenna (aerial)/cable	75 ohm external terminal for VHF/UHF
 COMPONENT IN	YPbPr (Component Video): 1080p (50, 60Hz), 1080i (50, 60Hz), 720p (50, 60Hz), 576p, 576i, 480p, 480i Audio input (phono jacks) Video input (common phono pin with Y input)
 VIDEO IN 2	Video input (common phono pin with Y input)
HDMI IN 1, 2, 3, 4	Video(2D): 1080p (30, 50, 60Hz), 1080/24p, 1080i (50, 60Hz), 720p (30, 50, 60Hz), 720/24p, 576p, 576i, 480p, 480i, PC Formats Video(3D): Frame Packing 1080p (30Hz), 1080/24p, 1080i (50, 60Hz), 720p (30, 50, 60Hz), 720/24p Side-by-Side 1080p (50, 60Hz), 1080/24p, 1080i (50, 60Hz), 720p (50, 60Hz) Over-Under 1080p (30, 50, 60Hz), 1080/24p, 1080i (50, 60Hz), 720p (50, 60Hz) Audio: Two channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital Analogue audio input (stereo minijack) (HDMI IN 2 only, common with PC IN) ARC (Audio Return Channel) (HDMI IN 1 only)
 VIDEO IN 1	Video/Audio input (phono jacks)
 DIGITAL AUDIO OUT (OPTICAL)	Digital optical jack (Two channel linear PCM, Dolby Digital)
 AUDIO OUT/ 	Audio output (stereo minijack) Headphones jack
Speaker Integrated Stand (KDL-55/46/40HX85x only)	Sound output for TV stand
 PC IN	Analogue RGB (Mini D-sub 15-pin)
 PC/HDMI 2 AUDIO IN	Audio input (stereo minijack) (common with HDMI IN 2)
 1,  2	USB port
 LAN	10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. 10BASE-T/100BASE-TX communication rate and communication quality are not guaranteed for this TV.)

Model name KDL-	65HX95x	55HX955	55HX85x	46HX85x	40HX85x
Power and others					
Power requirements	110 V – 240 V AC, 50/60 Hz				
Screen size (measured diagonally)	Approx. 163.9cm/ 65 inches	Approx. 138.8cm/ 55 inches	Approx. 138.8 cm/ 55 inches	Approx. 116.8 cm/ 46 inches	Approx. 101.6 cm/ 40 inches
Display resolution	1,920 dots (horizontal) × 1,080 lines (vertical)				
Power consumption	Indicated on the rear of the TV				
Dimensions (Approx.) (w × h × d)					
with Table-Top Stand (mm)	1506 × 965 × 374	1280 × 829 × 369	1274 × 808 × 341	1077 × 697 × 268	944 × 623 × 268
without Table-Top Stand (mm)	1506 × 901 × 51	1280 × 773 × 49	1274 × 750 × 35	1077 × 640 × 35	944 × 566 × 40
Mass (Approx.)					
with Table-Top Stand (kg)	47.7	29.6	26.2	20.3	17.4
without Table-Top Stand (kg)	43.6	26.7	21.7	16.6	13.7

Model name KDL-	65HX95x	55HX955	55HX85x	46HX85x	40HX85x
Supplied accessories	See "Checking the accessories" (page 6).				
Optional accessories	Wall-Mount Bracket: SU-WL50B/SU-WL500 USB Wireless LAN Adapter: UWA-BR100 3D Glasses: TDG-BR750, TDG-BR250, TDG-BR200, TDG-BR100, TDG-BR50 Camera and Microphone Unit: CMU-BR100 (except KDL-65HX953, KDL-55/46/40HX853) TV stand: SU-B553S (KDL-55HX85x) SU-B463S (KDL-46HX85x) SU-B403S (KDL-40HX85x)				
Operating temperature	0 °C – 40 °C				
Operating humidity	10 % – 80 % RH (non-condensing)				

Optional accessories availability depends on countries/region/TV model/stock.
 Design and specifications are subject to change without notice.

Installing the Accessories (Wall-Mount Bracket)

■ To Customers:

For product protection and safety reasons, Sony strongly recommends that installing 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.

Your TV can be installed using the SU-WL50B/SU-WL500 (page 27) Wall-Mount Bracket (sold separately).

- Refer to the Instructions supplied with the Wall-Mount Bracket to properly carry out the installation.
- See page 7 (Detaching the Table-Top Stand from the TV).

Sufficient expertise is required for installing this product, 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.

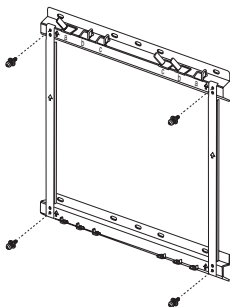
When installing the base bracket on the wall (for SU-WL50B):

- 1** Install one side of each plate to the upper bracket and the other side to the lower bracket.
- 2** Attach the base bracket to the wall.
- 3** Remove the plates.

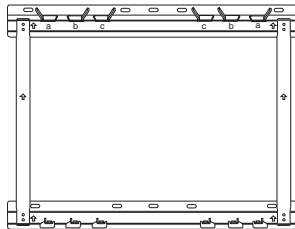


- Be sure to store the plates in a safe place after use.

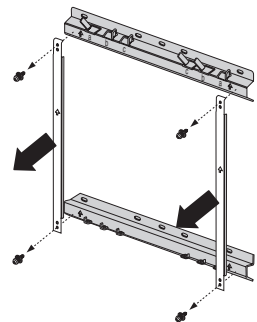
①



②



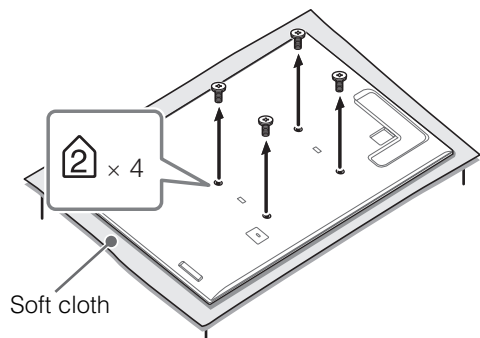
③



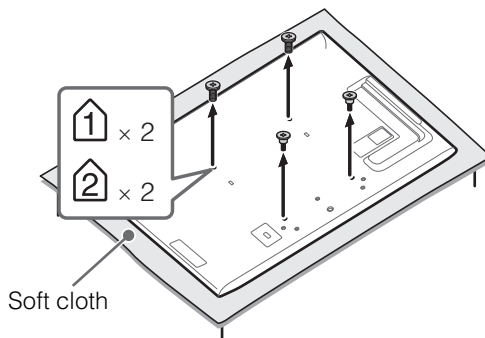
SU-WL50B/SU-WL500

When installing the TV on the wall, remove the screws from the rear of the TV. Be sure to store the removed screws in a safe place, keeping them away from children.

KDL-65HX95x

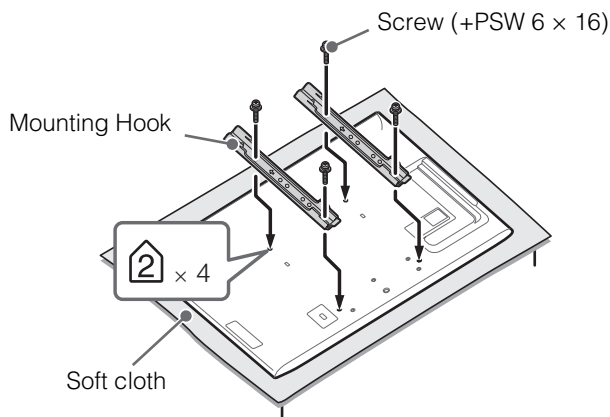


KDL-55HX955, KDL-55/46/40HX85x



- When removing the Table-Top Stand from the TV, lay the display face down on a stable work surface that is larger than the TV.
- To prevent damaging the surface of the LCD display, make sure to place a soft cloth on the work surface.

SU-WL50B/SU-WL500



- Attach the Mounting Hook using the four screws supplied with the Wall-Mount Bracket.
- When attaching the Table-Top Stand again, be sure to fasten the screws (previously removed) to the original holes on the rear of the TV.

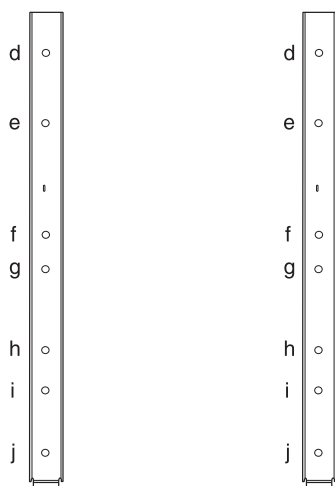
Screw and Hook locations diagram/table

Model Name KDL-	Screw location		Hook location	
	SU-WL50B	SU-WL500	SU-WL50B	SU-WL500
65HX95x	d, i	d, g	a	
55HX955	e, j		b	
55HX85x				
46HX85x				
40HX85x				

■ SU-WL50B

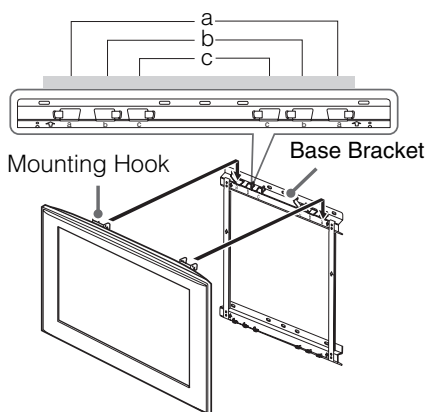
Screw location

When installing the Mounting Hook on the TV.



Hook location

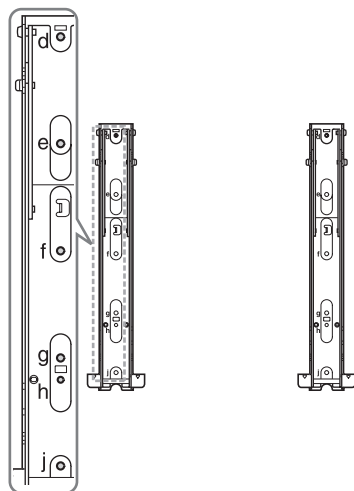
When installing the TV onto the Base Bracket.



■ SU-WL500

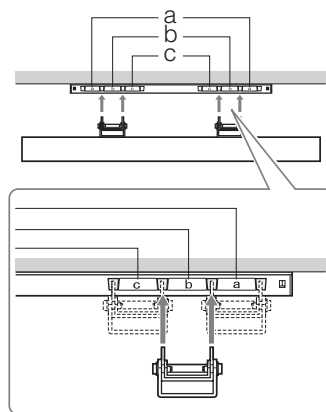
Screw location

When installing the Mounting Hook on the TV.



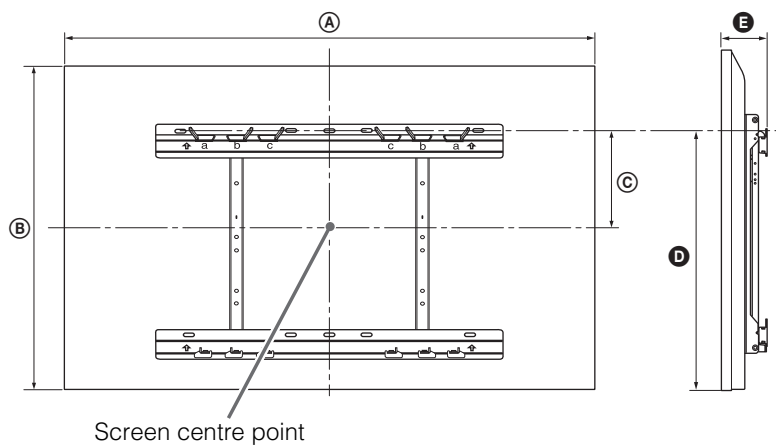
Hook location

When installing the TV onto the Base Bracket.

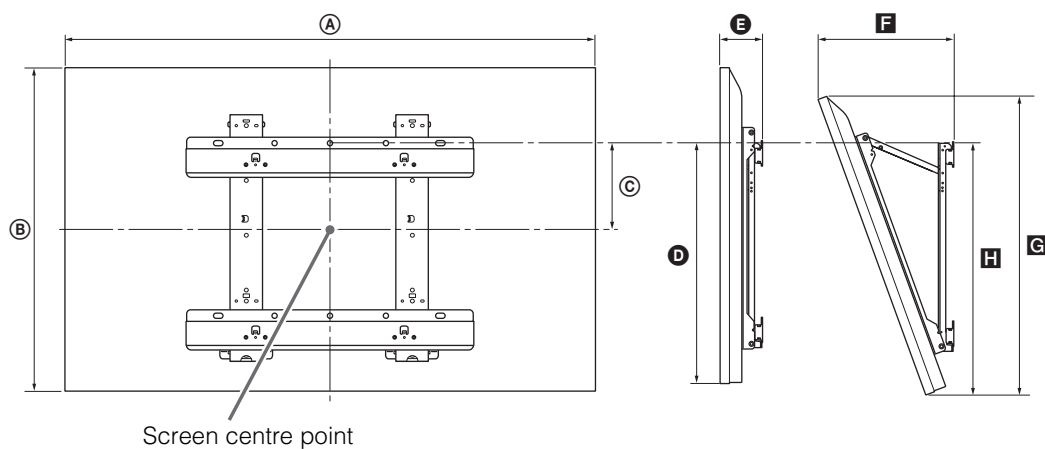


TV installation dimensions table

SU-WL50B (①)



SU-WL500 (②)



Model Name KDL-	Display dimensions		Screen centre dimension	Length for each mounting angle				
				Angle (0°)		Angle (20°)		
	A	B		C	D	E	F	G
SU-WL50B ①								
65HX95x	1506	901	53	515	110			
55HX955	1280	773	93	491	108			
55HX85x	1274	750	106	487	94			
46HX85x	1077	640	161	486	94			
40HX85x	944	566	198	486	99			
SU-WL500 ②								
65HX95x	1506	901	1	462	109	386	850	483
55HX955	1280	773	65	463	107	340	729	483
55HX85x	1274	750	78	459	93	319	705	474
46HX85x	1077	640	133	459	93	282	602	474
40HX85x	944	566	170	459	98	262	532	476

Figures in the table may differ slightly depending on the installation.

WARNING

The wall that the TV will be installed should be capable of supporting a weight of at least four times that of the TV. See page 24-25 (Specifications) for its weight.

Safety Information

WARNING

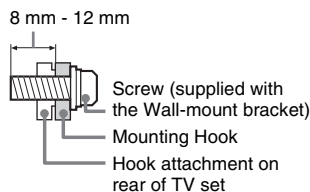
Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

Installation/Set-up

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

Installation

- The TV set should be installed near an easily accessible AC power outlet.
- Place the TV set on a stable, level surface to avoid it from falling down and cause personal injury or damage to the TV.
- Only qualified service personnel should carry out wall installations.
- For safety reasons, it is strongly recommended that you use Sony accessories, including:
 - Wall Mount Bracket: SU-WL50B/SU-WL500
 - TV stand: SU-B553S (KDL-55HX85x) SU-B463S (KDL-46HX85x) SU-B403S (KDL-40HX85x)
- Be sure to use the screws supplied with the Wall-mount bracket when attaching the mounting hooks to the TV set. The supplied screws are designed so that they are 8 mm to 12 mm in length when measured from the attaching surface of the mounting hook. 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.



Transporting

- Before transporting the TV set, disconnect all cables.
- Two or three 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 LCD panel and the frame around the screen.

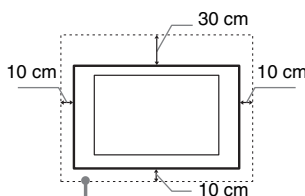


- When transporting the TV set, do not subject it to jolts or excessive vibration.
- When transporting the TV set for repairs or when moving, pack it using the original carton and packing material.

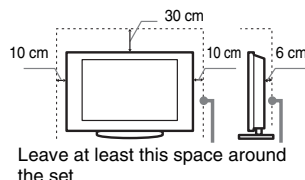
Ventilation

- Never cover the ventilation holes or insert anything in the cabinet.
- Leave space around the TV set as shown below.
- It is strongly recommended that you use a Sony wall-mount bracket in order to provide adequate air-circulation.

Installed on the wall

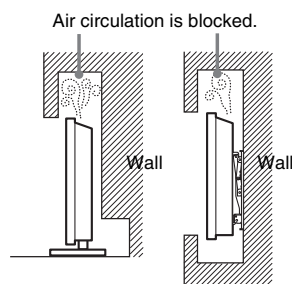


Installed with stand



- To ensure proper ventilation and prevent the collection of dirt or dust:
 - Do not lay the TV set flat, install upside down, backwards, or sideways.
 - Do not place the TV set on a shelf, rug, bed or in a closet.
 - Do not cover the TV set with a cloth, such as curtains, or items such as newspapers, etc.

- Do not install the TV set as shown below.



AC power cord

Handle the AC power cord and outlet as follows in order to avoid any risk of fire, electrical shock or damage and/or injuries:

- Use only Sony supplied AC power cords, not those of other brands.
- Insert the plug fully into the AC power outlet.
- Operate the TV set on a 110–240 V AC supply only.
- When wiring cables, be sure to unplug the AC power cord for your safety and take care not to catch your feet on the cables.
- Disconnect the AC power cord from the AC power outlet before working on or moving the TV set.
- Keep the AC power cord away from heat sources.
- Unplug the AC power plug and clean it regularly. If the plug is covered with dust and it picks up moisture, its insulation may deteriorate, which could result in a fire.

Notes

- Do not use the supplied AC power cord on any other equipment.
- Do not pinch, bend, or twist the AC power cord excessively. The core conductors may be exposed or broken.
- Do not modify the AC power cord.
- Do not put anything heavy on the AC power cord.
- Do not pull on the AC power cord itself when disconnecting the AC power cord.
- Do not connect too many appliances to the same AC power outlet.
- Do not use a poor fitting AC power outlet.

Prohibited Usage

Do not install/use the TV set in locations, environments or situations such as those listed below, or the TV set may malfunction and cause a fire, electrical shock, damage and/or injuries.

Location:

- Outdoors (in direct sunlight), at the seashore, on a ship or other vessel, inside a vehicle, in medical institutions, unstable locations, near water, rain, moisture or smoke.
- If the TV is placed in the changing room of a public bath or hot spring, the TV may be damaged by airborne sulfur, etc.



- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may cause moisture condensation. This may cause the TV to show poor picture and/or poor colour. Should this occur, allow moisture to evaporate completely before powering the TV on.
- Never spray water or detergent directly on the TV set. It may drip to the bottom of the screen or exterior parts and enter the TV set, and may cause damage to the TV set.



Environment:

- Places that are hot, humid, or excessively dusty; where insects may enter; where it might be exposed to mechanical vibration, near flammable objects (candles, etc). The TV set shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the TV.
- Do not place the TV in a humid or dusty space, or in a room with oily smoke or steam (near cooking tables or humidifiers). Fire, electric shock, or warping may result.

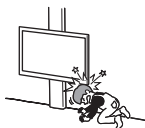


- Do not install the TV in places subject to extreme temperature, such as in direct sunlight, near a radiator or a heating vent. The TV may overheat in such conditions which can cause deformation of the enclosure and/or TV malfunction.



Situation:

- Do not use when your hands are wet, with the cabinet removed, or with attachments not recommended by the manufacturer. Disconnect the TV set from AC power outlet and antenna during lightning storms.
- Do not install the TV so that it sticks out into an open space. Injury or damage from a person or object bumping into the TV may result.



Broken pieces:

- Do not throw anything at the TV set. The screen glass may break by the impact and cause serious injury.
- If the surface of the TV set cracks, do not touch it until you have unplugged the AC power cord. Otherwise electric shock may result.

When not in use

- If you will not be using the TV set for several days, the TV set should be disconnected from the AC power for environmental and safety reasons.
- As the TV set is not disconnected from the AC power when the TV set is just turned off, pull the plug from the AC power outlet to disconnect the TV set completely.
- However, some TV sets may have features that require the TV set to be left in standby to work correctly.

For children

- Do not allow children to climb on the TV set.
- Keep small accessories out of the reach of children, so that they are not mistakenly swallowed.

If the following problems occur...

Turn off the TV set and unplug the AC power cord immediately if any of the following problems occur.

Ask your dealer or Sony service centre to have it checked by qualified service personnel.

When:

- AC power cord is damaged.
- Poor fitting of AC power outlet.
- TV set is damaged by being dropped, hit or having something thrown at it.
- Any liquid or solid object falls through openings in the cabinet.

About LCD Monitor Temperature

When the LCD Monitor is used for an extended period, the panel surrounds become warm.

You may feel hot when touching there by the hand.

Precautions

Viewing the TV

- Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images or playing stereoscopic 3D games. Sony recommends that all viewers take regular breaks while watching 3D video images or playing stereoscopic 3D games. The length and frequency of necessary breaks will vary from person to person. You must decide what works best. If you experience any discomfort, you should stop watching the 3D video images or playing stereoscopic 3D games until the discomfort ends; consult a doctor if you believe necessary. You should also review (i) the instruction manual of any other device or media used with this television and (ii) our website (<http://www.sony-asia.com/support>) for the latest information. The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images or play stereoscopic 3D games. Adults should supervise young children to ensure they follow the recommendations listed above.
- Do not use, store, or leave the 3D Glasses or battery near a fire, or in places with a high temperature, e.g., in direct sunlight, or in sun-heated cars.
- When using the simulated 3D function, please note that the displayed image is modified from the original due to the conversion done by this television.
- View the TV in moderate light, as viewing the TV in poor light or during long period of time, strains your eyes.
- When using headphones, adjust the volume so as to avoid excessive levels, as hearing damage may result.

LCD Screen

- Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LCD screen. This is a structural property of the LCD screen and is not a malfunction.
- Do not push or scratch the front filter, or place objects on top of this TV set. The image may be uneven or the LCD screen may be damaged.

- If this TV set is used in a cold place, a smear may occur in the picture or the picture may become dark. This does not indicate a failure. These phenomena disappear as the temperature rises.
- Ghosting may occur when still pictures are displayed continuously. It may disappear after a few moments.
- The screen and cabinet get warm when this TV set is in use. This is not a malfunction.
- The LCD screen contains a small amount of liquid crystal. Follow your local ordinances and regulations for disposal.
- Do not subject the LCD screen to any strong impact or shock. The screen glass may crack or shatter and cause injury.



Handling and cleaning the screen surface/cabinet of the TV set

Be sure to unplug the AC power cord connected to the TV set from AC power outlet before cleaning.

To avoid material degradation or screen coating degradation, observe the following precautions.

- To remove dust from the screen surface/cabinet, wipe gently with a soft cloth. If dust is persistent, wipe with a soft cloth slightly moistened with a diluted mild detergent solution.
- Never spray water or detergent directly on the TV set. It may drip to the bottom of the screen or exterior parts and enter the TV set, and may cause damage to the TV set.



- Never use any type of abrasive pad, alkaline/acid cleaner, scouring powder, or volatile solvent, such as alcohol, benzene, thinner or insecticide. Using such materials or maintaining prolonged contact with rubber or vinyl materials may result in damage to the screen surface and cabinet material.
- Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.

- When adjusting the angle of the TV set, move it slowly so as to prevent the TV set from moving or slipping off from its table stand.

Optional Equipment

Keep optional components or any equipment emitting electromagnetic radiation away from the TV set.

Otherwise picture distortion and/or noisy sound may occur.

Wireless Function of the unit

- Do not operate this unit near medical equipment (pacemaker, etc.), as malfunction of the medical equipment may result.
- Although this unit transmits/receives scrambled signals, be careful of unauthorised interception. We cannot be responsible for any trouble as a result.

(Caution about handling the remote control)

Notes

- Observe the correct polarity when inserting batteries.
- Do not use different types of batteries together or mix old and new batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate the disposal of batteries. Please consult your local authority.
- Handle the remote with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote in a location near a heat source, a place subject to direct sunlight, or a damp room.

Disposal of the TV set



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other

European countries with separate collection systems)

This symbol is on the remote control.

Disposal of the TV set



India only

Disposal of Old Electrical & Electronic Equipment (Applicable in Republic of India)

This symbol indicates that this product shall not be treated as household waste and may not be dropped in garbage bins. Product owners are advised to deposit their product at the nearest collection point for the recycling of electrical and electronic equipment. Your co-operation shall facilitate proper disposal & help prevent potential negative consequences/hazards to the environment and human health, which could otherwise be caused by inappropriate waste disposal including improper handling, accidental breakage, damage and/ or improper recycling of e-waste. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local civic office, your household waste disposal service provider or the store where you made the purchase. You may contact our company's toll free number in India for assistance.

Instructions about “Installing Wall Mount Bracket” are included within this TV’s instructions manual.



Customer Support:

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



<http://www.sony.net/>

4-411-920-**16**(1)