

SONY®

Television

Operating Instructions

Getting Started

Parts and Controls

Watching TV

Navigating through Home Menu

Viewing Pictures from Connected
Equipment

Additional Information

Lea este manual antes de usar el
producto

Centro de Asistencia de Sony

<http://esupport.sony.com/ES/LA/>

Llame al número telefónico que aparece en
su póliza de garantía.

Por favor no devuelva el producto a la tienda
donde adquirió el producto.

BRAVIA

KDL-40R370C / 32R320C

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Introduction

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

Note

- Images and illustrations used in Startup Guide and this manual are for reference only and may differ from actual product appearance.

The 40" class has a 40 inch (101.6 cm) viewable image size and 32" class has a 31.5 inch (80 cm) viewable image size (measured diagonally).

Location of the identification label

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

IMPORTANT NOTICE

Owner's Record

The model and serial numbers are located at the side and rear of the TV. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this TV.

Model Name

Serial No.

CAUTION

To prevent electric shock and blade exposure, do not use this AC plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted.

- Operate the TV only on DC 19.5 V (with AC adapter).

Cleaning

When cleaning, be sure to unplug the power cord to avoid any chance of electric shock.

- Wipe the LCD screen gently with a soft cloth.
- Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never use strong solvents such as a thinner, alcohol or benzene for cleaning.
- See the supplied Safety Booklet for additional information.

Safety Information

Note

This television includes a QAM demodulator which should allow you to receive unscrambled digital cable television programming via subscription service to a cable service provider. Availability of digital cable television programming in your area depends on the type of programming and signal provided by your cable service provider.

WARNING

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

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

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

US

NOTE ON AC ADAPTER

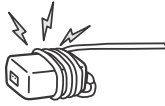
Warning

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To prevent fire or shock hazard, do not place objects filled with liquids, such as vases, on the apparatus.

Do not install this equipment in a confined space, such as a bookshelf or similar unit.

- Please ensure that the AC power outlet is installed near the equipment and shall be easily accessible.
- Be sure to use the supplied AC adapter and AC power cord. Otherwise it may cause a malfunction.
- Connect the AC adapter to an easily accessible AC power outlet.
- Do not coil the AC power cord around the AC adapter. The core wire may be cut and/or it may cause a malfunction of the TV.
- Do not touch the AC adapter with wet hands.
- If you notice an abnormality in the AC adapter, disconnect it from the AC power outlet immediately.
- The set is not disconnected from the AC source as long as it is connected to the AC power outlet, even if the set itself has been turned off.
- As the AC adapter will become warm when it is used for a long time, you may feel hot when touching it by hand.



The New BRAVIA® LCD HDTV

Congratulation! Your new BRAVIA® TV opens the door to the “Stunning HD Experience” This document will help you get the most out of your TV. Please take a moment to register your TV at:
<http://esupport.sony.com/LA/perl/registration.pl>

Four Steps to a Stunning HD Experience

Set, Source, Sound, and Setup.

1 Set

Now that you have made the best selection in LED backlit LCD TV technology, be sure to remove all accessory contents from the packaging before setting up your TV.

2 Source

To experience the stunning detail of your BRAVIA TV, you need access to HD programming.

- Upgrade your signal or content source to high-definition (HD) by contacting your HD service provider.

- Receive over-the-air HD broadcasts with an HD-quality antenna connected directly to the back of your TV. Visit <http://www.antennaweb.org> for more information on antenna selection and setup.
- Discover the wealth of entertainment now available on super-high resolution Blu-ray Disc™ player and other Sony HD equipment.

3 Sound






Complete the high-definition experience with a BRAVIA Sync™ surround sound system or A/V receiver from Sony.

4 Setup

Install your TV and connect your sources. See page 25 for sample connection diagrams. To help assure the highest quality for your HD experience, use Sony HDMI (High-Definition Multimedia Interface) cables.

US

The following chart shows the high-definition (HD) and standard-definition (SD) video formats supported by your BRAVIA TV inputs.

INPUT Connector	VIDEO	AUDIO	High or Standard Definition Quality						
	Connection		1080/24p	1080p	1080i	720p	480p	480i	PC
HDMI 1 (ARC)/ HDMI 2	 HDMI connection	HDMI cable carries both video and audio signals.	HD	HD	HD	HD	SD	SD	*1
COMPONENT	 Component connection	 Audio L/R		HD	HD	HD	SD	SD	
VIDEO	 Composite video connection	 Audio L/R						SD	

*1 For supported PC formats refer to the “Specification” in this manual.

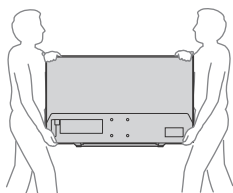
Getting Started

Setting Up Your TV

Some TV models are packaged with a detached Table-Top Stand so you can mount your TV to a wall right away. See page 32 (Using a Wall-Mount Bracket) if you want to mount the TV to a wall. If you are not mounting the TV to a wall, you will need to attach the Table-Top Stand. You will need a Phillips screwdriver (not supplied) and the supplied screws to complete the task. Look for the supplied Startup Guide.

Be sure to consider the following while setting up your TV:

- Disconnect all cables when carrying the TV.
- Carry the TV with the adequate number of people; larger size TVs require two or more people.
- Correct hand placement while carrying the TV is very important for safety and to avoid damage.
- Do not put stress on the LCD panel or the frame around the screen.



- Ensure your TV has adequate ventilation, see page 33.
- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid installing the TV in a room with reflective wall and floor materials.
- 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 color. Should this occur, allow moisture to evaporate completely before powering the TV on.

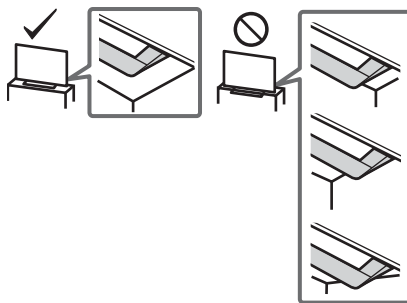
Securing the TV



Sony strongly recommends taking measures to prevent the TV from toppling over. Unsecured TVs may topple and result in property damage, serious bodily injury or even death.

Preventing the TV from Toppling

- Secure the TV to a wall and/or Stand.
- Do not allow children to play or climb on furniture and TV sets.
- Avoid placing or hanging items on the TV.
- Never install the TV on:
 - slippery, unstable and/or uneven surfaces.
 - furniture that can easily be used as steps, such as a chest of drawers.
- 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 Stand (not supplied). If the Table-Top Stand protrudes out from the Stand, it may cause TV set to topple over, fall down, and cause personal injury or damage to the TV.



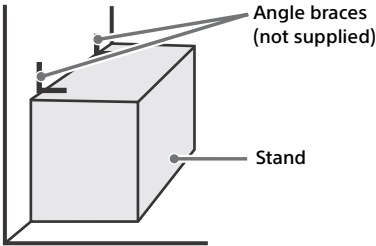
- Route all AC power cords and connecting cables so that they are not accessible to curious children.

Recommended Measures to Secure the TV

Consider the following measures when securing your TV to a Stand (not supplied).

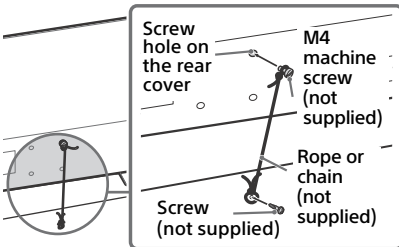
- Secure the Stand for the TV. Make sure the Stand can adequately support the weight of the TV. Use two angle braces (not supplied) to secure the Stand. For each angle brace use the appropriate hardware to:

- Attach one side of the angle brace to the wall stud.
- Attach the other side to the Stand.

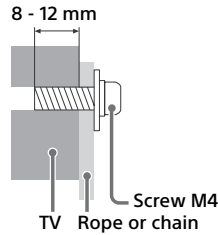


- Secure the TV to the Stand. Use the optional hardware listed as follows (not supplied):

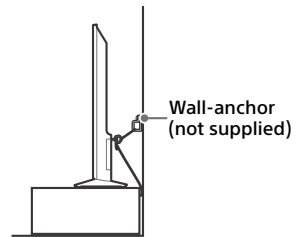
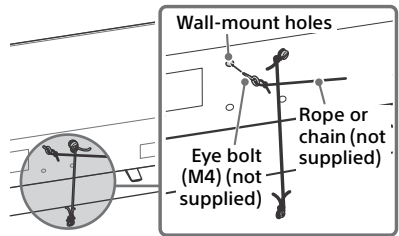
- M4 machine screws (screwed into the TV's rear cover).
- A screw or similar (attach it to the Stand).
- Rope or chain (strong enough to support the weight of the TV). Make sure that there is no excess slack in the rope or chain.



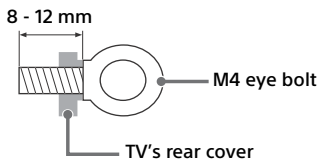
The length of the M4 machine screw differs depending on the rope or chain diameter. Please refer to below illustration.



- Anchor the TV to the wall by using bolts, wall anchor and chain (or rope).



Please see below illustration for M4 eye bolt length.



Note

- Your TV is shipped with screws attached to the rear of the TV depending on the TV model. (They are fastened in the screw holes for wall mounting.)
- Securing the TV to the Stand without securing the TV and the Stand to the wall provides minimum protection against the TV toppling over. For further protection, be sure to follow the three measures recommended.

Precautions

How to care for your BRAVIA TV

Safety is very important. Please read and follow the safety documentation (Safety Booklet) separately provided.

Unplug the TV and other connected equipment from the wall outlet before you begin cleaning your TV.

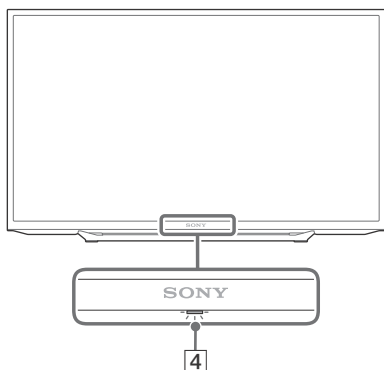
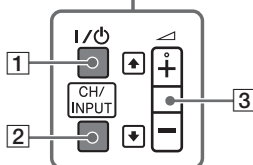
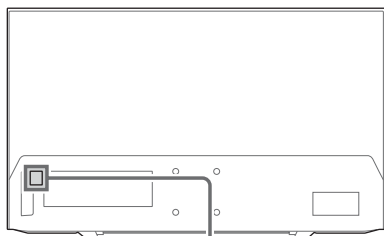


- Wipe the LCD screen gently with a soft cloth.
- Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never spray water or detergent directly on the 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 strong solvents such as a thinner, alcohol or benzine for cleaning.
- Do not plug in the TV into the wall outlet until the moisture from cleaning has evaporated.

The TV should also be placed on a stable surface to prevent it from toppling over (see page 6). If you have young children or pets at home, check regularly to ensure the TV is securely fastened.

Parts and Controls

TV



1 I/⏻ (Power)

Turns the TV on or switches to standby mode.

Note

- To disconnect the TV from the AC power completely, pull the plug from the AC power outlet.

2 CH/INPUT

Switches between the CH Up/Down screen and the input select screen.

3 ⏪ + / - / ⏩ / ⏴ / ⏵

- Increases/decreases the volume, or selects the next (+) or previous (-) channel when the CH Up/Down notification is displayed by pressing the **CH/INPUT** button.
- Moves the selected input source up/down when the input select menu is displayed by pressing the **CH/INPUT** button.

4 (Sensors/LED indicator)

- Receives signals from remote control. Do not put anything over the sensor. Doing so may affect its function.
- Lights up in amber when the [Sleep Timer] or [On Timer] is set (page 22), or the TV is in [Photo Frame Mode] (page 14).
- Lights up in green when [Power Saving] is set to [Picture Off] (page 24).
- Lights up in green when the TV is turned on.
- Does not light up when the TV is in standby mode.
- Flashes while the remote is being operated.

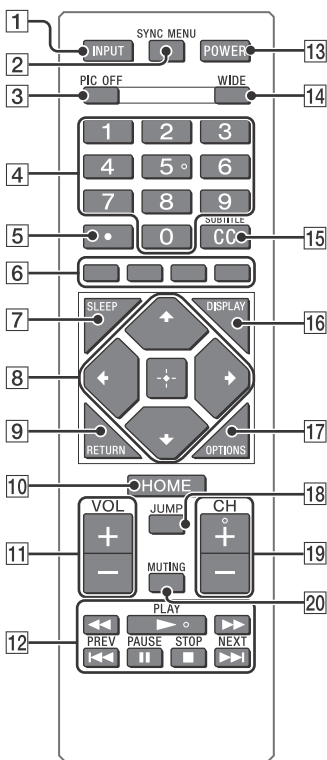
Note

- Make sure that the TV is completely turned off before unplugging the AC power cord.

Hint

- The ⏪ + button has a tactile dot. Use it as a reference when operating the TV.

Remote Control



1 INPUT

Displays and selects the input source (page 31).

2 SYNC MENU

Press to display the BRAVIA Sync Menu and then select connected HDMI equipment from [Device Selection]. The following options can be selected from BRAVIA Sync Menu.

Device Control:

Use the [Device Control] to operate equipment that is compatible with BRAVIA Sync Control. Select options from [Home (Menu)], [Options], [Content List] and [Power Off] to operate the equipment.

Speakers:

Select [TV Speakers] or [Audio System] to output the TV's sound from the TV speakers or connected audio equipment.

TV Control:

Use the [TV Control] menu to operate the TV from the [Home (Menu)] or [Options] menu.

Return to TV:

Select this option to return to TV program.

3 PIC OFF

Press to turn picture off, and sound remains on.

4 0-9

Select channels. For channel numbers 10 and above, enter the next digit quickly.

5

Use with 0-9 to select digital channels. For example, to enter 2.1, press , , and .

6 Color buttons

Displays operation guide (when colored buttons are available).

7 SLEEP

Press repeatedly until the TV displays the time in minutes [Off]/[15 min]/[30 min]/[45 min]/[60 min]/[90 min]/[120 min] that you want the TV to remain on before shutting off. To cancel the sleep timer, press **SLEEP** repeatedly until [Off] appears.

8

- Select or adjust items.
- Confirm selected items.

9 RETURN

- Returns to the previous screen of any displayed menu.
- Stops playback when playing photo/music/video file.

10 HOME

Displays or cancels the menu.

11 VOL +/-

Adjusts volume.

12 (PLAY) / (PREV) / (PAUSE) / (STOP) / (NEXT)

- Operates the connected BRAVIA Sync-compatible equipment.
- These keys can also be used to operate USB media playback.

13 POWER

Turns the TV on or switches to standby mode.

14 WIDE

Adjusts the screen display. Press repeatedly to select the desired wide mode (page 13).

15 CC/SUBTITLE

Changes the subtitle setting (page 21).

16 DISPLAY

Displays information. Press once to display information about the program/input you are viewing. Press again to remove the display from the screen.

17 OPTIONS

Displays a list that contains shortcuts to some setting menus. The listed options vary depending on the current input and content.

18 JUMP

Returns to the previous channel or input viewed more than 15 seconds.

19 CH +/-

Select the next (+) or previous (-) channel.

20 MUTING

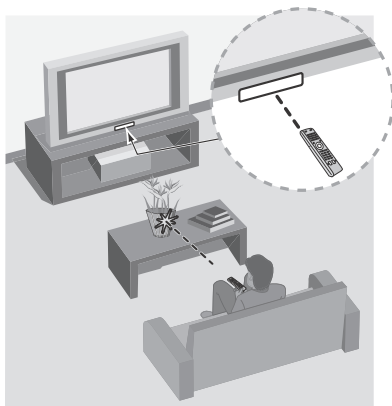
Mutes the sound. Press again to restore the sound.

Hint

- The number 5, ► and CH + buttons have a tactile dot. Use the tactile dots as references when operating the TV.

Guidelines for Remote Control

- Point your remote control directly at the IR sensor located on your TV.
- Make sure that no objects are blocking the path between the remote control and the IR sensor on your TV.



- Fluorescent lamps can interfere with your remote control; try turning off the fluorescent lamps.
- If you are having problems with the remote control, reinsert or replace your batteries and make sure that they are correctly inserted.

Watching TV

- 1 Press **I/⏻** on the TV or **POWER** on the remote control to turn on the TV.
- 2 Press **PIC OFF** to turn picture off, and sound remains on.
- 3 Press the number buttons or **CH +/-** to select a TV channel.
- 4 Press **VOL +/-** to adjust the volume.

Select Your Content Source

Whether you are watching cable or broadcast TV; playing a VCR, DVD or Blu-ray Disc; or connecting to your PC, you need to choose the correct input using your remote control:

- Press the **INPUT** button repeatedly until your selection is highlighted on-screen.

Adjust Screen Shape and Aspect Ratio

High Definition and Standard Definition signals are transmitted with different aspect ratios (the width-to-height ratio of the image).

The 16:9 aspect ratio (common to most HD signals) looks perfect on your **BRAVIA**.



The boxy 4:3 aspect ratio (common to most SD signals) must be adjusted to fill the screen.



- Press the **WIDE** button on your remote control to display the [Wide Mode] setting of your preference.

Customize Sound and Picture Quality

You can choose optimum sound and picture settings to match the content you are displaying on your TV:

- Press the remote control's **HOME** button, select [Settings] → [Preferences], then select the [Picture] and [Sound] settings to adjust the picture and sound quality of your content.

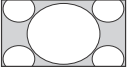
Refer to your operating instructions manual for more information on adjusting or customizing your settings.

Changing the Viewing Style

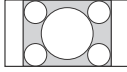
Changing the Wide Mode

- 1 Press **WIDE** repeatedly to select the wide mode.

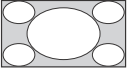
[Wide Zoom]*



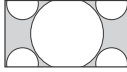
[Normal]



[Full]



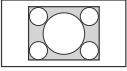
[Zoom]*



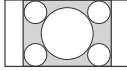
* Parts of the top and bottom of the picture may be cut off.

For HDMI PC Input (PC timing)

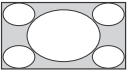
[Normal]



[Full 1]



[Full 2]



Setting Scene Select

- 1 Press **OPTIONS**.
- 2 Press \uparrow/\downarrow then \square to select [Scene Select].

When you select the desired scene option, the optimum sound and picture quality for selected scene are automatically set. The options you can select may vary. Unavailable options are greyed out.

Navigating through Home Menu

The **HOME** button allows you to access a variety of TV settings and features.

1 Press **HOME**.



2 Press \uparrow/\downarrow to select an option, then press \square .

Favorites

1 Press **HOME**.

2 Press \uparrow/\downarrow then \square to select [Favorites].



3 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ then \square to select a program.

Applications

Using the TV as a Photo Frame

Photo Frame displays the clock and calendar at the same time as displaying a photo and listening to music.

1 Press **HOME**.

2 Press \uparrow/\downarrow then \square to select [Applications].

3 Press \square to select [Photo Frame Mode].



To launch Photo Frame while playback USB media

1 Press **OPTIONS** while playback a photo or music file.

2 Press \uparrow/\downarrow then \square to select [Photo Frame Mode] to launch Photo Frame.

To select Display mode

You can change the photo frame display by selecting [Display Mode] in the [Photo Frame Settings] (page 20).

To select Clock Display mode

You can select among three clock display modes by selecting [Clock Display] in the [Photo Frame Settings] (page 20).

Note

- This TV does not have a battery powered backup for the clock. If there is a power failure or if you disconnect the power cord, the current date and time will reset automatically.

Duration

To save power, the TV continually plays back in [Photo Frame Mode] for up to 24 hours before powering off automatically. After automatic power off, do not use [Photo Frame Mode] for at least one hour to avoid panel burn-in.

You can change the setting of the [Duration] in the [Photo Frame Settings] (page 21).

To avoid panel burn-in, the position of the photo, clock and calendar are switched automatically every hour.

Media

Playback Photo/Music/Video via USB

You can enjoy photo/music/video files stored in a Sony digital still camera or camcorder through a USB cable or USB storage device on your TV.

- 1 Connect a supported USB device to the TV.
- 2 Press **HOME**.
- 3 Press \uparrow/\downarrow then \square to select [Media].
- 4 Press \uparrow/\downarrow then \square to select [Photo], [Music] or [Video].
If a Card Reader is connected, press the yellow button to select [Playback Method] then [Device Selection] to select the appropriate USB device.
- 5 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ then \square to select a file or folder.

Playback Method

Press the yellow color button in thumbnail view to display list of USB playback settings.

To adjust the picture and sound quality of USB media

- 1 Press **OPTIONS** during media playback.
- 2 Press \uparrow/\downarrow then \square to select [Picture Adjustments] or [Sound Adjustments].
- 3 Press $\uparrow/\downarrow/\leftarrow/\rightarrow$ then \square to select and adjust an item.

To play a photo as a slideshow (Photo)

- 1 Press the blue button in thumbnail view to start slideshow. To set [Slideshow Effect] and [Slideshow Speed], press **OPTIONS** → [Playback Method]. To stop a slideshow, press **RETURN**.

Note

- While the TV is accessing the data on a USB device, observe the following:
 - Do not turn off the TV.
 - Do not disconnect the USB cable.
 - Do not remove the USB device.The data on the USB device may be damaged.
- Sony will not be held liable for any damage to, or loss of, data on the recording media due to a malfunction of any connected devices or the TV.
- USB Auto Start shows photo files in the newest digital still camera folder (DCF-compliant, highest-numbered "DCIM" folder).
- USB Auto Start may not work automatically when some digital still cameras are connected.
- The file system on the USB device supports FAT16, FAT32 and NTFS.
- The file name and folder name may not display correctly in some cases.
- When you connect a Sony digital still camera, set the camera's USB connection mode to Auto or Mass Storage. For more information about USB connection mode, refer to the instructions supplied with your digital camera.
- Use a USB storage device that is compliant with USB mass storage device class standards.
- If a selected file has incorrect container information, or is incomplete, it cannot be played back.

USB Video format

- AVI (.avi)
 - Video Codec: MPEG1, MPEG2, XviD, MPEG4, H.264, Motion JPEG
 - Audio Codec: PCM, MPEG1 Layer1/2, MP3, MPEG2 AAC (2ch), MPEG4 AAC (2ch), MPEG4 HE-AAC (2ch), Dolby Digital (2ch), WMA v8
- ASF (.wmv, .asf)
 - Video Codec: WMV v9, Xvid, VC-1
 - Audio Codec: MP3, WMA v8
- MP4 (.mp4, .mov, .3gp)
 - Video Codec: MPEG4, H.264, H.263, Motion JPEG
 - Audio Codec: MPEG1 Layer1/2, MP3, MPEG2 AAC, MPEG4 AAC, MPEG4 HE-AAC

- MKV (.mkv)
 - Video Codec: WMV v9, MPEG4, H.264, VC-1, VP8
 - Audio Codec: PCM, MPEG1 Layer1/2, MP3, MPEG2 AAC (2ch), MPEG4 AAC (2ch), MPEG4 HE-AAC (2ch), Dolby Digital (2ch), WMA v8, DTS, DTS 2.0, VORBIS
- WebM (.webm)
 - Video Codec: VP8
 - Audio Codec: VORBIS
- PS (.mpg, .mpeg, .vro, .vob)
 - Video Codec: MPEG1, MPEG2
 - Audio Codec: MPEG1 Layer1/2, MP3, Dolby Digital (2ch), DTS, DTS 2.0
- TS (.ts, .m2ts)
 - Video Codec: MPEG2, H.264, VC-1
 - Audio Codec: MPEG1 Layer1/2, MP3, MPEG2 AAC, MPEG4 AAC, MPEG4 HE-AAC, Dolby Digital (2ch), DTS, DTS 2.0

USB Music format

- LPCM (.wav)
- MPEG1 audio layer3 (.mp3)
- WMA v8 (.wma)

USB Photo format

- JPEG (.jpg, .jpeg)

Note

- Playback of the above file formats is not guaranteed.

Settings

Preferences

Note

- The options you can adjust vary depending on the situation. Unavailable options are greyed out or not displayed.



Picture

Picture Mode

Sets a picture mode.

The options that can be selected differ depending on the [Scene Select] settings.

Reset

Resets all the [Picture] settings except [Picture Mode] to the default settings.

Backlight

Adjusts the brightness of the backlight.

Picture

Increases or decreases picture contrast.

Brightness

Brightens or darkens the picture.

Color

Increases or decreases color intensity.

Hue

Increases or decreases the green tones and red tones.

Sharpness

Sharpens or softens the picture.

Color Temperature

Adjusts the whiteness of the picture.

Noise Reduction

Reduces the picture noise (snowy picture) in a weak broadcast signal.

MPEG Noise Reduction

Reduces the picture noise in MPEG-compressed video.

CineMotion

Provides improved picture movement when playing BD (Blu-ray Disc), DVD or VCR images taken on film, reducing picture blur and graininess. Select [Auto] to represent original film-based content as it is.

Note

- If the image contains irregular signals or too much noise, [CineMotion] is automatically turned off even if [Auto] is selected.

Advanced Settings

Sets [Picture] settings in more detail.

Reset: Resets all the advanced settings to the factory settings.

Adv. Contrast Enhancer:

Automatically adjusts [Backlight] and [Picture] to the most suitable settings judging from the brightness of the screen. This setting is especially effective for dark images scenes, and will increase the contrast distinction of the darker picture scenes.

Black Corrector: Enhances black areas of the picture for stronger contrast.

Gamma: Adjusts the balance between bright and dark areas of the picture.

Clear White: Emphasizes white colors.

Live Color: Makes colors more vivid.

LED Motion Mode: Reduces blur in movies by controlling the LED backlight source, but the brightness decreases.

Sound

Sound Mode

Select according to content you want to enjoy.

Reset

Reset [Equalizer], [Clear Voice], [Steady Sound], [Balance] and [Volume Offset] settings.

Equalizer

Adjusts sound frequency settings.

Clear Voice

Makes voices sound clearer.

Steady Sound

Select [On] to stabilize the volume across all programs and commercials. Select [Off] to disable this function.

Balance

Emphasizes left or right speaker balance.

Volume Offset

Adjusts the volume level of the current input relative to other inputs.

MTS Audio

Enjoy stereo, bilingual and mono programs.

Stereo: Select for stereo reception when viewing a program broadcast in stereo.

Auto SAP: Select to automatically switch the TV to second audio programs when a signal is received. If no SAP signal is present, the TV remains in [Stereo] mode.

Mono: Select for mono reception. Use to reduce noise during weak stereo broadcasts.

Alternate Audio

Digital channels only.

Select among the available options to switch among the alternate audio streams. The program you are tuned to may be broadcasted in a different language in the alternate audio streams.

Advanced Settings

Dynamic Range: Compensates for differences in the audio level between different channels.

Note

- The effect may not function or may vary depending on the program regardless of the [Dynamic Range] setting.

HE-AAC Audio Level: Adjust the HE-AAC audio sound level.

MPEG Audio Level: Adjusts the MPEG audio sound level.



Screen

Wide Mode

For details about wide mode, see page 13.

Auto Wide

Automatically changes the wide mode according to the input signal from an external equipment. To keep your setting, select [Off].

Hint

- Even if [Auto Wide] is set to [On] or [Off], you can always modify the format of the screen by pressing **WIDE** repeatedly.

4:3 Default

Sets the default [Wide Mode] for a 4:3 input signal.

Auto Display Area

Select [On] to automatically adjust the display area based upon the content or [Off] to choose from the [Display Area] options.

Display Area

Adjusts the picture display area.

Horizontal Center

Adjusts the horizontal position of the picture.

Vertical Center

Adjusts the vertical position of the picture.

PC Settings

Adjust the picture size, see page 13.


Channel

Signal Type

Cable: Select if you are receiving cable channels via Cable TV provider.

Antenna: Select if you are using an antenna.

Auto Program




Automatically sets up the channel list on the TV for all receivable channels. Select [Auto Program] then press .




Add Digital Channels

Select [Add Digital Channels].
Select [OK] to add digital channels.

Show/Hide Channels




Allows you to show or hide channels that appear when you use the **CH +/-** buttons.





Press / to scroll through the channels until you find the channel you want to show or hide. Then press  to select it.

Press / to determine if the channel will be shown or hidden. Then press  to select it.

Edit Channel Labels

Allows you to assign labels (such as station call letters) to channel numbers.

Press / to scroll through the channel numbers. Then press  to select the channel number that you want to assign a label.

Press / to scroll through the label characters ([A-Z], [0-9], etc.). Press  to move to the next character. Repeat the previous steps to add up to seven characters to the label. When finished, press .

Analog Channel Adjustment

Channel: Selects a channel number.

Analog Fine Tune: [Custom] selection allows you to fine-tune the selected analog channel manually if you feel that a slight tuning adjustment may improve picture quality. Select [Auto] to adjust to the most appropriate analog channel.

Audio Filter: Select [Low] or [High] to improve the sound of individual channels when distortion occurs in mono broadcasts.



Parental Lock

Password

Sets a PIN code to block channels and external inputs. Use **0-9** on the remote to enter a four-digit password.

Change Password

Select to change your password.

Country

U.S.A.: Select to use U.S.A. ratings.

Canada: Select to use Canadian ratings.

Rating

Off: Turn parental rating off. No programs are blocked from viewing.

Child: Maximum ratings permitted are:

U.S.: TV-Y, TV-G, G

Canada: C, G, TV-Y, TV-G

Youth: Maximum ratings permitted are:

U.S.: TV-Y, TV-Y7, TV-G, TV-PG, G, PG

Canada: C, G, C8+, PG, 8 ans+, TV-Y, TV-Y7, TV-G, TV-PG

Young Adult: Maximum ratings permitted are:

U.S.: TV-Y, TV-Y7, TV-G, TV-PG, TV-14, G, PG, PG-13

Canada: C, G, C8+, PG, 14+, 8 ans+, 13 ans+, TV-Y, TV-Y7, TV-G, TV-PG, TV-14

Custom: Select to set ratings manually.

Downloadable U.S. Rating

(Available only in U.S.A. where advanced ratings exist)

Off: Turn [Downloadable U.S. Rating] off. No programs that contain downloadable ratings are blocked from viewing.

Custom: Select to block programs based on downloadable ratings.

Clear All: Select to clear the entire downloadable rating system.

Unrated

(Available only when Country is set to U.S.A.)

Allow: Allows programs and movies that are broadcasted without a rating.

Block: Blocks all programs and movies that are broadcasted without a rating.

Channel Block

Locks an individual channel from being watched. To view a blocked channel, select [Unblocked].

External Input Block

Locks an external input from being watched. To view a blocked external input, select [Unblocked].

Note

- Entering the correct password for blocked channel or external input will temporarily deactivate the [Parental Lock] feature. To reactivate the [Parental Lock] settings, turn off and on the TV.
- Selecting [Clear All] will delete the current [Downloadable U.S. Rating] menu and the menu will no longer be available until the TV is tuned to a channel that contains downloadable ratings.

Hint

- If you lost your password, see page 35.



Setup

Photo Frame Settings

Display Mode: Allows you to select the display mode. See page 14.

Clock Display: Allows you to select the clock display.

Note

- This option is available when [Display Mode] is set to [Image and Clock] or [Full Screen Clock].

Audio Application: Sets [Music] or [Off] as audio application.

Image Selection: Select image.

Music Selection: Select music.

Slideshow Setting: Select from showing slideshow mode or single view photo.

Music Playback Setting: Select from listening to all tracks or a single music track.

Duration: Select the time period ([1 h], [2 h], [4 h] or [24 h]) after which the TV automatically switches to standby mode.

First day of the week: Sets [Sunday] or [Monday] as the first day of the week on the calendar.

USB Auto Start

When USB device is connected to the USB port, select [On] to automatically view the thumbnail of the last played Photo/Music/Video.

Closed Captions (CC)

Allows you to select from several closed caption modes (for programs that are broadcast with closed captioning).

CC Display:

On

[Closed Captions (CC)] is turned on.

Off

[Closed Captions (CC)] is turned off.

On when Muting

[Closed Captions (CC)] is turned on when the TV is muted.

Analog CC: Allows you to select basic analog (EIA-608) closed caption options.

CC1, CC2, CC3, CC4

Displays a printed version of the dialog or sound effects of a program. (Should be set to [CC1] for most programs.)

Text1, Text2, Text3, Text4

Displays station information presented using either half or the whole screen (if available).

Digital CC: When the digital closed caption service is available, select from the [Service 1-6] or [CC1-4].

Digital CC Options: Allows you to make additional settings for digital closed caption options. Select [As Broadcast] or [Custom].

Custom: Allows you to customize the following settings:

Character Size

Small, Standard, Large

Character Style

Style 1-7

Character Color

Color 1-8

Character Opacity

Solid, Translucent

Edge Type

None, Raised, Depressed, Uniform, Left Shadow, Right Shadow

Edge Color

Color 1-8

Background Color

Color 1-8

Background Opacity

Solid, Translucent

Window Color

None, Color 1-8

Window Opacity

Solid, Translucent

Audio Description

Provides an audio description (narration) of visual information, when available.

Info Banner

Displays the information related to the input signal you are watching. Select [Small] to display minimal channel and program title or select [Large] to display detailed channel and program information along with the TV icon if you are viewing the TV. Select [Hidden] to hide information about the TV channel or program. This information will appear if it is available from the broadcaster. Info banner appears on the screen each time the channel and external inputs are changed or when **DISPLAY** on the remote control is pressed.

Clock/Timers

Sets the timer and clock.

Sleep Timer: Sets the time in minutes that you would like the TV to remain on before shutting off automatically.

On Timer: Turns on the TV from standby mode at a time you set, and tuned to a channel or input of your preference or Photo Frame Mode. Before setting this function, make sure you set the correct current time.

Current Time: Sets the current time and date. This feature also can be set from initial set-up.

Date (Month/Day/Year)

Set current date.

Time

Set Current Time.

Initial Setup

Starts the initial setup procedure. This option allows you to retune the TV after moving house, or to search for new channels that have been launched by broadcasters.

Language

Select the language in which the menus are displayed.

Startup Logo

Select [On] to display the logo when the TV is turned on. Select [Off] to disable it.

LED Indicator





Select [On] to light up the LED indicator. Select [Off] to disable it.

AV Setup

Manage Inputs: Assigns name to external equipment input.

Select [Auto] to display names when the equipment is connected, or [Always] to display regardless of connection status or [Off] to disable input (only for TV).

Video/Component Selection:

Select [Auto] to have the TV detect and switch between the component video jack  or the video jack  when component video jack  or video jack  is connected.

Note

- You cannot use the component video jack and the video jack at the same time

Speakers: Select sound output from the TV speakers or external audio equipment.

Headphone/Audio Out: Sets the sound output to headphone, external audio systems or Active Subwoofer connected to the TV. Disconnect headphone from the TV when you select [Audio Out] or [Subwoofer].

Headphone Speaker Link: Switches the TV's internal speakers on/off when you connect headphone to the TV.

Headphone Volume: Adjusts the volume of the headphone.

Note

- This option is not available, when [Headphone/Audio Out] is set to [Audio Out] or [Subwoofer].

Audio Out:

Variable: When using an external audio system, volume output from audio out can be controlled using the TV's remote.

Fixed: The audio output of the TV is fixed. Use your audio receiver's volume control to adjust the volume (and other audio settings) through your audio system.

Hint

- This option is only available when [Headphone/Audio Out] is set to [Audio Out].

Digital Audio Out: Sets the audio signal that is output by connecting using digital audio output (optical) cable or HDMI cable. Set to [Auto], when connecting equipment compatible with Dolby Digital or DTS. Set to [PCM], when connecting equipment not compatible with Dolby Digital or DTS.

TV Position: Improves the speaker settings when set as [Table-Top Stand] or [Wall Mount] according to your TV's position.

BRAVIA Sync Settings

Allows the TV to communicate with equipment that is compatible with the BRAVIA Sync Control function, and connected to the HDMI ports of the TV. Note that communication settings must also be made on the connected equipment.

BRAVIA Sync Control: Sets whether or not to link the operations of the TV and the connected equipment that is compatible with BRAVIA Sync Control. When set to [On], the following functions are available. If the specific Sony equipment that is compatible with BRAVIA Sync Control is connected, this setting is applied to the connected equipment automatically.

Device Auto Power Off: When set to [On], the connected equipment that is compatible with BRAVIA Sync Control turns off when your TV goes to standby mode.

TV Auto Power On: When set to [On], the TV turns on when you turn on the connected equipment that is compatible with BRAVIA Sync Control.

BRAVIA Sync Device List: Displays a list of connected equipment that is compatible with BRAVIA Sync Control. Select [Enable] to update the [BRAVIA Sync Device List].

Device Control Keys: Select button functions of the TV's remote control to operate the connected equipment.

None

Deactivates the control by the TV's remote.

Normal

For basic operations, such as navigation buttons (up, down, left or right, etc).

Tuning Keys

For basic operations and operation of channel-related buttons, such as **CH +/-** or **(0-9)**, etc. Useful when you control a tuner or set-top box, etc; via the remote control.

Menu Keys

For basic operations and operation of the **HOME/OPTIONS** buttons. Useful when you select menus of a BD player, etc; via the remote control.

Tuning and Menu Keys

For basic operations and operation of channel-related buttons and **HOME/OPTIONS** button.

Note

- Some equipment with [BRAVIA Sync Control] does not support the [Device Control Keys] feature.

Picture Adjustments Lock

Select [Lock] so no adjustment can be made to items grayed out, except [Picture Mode] and [CineMotion]. Select [Unlock] to allow adjustment to any of the [Picture] settings.

Customer Support

Provides information of your TV's model, software, and others. For details, see page 24.



Reset

Resets the current Eco settings to the default values.

Power Saving

Reduces power consumption of the TV by adjusting the backlight. When you select [Picture Off], the picture is switched off. The sound remains unchanged.

Idle TV Standby

Turns the TV off after it has been kept idle for the preset length of time.

Auto Shut Off

Select [On] to automatically power off the TV when no input signal is detected for a certain period of time. Select [Off] to disable this function.

Customer Support

Model Name

Displays the model name of your TV.

Software Version

Displays the current software version of your TV.

TV

Selects [Signal Diagnostics] to display channel information of your TV.

External Inputs

View Manage Inputs: Allows you to view or manage the TV and external inputs.

Picture Check

View Test Picture: Allow you to check the picture condition on the display.

Software Update

Select to perform system update.

Initial Setup

Starts the initial setup procedure. This option allows you to retune the TV after moving house, or to search for new channels that have been launched by broadcasters.

Contact Sony

Displays your TV's product information.

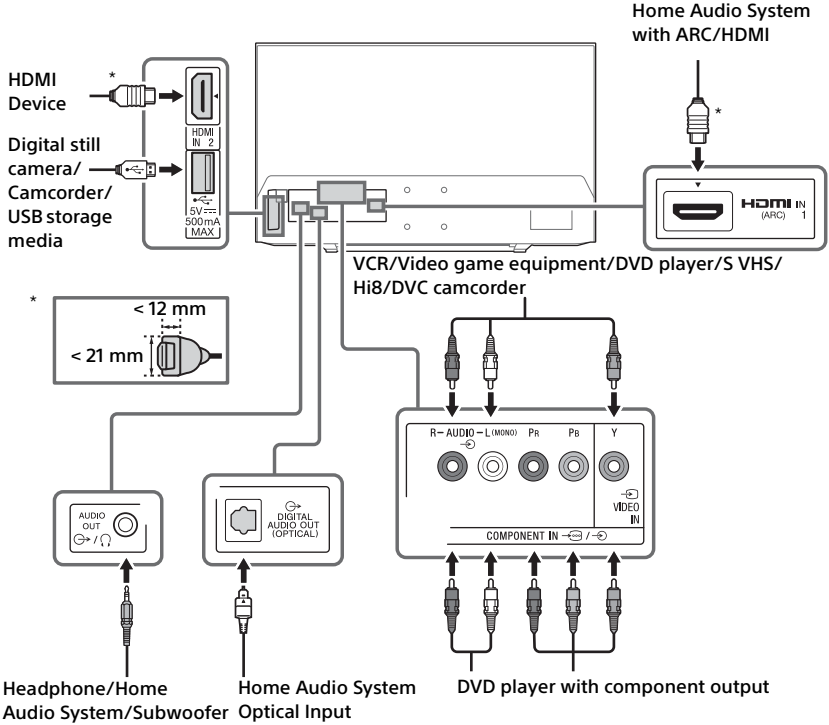
Viewing Pictures from Connected Equipment

Connection Diagram

You can connect a wide range of optional equipment to your TV.

Note

- Depending on TV model, connecting a large USB device may interfere with other connected devices beside it.



US

Viewing Pictures from Connected Equipment

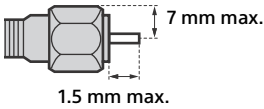
Connecting the TV

Note

- Use an antenna cable connector no greater than 14 mm thick.
- When connecting the cable to the Cable/Antenna, input finger tighten only, over tightening the connection can damage the TV.
- Use an HDMI cable connector within 12 mm (thickness) × 21 mm (width).

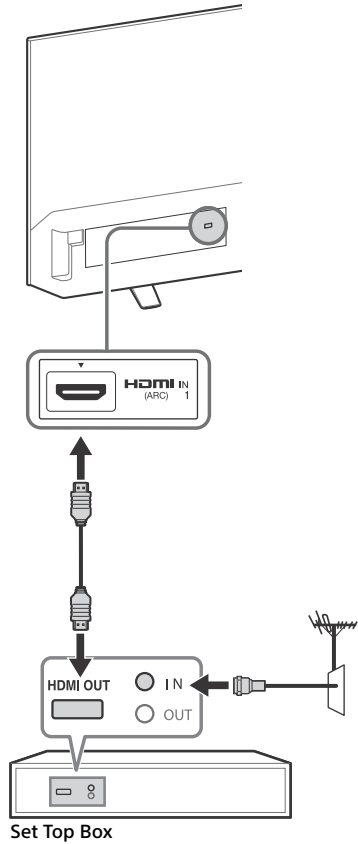
Recommendation for an F type plug

Projection of the inner wire from the connection part must be less than 1.5 mm.

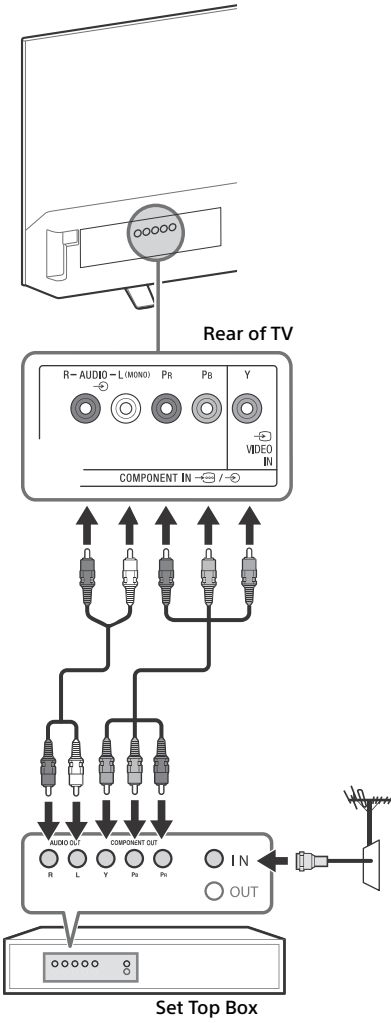


(Reference drawing for an F type plug)

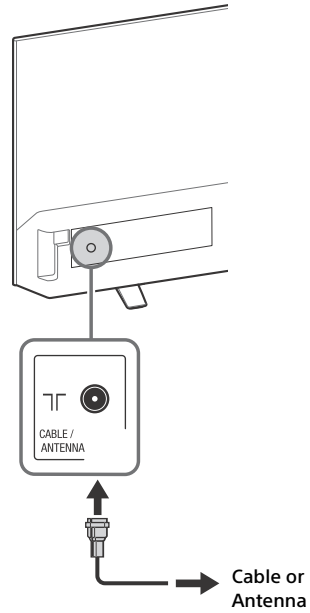
Showing a Set Top Box with HDMI connection



Showing a Set Top Box with COMPONENT connection



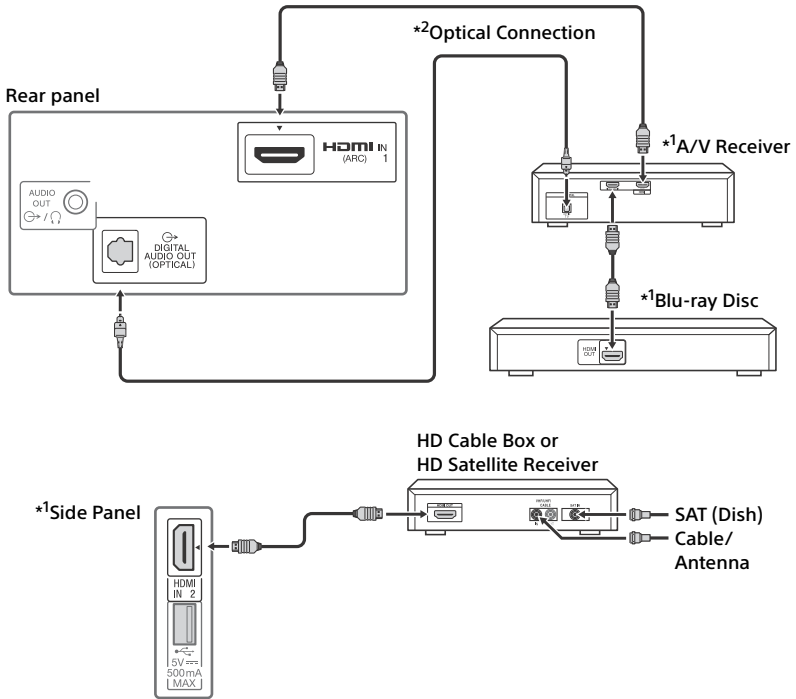
Cable System or VHF/UHF Antenna System



US

Viewing Pictures from Connected Equipment

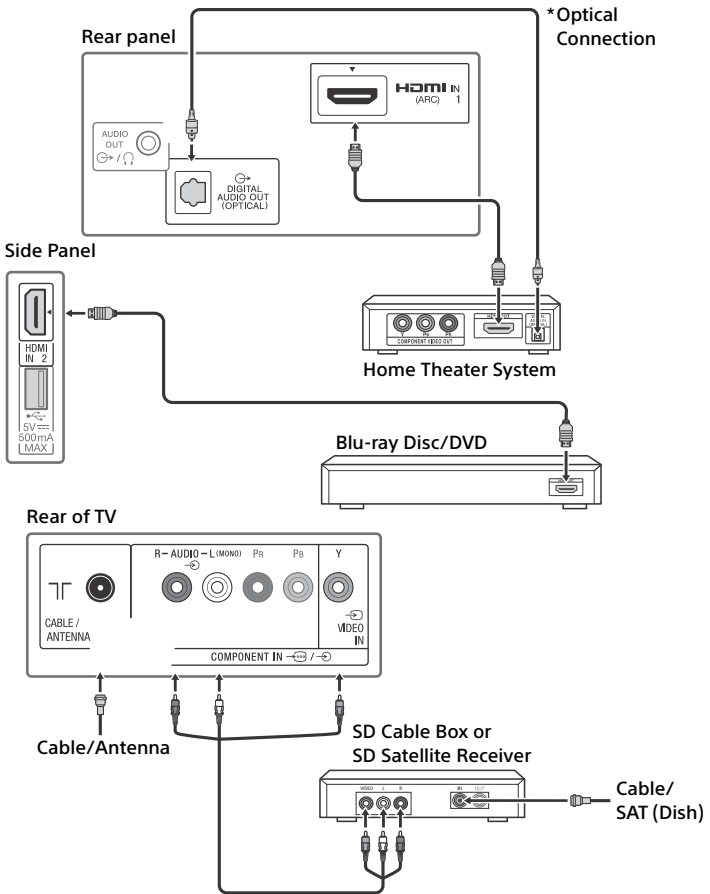
Showing HD BRAVIA® Sync™ Basic Connection



*1 Signifies a BRAVIA Sync capable device.

*2 The optical connection is only needed for A/V receivers that do not support ARC (Audio Return Channel).

Showing HD Basic Connection with Home Theater System

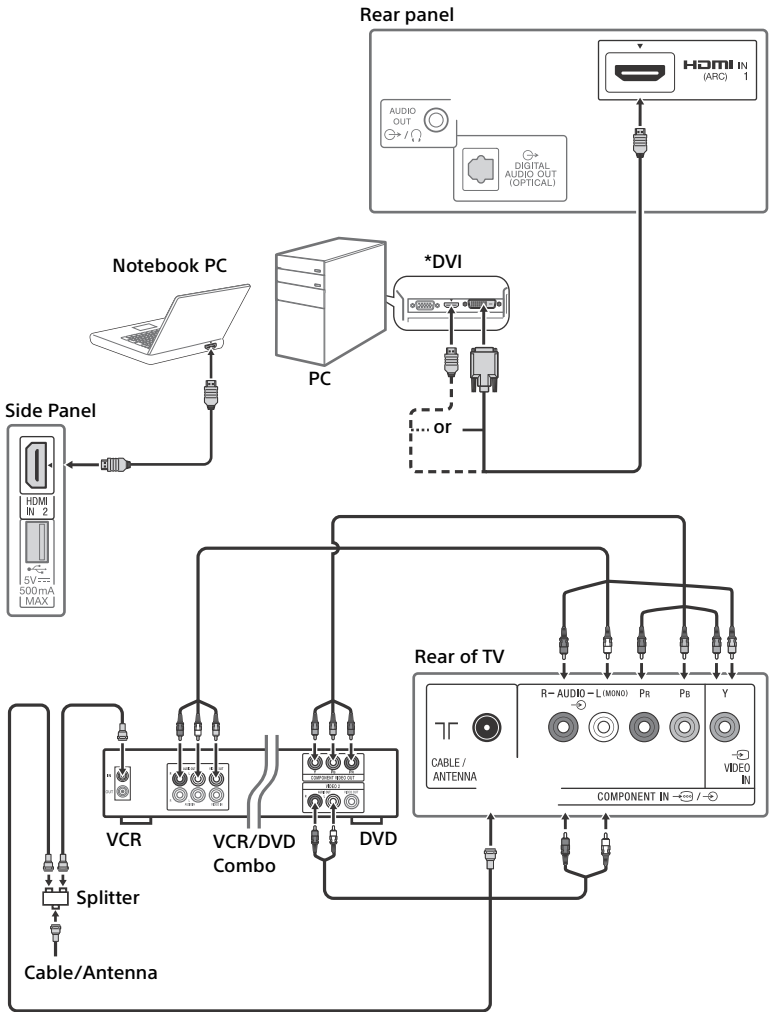


* The optical connection is only needed for home theater system that do not support ARC (Audio Return Channel) when connecting with HDMI.

US

Viewing Pictures from Connected Equipment

Showing PC Connection with SD VCR/DVD



* DVI does not support audio signals. Connect the audio output of the PC to the PC speakers or an A/V receiver to listen to sound from the PC.

Using Audio and Video Equipment

- 1 Turn on the connected equipment.
- 2 Press **INPUT** to display the input source.
- 3 Press \uparrow/\downarrow then \square to select the desired input source.
The highlighted item is selected if 5 seconds pass without any operation.

Note

- When connecting a digital audio system not compatible with Audio Return Channel (ARC) technology using an HDMI cable, you need to connect an optical audio cable to the DIGITAL AUDIO OUT (OPTICAL) to output digital sound.
- When connecting with an HDMI cable, be sure to use HighSpeed HDMI Cable with Cable Type Logo (Recommended SONY Cable).
- When connecting mono equipment, connect the audio cable to the L (mono) jack.

To use BRAVIA Sync devices

When connecting the TV to BRAVIA Sync compatible equipment, you can control them together.

Be sure to perform the necessary settings in advance. The BRAVIA Sync Control settings must be set on both the TV and the connected equipment. See [BRAVIA Sync Settings] (page 23) for the settings on the TV side. Refer to the connected equipment operating instructions for the settings on the connected equipment side.

Additional Information

Using a Wall-Mount Bracket

This TV's instruction manual only shows the steps on preparing the installation of the TV before installing to the wall.

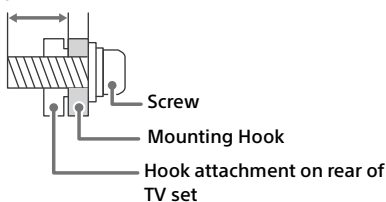
Your TV can be mounted on a wall using a Wall-Mount Bracket (not supplied) out of the box as packaged. If the Table-Top Stand is attached to the TV, the TV may require detaching the Table-Top Stand; see page 32 (Detaching the Table-Top Stand from the TV).

Prepare the TV for the Wall-Mount Bracket before making cable connections.

For product protection and safety reasons, Sony strongly recommends that installation of your TV on the wall be performed by qualified professionals. Do not attempt to install it yourself.

- 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.
- The length of the screw for Wall-Mount Bracket differs depending on the mounting hook thickness. Please see below illustration.

8 - 12 mm



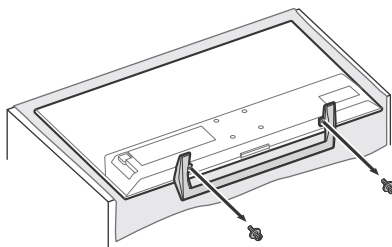
- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

Note

- Read the supplied Safety Booklet for additional safety information.

Detaching the Table-Top Stand from the TV

To detach the Table-Top Stand from the TV, remove the screws.



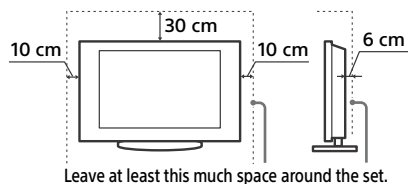
Note

- 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.
- Be sure the TV is vertical before turning on. To avoid uneven picture uniformity do not power on the TV with the LCD panel facing down.
- 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.

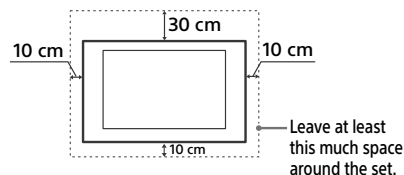
Installing the TV Against a Wall or Enclosed Area

Make sure that your TV has adequate ventilation. Allow enough space around the TV as shown below.

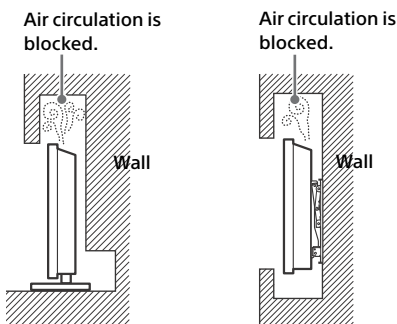
Installed with Stand



Installed on the wall



Never install the TV set as follows:



Note

- Inadequate ventilation can lead to overheating of the TV and may cause TV damage or cause a fire.

Troubleshooting

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

If the LED indicator flashes red, reset the TV by disconnecting the AC power cord from the TV for two minutes, then turn on the TV. If the problem persists, contact Sony Customer Support (information provided on the front cover) with the number of times the LED indicator flashes red (interval time is three seconds).

Press I/⏻ on the TV to turn it off, disconnect the AC power cord, and contact Sony Customer Support.

When the LED indicator is not flashing, check the items as follows.

If the problem persists, have your TV serviced by qualified service personnel.

Picture

No picture (screen is dark) and no sound

- Check the cable/antenna connection.
- Connect the TV to the AC power outlet, and press I/⏻ on the TV or **POWER** on the remote control.

No picture or no menu information from equipment connected to the video input jack appears on the screen

- Press **INPUT** to display the connected equipment list, then select the desired input.
- Check the connection between the optional equipment and the TV.

Double images or ghosting

- Check the cable/antenna connection, location or direction.

Only snow and noise appear on the screen

- Check if the antenna is broken or bent.
- Check if the antenna has reached the end of its serviceable life (three to five years in normal use, one to two years at the seaside).

Distorted picture (dotted lines or stripes)

- Keep the TV away from electrical noise sources such as cars, motorcycles, hair-dryers or optional equipment.
- When installing optional equipment, leave some space between the optional equipment and the TV.
- Check the cable/antenna connection.
- Keep the antenna cable away from other connecting cables.

Picture or sound noise when viewing a TV channel

- Make sure that the antenna is connected using a 75-ohm coaxial cable (not supplied).
- Keep the antenna cable away from other connecting cords.
- To avoid TV interference, make sure to use an undamaged antenna cable.

Tiny black points and/or bright points appear on the screen

- The picture of a display unit is composed of pixels. Tiny black points and/or bright points (pixels) on the screen do not indicate a malfunction.


Picture contours are distorted

- Change the current setting of [CineMotion] to other settings (page 17).

No color on programs

- Select [Reset] (page 17).

No color or irregular color when viewing a signal from the Y, Pb, Pr jacks of

- Check the connection of the Y, Pb, Pr jacks of  and check if each jacks are firmly seated in their respective jacks.

No picture from the connected equipment appears on the screen

- Turn the connected equipment on.
- Check the cable connection.
- Press **INPUT** to display the connected equipment list, then select the desired input.
- Correctly insert the memory card or other storage device in the digital still camera.
- Use a digital still camera memory card or other storage device that has been formatted according to the instruction manual supplied with the digital still camera.
- Operations are not guaranteed for all USB devices. Also, operations differ depending on the features of the USB device and the video being played.

Cannot select the connected equipment on the menu or cannot switch the input

- Check the cable connection.

Sound

No sound, but good picture

- Press **VOL +/-** or **MUTING**.
- Check if [Speakers] in [AV Setup] is set to [TV Speakers] (page 22).
- Check if the headphone plug is connected to the TV.

No sound or noisy sound

- Check if the TV system setting is appropriate (page 18).

Channels

The desired channel cannot be selected

- Switch between [Cable] and [Antenna] to select the desired digital/analog channel.

Some channels are blank

- The channel is for scrambled/subscription service only. Subscribe to a pay TV service.
- Channel is used only for data (no picture or sound).
- Contact the broadcaster for transmission details.

General

The TV turns off automatically (the TV enters standby mode)

- Check if the [Sleep Timer] is activated (page 22).
- Check if the [Duration] is activated by [On Timer] (page 22) or [Photo Frame Settings] (page 20).
- Check if the [Idle TV Standby] is activated (page 24).

Some input sources cannot be selected

- Select [Manage Inputs] and select [Always] of the input source (page 22).

The remote control does not function

- Replace the batteries.

HDMI equipment does not appear on BRAVIA Sync Device List

- Check that your equipment is compatible with BRAVIA Sync Control.

Cannot select Off in BRAVIA Sync Control

- If you have connected any audio system that is compatible with BRAVIA Sync Control, you cannot select [Off] in this menu. To change the audio output to the TV speaker, select [TV Speakers] in the [Speakers] menu (page 22).

The Parental Lock password has been forgotten

- Press **HOME** and select [Settings] → [Preferences] → [Parental Lock] → [Password] then enter 4357 for the password.

Store Display Mode or Promoting Feature Logo appears on the screen

- On the remote control, press **RETURN** then press **HOME** and select [Settings] → [Preferences] → [Setup] → [Initial Setup]. Be sure to select [Home] in [Location].

How to reset the TV to factory settings

- Turn on the TV. While holding down \hat{u} on the remote control, press **I/⏻** on the TV. (The TV will turn itself off, then back on again.) Release \hat{u} .

Specifications

System

Television system

NTSC: American TV standard
ATSC (8VSB terrestrial): ATSC compliant 8VSB QAM on cable: ANSI/SCTE 07 2000 (Does not include CableCARD functionality)

Channel coverage

Analog terrestrial: 2 - 69 / Digital terrestrial: 2 - 69

Analog Cable: 1 - 135 / Digital Cable: 1 - 135

Panel system

LCD (Liquid Crystal Display) Panel, LED Backlight

Speaker output

5 W + 5 W

Input/Output jacks

CABLE/ANTENNA

75 ohms external terminal for RF inputs


 COMPONENT IN /  VIDEO IN

 COMPONENT IN

Supported formats: 1080p(60 Hz), 1080i(60 Hz), 720p(60 Hz), 480p, 480i
Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

PB: 0.7 Vp-p, 75 ohms

PR: 0.7 Vp-p, 75 ohms

 Video input (phono jack)

 COMPONENT IN /  AUDIO IN

Audio input (phono jacks)

HDMI IN 1 (ARC), HDMI IN 2

HDMI Video: 1080p(30, 60Hz), 1080/24p, 1080i(60Hz), 720p(30, 60Hz), 720/24p, 480p, 480i

PC input: (Resolution, Horizontal frequency, Vertical frequency)

For KDL-40R370C

640 × 480, 31.5 kHz, 60 Hz

800 × 600, 37.9 kHz, 60 Hz

1,024 × 768, 48.4 kHz, 60 Hz

1,280 × 768, 47.4 kHz, 60 Hz

1,280 × 768, 47.8 kHz, 60 Hz

1,360 × 768, 47.7 kHz, 60 Hz

1,280 × 1,024, 64.0 kHz, 60 Hz

*1,920 × 1,080, 67.5 kHz, 60 Hz

* The 1080p timing when applied to the HDMI input will be treated as a video timing and not PC timing

For KDL-32R320C

640 × 480, 31.5 kHz, 60 Hz

800 × 600, 37.9 kHz, 60 Hz

1,024 × 768, 48.4 kHz, 60 Hz

1,280 × 768, 47.4 kHz, 60 Hz

1,280 × 768, 47.8 kHz, 60 Hz

1,360 × 768, 47.7 kHz, 60 Hz

Audio: Two channel linear PCM 32, 44.1 and

48 kHz, 16, 20 and 24 bits, Dolby Digital

↻ AUDIO OUT/⦿ (Stereo mini jack)

Headphone, Audio output, Subwoofer

↻ DIGITAL AUDIO OUT (OPTICAL)

Digital optical jack (Two channel linear PCM,

Dolby Digital, DTS)

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USB port

DC IN 19.5 V ⊖ ⊕

AC adapter input (DC cc 19.5 V)

Others

Operating temperature

0 °C – 40 °C

Power and others

Power requirement

19.5 V DC with AC adapter

Datos de alimentación del adaptador

ca/cc **

Modelo: ACDP-060E02/ACDP-060S02

Entrada: ca 100 V - 240 V 1,4 A 50/60 Hz

Salida: cc 19,5 V 3,05 A

Modelo: ACDP-060S03

Entrada: ca 100 V - 240 V 1,4 A 50/60 Hz

Salida: cc 19,5 V 3,08 A

Modelo: ACDP-045S02/ACDP-045S03

Entrada: ca 100 V - 240 V 1,1 A 50/60 Hz

Salida: cc 19,5 V 2,35 A

Power consumption

in use:

KDL-40R370C: 51 W

KDL-32R320C: 37 W

in standby:

Less than 0.30 W with 120 V AC and less than

0.40 W with 240 V AC

Screen size* (measured diagonally)

KDL-40R370C: 101.6 cm / 40 inches (40" class)

KDL-32R320C: 80 cm / 31.5 inches (32" class)

Display resolution

KDL-40R370C: 1,920 dots (horizontal) ×

1,080 lines (vertical)

KDL-32R320C: 1,366 dots (horizontal) ×

768 lines (vertical)

Dimensions*

with stand

KDL-40R370C: 924 × 568 × 183 mm

KDL-32R320C: 735 × 461 × 168 mm

without stand

KDL-40R370C: 924 × 550 × 65 mm

KDL-32R320C: 735 × 443 × 63 mm

wall-mount hole pattern

100 x 100 mm

wall-mount screw size (mm)

M4 (length: refer to diagram on page 32)

Mass*

with stand

KDL-40R370C: 6.9 kg

KDL-32R320C: 4.8 kg

without stand

KDL-40R370C: 6.5 kg

KDL-32R320C: 4.5 kg

Supplied accessories

Remote Control: RMT-TX110L

Power requirement: Size AAA batteries

AC adapter**

KDL-40R370C: ACDP-060E02/ACDP-060S02/

ACDP-060S03


KDL-32R320C: ACDP-045S02/ACDP-045S03

* Dimensions and mass are approximate values.

** Refiérase al adaptador ca/cc suministrado.

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

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For Your Convenience

Online Registration:	Be sure to register your TV. http://esupport.sony.com/LA/perl/registration.pl
Software Updates:	Your TV is capable of receiving software updates. For the latest information about software updates for your TV, visit: http://esupport.sony.com/LA/ NOTE: If your TV is connected to the Internet, you can check for software updates by pressing HOME , then select [Settings] → [Customer Support] → [Software Update].