

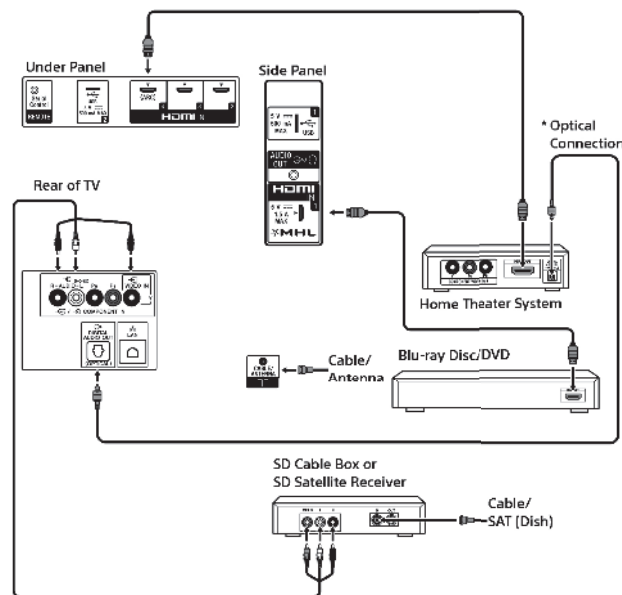


Pursuant to FCC regulations, you are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

*2 For supported PC formats refer to the Help Guide

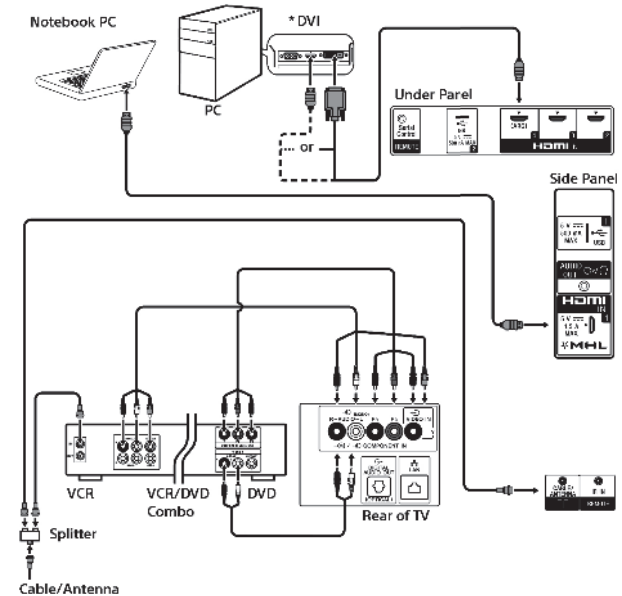
- Fluorescent lamps can interfere with your remote control; try turning off the fluorescent lamps.
- If you are having problems with the remote control, reinsert or replace your batteries and make sure that they are correctly inserted.

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. Set the speaker settings to audio out, press **HOME**, then select [Settings] → [Sound] → [Speakers] → [Audio System]. Set the HDMI CEC settings on the TV and AV receiver to allow for system audio control for ARC connections.

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.

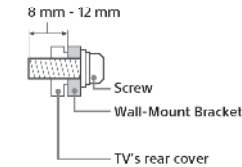
Installing the TV to the Wall (Wall mounting kit not includ)

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 (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.

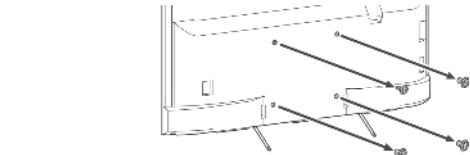
- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- The length of the screw for Wall-Mount Bracket differs depending on the Wall-Mount Bracket thickness. Please see below illustration.



- 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.

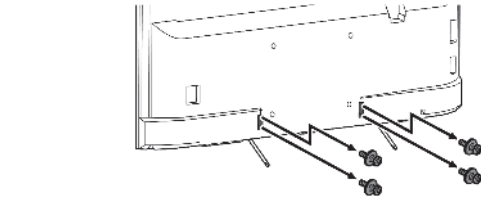
Note
Read the supplied Safety Booklet for additional safety information.

Remove the screws from the rear of the TV.



Detaching the Table-Top Stand from the TV

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



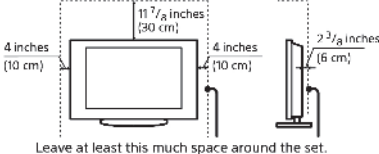
Note
Do not remove the Table-Top Stand for any reason other than to install corresponding accessories on the TV.
Be sure the TV is vertical before turning on. To avoid uneven picture uniformity do not power on the TV with the LCD panel facing down.
When attaching the Table-Top Stand again, be sure to fasten the screws (previously removed) to the original holes on the rear of the TV.

Accessory type and quantity may vary depending on the model.

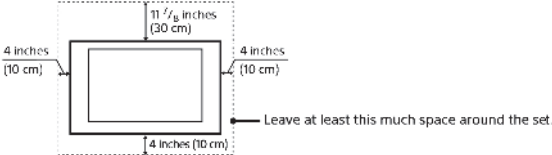
Installing the TV against a wall or enclosed area

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

Installed with stand

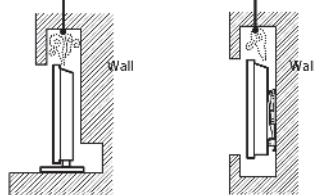


Installed on the wall



Never install the TV set as follows:

Air circulation is blocked. Air circulation is blocked.



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

Troubleshooting

In order to keep your TV software up-to-date, it is necessary to download the latest software information via the digital broadcasting system or Internet and to update the software. Select [Update Now] to start a software update. The illumination LED flashes white while the software is updating. Do not unplug the AC power cord during the software update. If you do, the software update may not finish completely, and it may cause a software malfunction. Software updates can take up to 30 minutes. If you do not wish to update the software automatically, press **HOME** and select [Help] → [System software update] → [Automatic software download] → [Off].

When you unplug the TV and plug it in again, the TV may not be able to turn on for a while even if you press the power button on the remote control or the TV because it takes time to initialize the system. Wait for about 10 to 20 seconds, then operate it again.

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

If the illumination LED 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 a service center. (information provided on the front cover) with the number of times the illumination LED flashes red (interval time is three seconds). Disconnect the AC power cord, and contact a service center.

When the illumination LED is not flashing, check the items as follows. You can also refer to [Troubleshooting] in the Help Guide or perform self-diagnosis by selecting [Help] → [Self Diagnostics]. If the problem persists, contact a srvice center. (information provided on the front cover).

Troubles and Solutions

There is no picture (screen is dark) and no sound.

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

Some programs cannot be tuned.

- Check the cable/antenna connection.

The remote control does not function.

- Replace the batteries.

The [Parental lock] password has been forgotten.

- Enter 4357 for the PIN code. (PIN code 4357 is always accepted.)

The TV and its surroundings become warm.

- When the TV is used for an extended period of time, the TV and its surroundings may become warm to the touch. This is not a malfunction of the TV.

How to reset the TV to factory settings

- Turn on the TV. You can reset the TV to factory settings by pressing **HOME**, then select [Settings] → [Storage & reset] → [Factory data reset].
WARNING: The reset will clear all of your customized settings including the [Parental lock] setting.
- For security purposes, be sure to remove all personal and account information before discarding, selling or passing your TV to someone else by: unlinking/unregistering, signing out of and deactivating all network services as well as factory reset the TV.

Frozen audio or video, a blank screen, or the TV does not respond to TV or remote control buttons.

- Perform a simple reset of the TV by unplugging the AC power cord for two minutes, then plug it in again.

The CH+/-, +/-, and TV buttons cannot be located on the TV.

- See below illustration for location of the buttons on the TV.

The cables mentioned in this guide is not supplied with your unit.

The image shown here is for illustrative purposes only and may be subject to change.

Audio: 5.1 channel linear PCM: 32, 44.1, 48, 88.2, 96, 176.4 and 192 kHz; 16, 20 and 24 bits, Dolby Digital and DTS
DIGITAL AUDIO OUT (OPTICAL)
Digital optical jack (Two channel linear PCM, Dolby Digital, DTS)
AUDIO OUT (stereo mini jack)
Headphone, Audio output, Subwoofer
USB port (Refer to the Help Guide for supported formats.)
LAN
10BASE-T/100BASE-TX connector
(Connection speed may differ depending on the network environment. 10BASE-T/100BASE-TX communication rate and communication quality are not guaranteed for this TV.)
Home Network
Refer to the Help Guide for supported formats.
REMOTE
RS232C, Serial Control mini jack; IR IN mini jack.
These jacks are for receiving the external control signal.

Others
Optional accessories
Touchpad Remote Control: RMF-TX100U
Wireless Subwoofer: SWF-BR100
MHL Cable: DLC-MC20
Active 3D Glasses: TDG-BT500A
Operating temperature
32°F - 104°F (0°C - 40°C)

Power and others
Power requirement
110 V - 240 V AC, 50/60 Hz (U.S.A./Canada 120 V AC, 60 Hz)
Power consumption
in use
KDL-75W850C: 284 W
KDL-65W850C: 217 W

Dimensions (Approx.)
with stand
KDL-75W850C: 1,677 x 1,016 x 330 mm / 66 x 40 x 13 inches
KDL-65W850C: 1,455 x 893 x 265 mm / 57 3/8 x 35 1/8 x 10 1/2 inches
without stand
KDL-75W850C: 1,577 x 969 x 79 mm / 66 x 38 1/4 x 3 1/8 inches
KDL-65W850C: 1,455 x 843 x 78 mm / 57 3/8 x 33 1/4 x 3 1/8 inches
wall-mount hole pattern
KDL-75W850C: 400 x 300 mm
KDL-65W850C: 400 x 300 mm
wall-mount screw size (mm)
M6 (length: see diagram on page 17.)

Mass (Approx.)
with stand
KDL-75W850C: 34.9 kg / 76.9 lb.
KDL-65W850C: 24.5 kg / 54.0 lb.
without stand
KDL-75W850C: 33.7 kg / 74.3 lb.
KDL-65W850C: 23.4 kg / 51.6 lb.

Note
Optional accessories availability depends on countries/region/TV model/slot.
Design and specifications are subject to change without notice.
This TV set incorporates MHL 2.

Licensing Information

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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
10 W + 10 W

Wireless technology
Protocol IEEE802.11a/b/g/n
Bluetooth Version 4.1

Input/Output jacks

CABLE/ANTENNA
75-ohm external terminal for RF inputs

VIDEO IN
Video / Audio input (phono jacks)

COMPONENT IN
YPbPr (Component Video): 1080p (60 Hz), 1080i (60 Hz), 720p (60 Hz), 480p, 480i
Audio input (phono pin jack)

HDMI IN 1/2/3/4
Video (2D):
1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i
Formats

Video (3D):
Frame Packing: 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p

Side-by-Side: 1080p (60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz)

Over-Under: 1080p (30, 60 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz)

Audio: 5.1 channel linear PCM: 32, 44.1, 48, 88.2, 96, 176.4 and 192 kHz; 16, 20 and 24 bits, Dolby Digital and DTS

ARC (Audio Return Channel) (HDMI IN 4 only)

MHL (common with HDMI IN 1)

Video (2D):
1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (30, 60 Hz), 720/24p, 480p, 480i

Video (3D):
Side-by-Side: 1080/24p, 1080i (60 Hz), 720p (60 Hz)

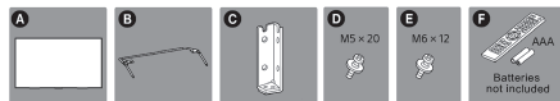
Over-Under: 1080p (30 Hz), 1080/24p, 1080i (60 Hz), 720p (60 Hz)



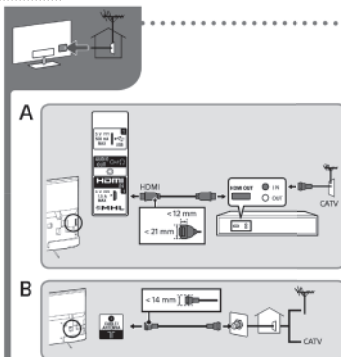
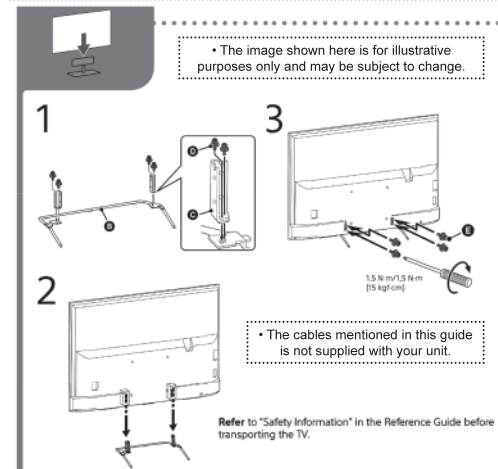
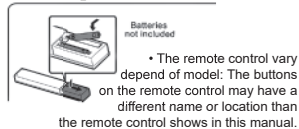
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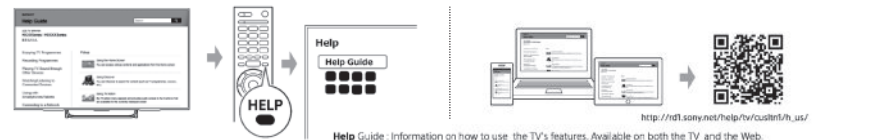
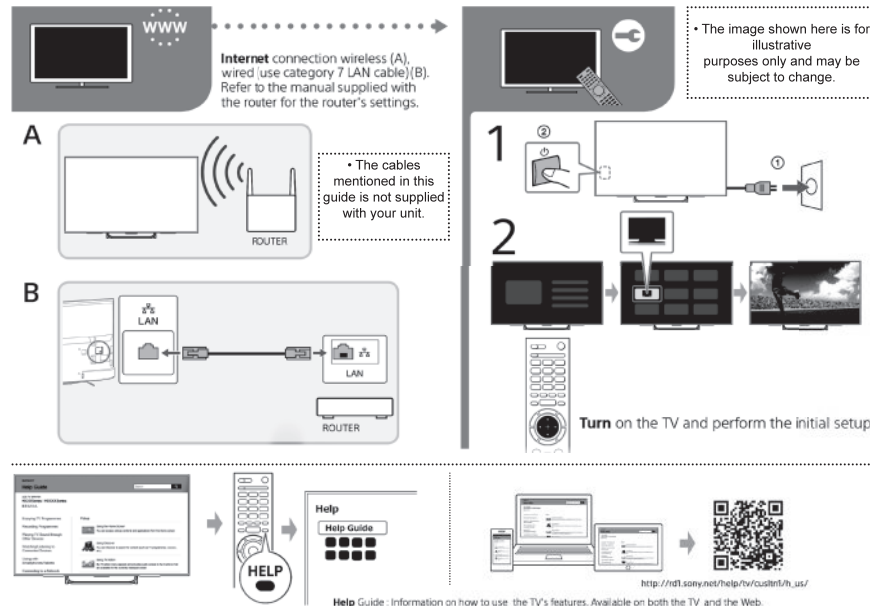
Startup Guide



• Accessory type and quantity may vary depending on the model.



Connections Refer to "Connecting the TV" in the Reference Guide for additional connection information.



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