

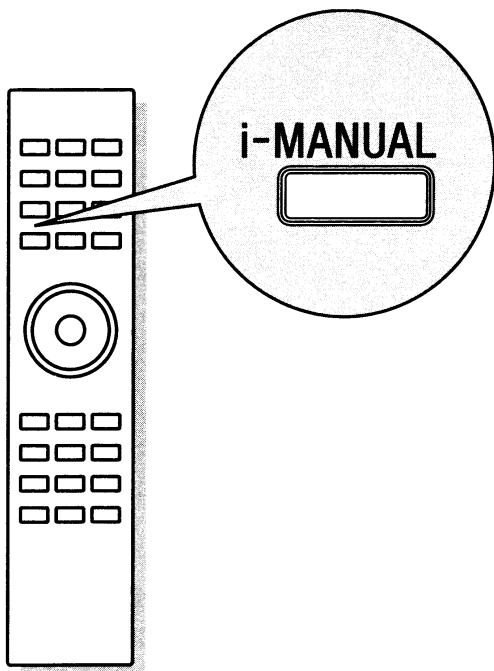
# LCD Digital Color TV

**Setup Guide** (Operating Instructions)

Setting up your TV

To watch TV

Additional Information



## Sony Customer Support

U.S.A.: [www.sony.com/tvsupport](http://www.sony.com/tvsupport)

Canada: [www.sony.ca/support](http://www.sony.ca/support)

United States

Canada

1.800.222.SONY

1.877.899.SONY

Please Do Not Return  
the Product to the Store

# BRAVIA

## Owner's Record

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

Model Name

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Serial No.

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## CAUTION

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

- Operate the TV only on 110-240 V AC (U.S.A./Canada 120 V AC)
- Avoid operating the TV at temperatures below 41°F (5°C).
- Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images or playing 3D video games. Sony recommends that all viewers take regular breaks while watching 3D video images or playing 3D video 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 3D video 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 ([www.sony.com/tvsupport](http://www.sony.com/tvsupport)) 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 3D video games. Adults should supervise young children to ensure they follow the recommendations listed above.
- 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.

## Licensing Information

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Ferguson Patent Properties, LLC:  
U.S. Patent No. 5,717,422  
U.S. Patent No. 6,816,141

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


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“PlayStation” is a registered trademark and “PS3” is a trademark of Sony Computer Entertainment Inc.

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



Your BRAVIA TV is ENERGY STAR® qualified in the “Home” mode.

It meets strict energy efficiency guidelines set by the U.S. Environmental Protection Agency and Department of Energy. ENERGY STAR is a joint program of these government agencies, designed to promote energy efficient products and practices.

Changes to certain features, settings, and functionalities of this TV (i.e. TV Guide, Picture/Sound, Light Sensor, Power Savings) can increase or change the power consumption.

Depending upon such changed settings, the power consumption may exceed the limits required for the ENERGY STAR qualification in the “Home” mode.

The 55 class has a 54.6 inch viewable image size (measured diagonally).



- The illustrations of the remote control used in this manual are of the RM-YD040 unless otherwise stated.
- The illustrations used in this manual may differ depending on your TV model.



# Table of Contents

Checking the accessories.....	4
Inserting batteries into the remote control .....	4

## Setting up your TV

Attaching the Table-Top Stand.....	6
Connecting the TV .....	8
Securing the TV.....	12
Organizing the AC power cord .....	13
Running initial setup .....	14
Detaching the Table-Top Stand from the TV.....	14
Using a Wall-Mount Bracket.....	15
Installing the TV Against a Wall or Enclosed Area .....	15

## To watch TV

To watch programs.....	16
To use the TV features.....	16
To use i-Manual.....	17

## Additional Information

Troubleshooting.....	18
Specifications .....	20

- Operating instructions are built into your **BRAVIA** TV. Refer to “To use i-Manual” for operation (page 17).
- Retain this manual for future reference.

### The BRAVIA® Full HDTV Experience

Thank you for choosing Sony! Your new BRAVIA® TV opens the door to the “Full HDTV Experience.” This document will help you get the most out of your TV.

Please take a moment to register your TV at:

**U.S.A.:** <http://productregistration.sony.com>

**Canada:** <http://www.SonyStyle.ca/registration>

#### Four Steps to a Full HD Experience

Set, Source, Sound, and Setup.

#### 1 Set

Now that you have made the best selection in 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 [www.antennaweb.org](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 8 for sample connection diagrams.

To help assure the highest quality for your HD experience, use Sony HDMI (High-Definition Multimedia Interface) cables.

**To learn more about HDTV, visit:**

**U.S.A.:** <http://www.sony.com/HDTV>

**Canada:** <http://www.SonyStyle.ca/hd>

This TV displays all video input signals in a resolution of 1,920 dots × 1,080 lines.

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## Checking the accessories

AC power cord (1)

Remote control (1)\*<sup>1</sup>

Size AAA batteries (2)

Table-Top Stand (1)\*<sup>2</sup>

Fixing screws for Table-Top Stand  
(M5 × 16) (4)

Assembling screws for Table-Top Stand  
(M5 × 16) (4) (KDL-40HX800 only)

Stand rear cover (1)\*<sup>3</sup>

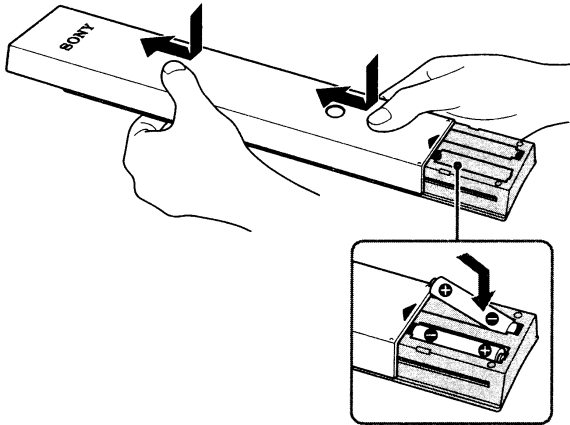
\*1 Please refer to the model name printed on the remote control.

\*2 KDL-40HX800 requires assembling.  
Refer to other leaflet to assemble the Table-Top Stand.

\*3 For KDL-55/46HX800, the stand rear cover is factory-attached to the Table-Top Stand.

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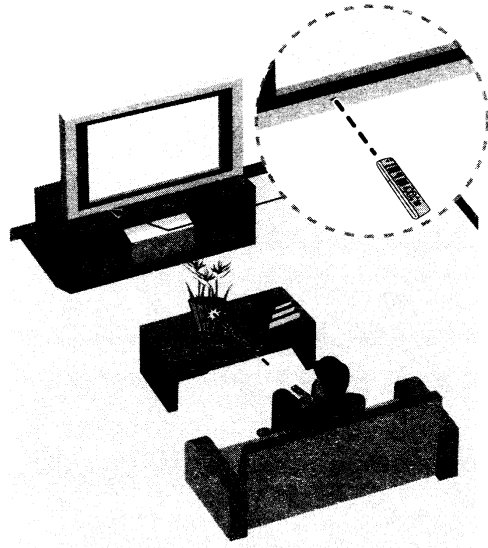
## Inserting batteries into the remote control



- 1 Remove the protection sheet.
- 2 Push and slide the cover upward.

## 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.

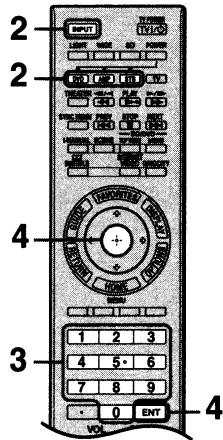


## Programming the Remote Control (For RM-ED038 and RM-ED053 remote control users)

Your remote control can be programmed to use other equipment and is pre-programmed to operate the following Sony equipment.

Function Button	Sony Equipment	Code Number
DVD	DVD Player	31033
AMP	Receiver	52172
STB	Digital Satellite	01639

### Programming Other Equipment



- Button names may differ slightly depending on the remote control.

Follow the steps below to program your TV remote control.

- 1 Look for the code in the Manufacturer's Code List (refer to i-Manual) that corresponds to the equipment you would like to operate with the Sony remote control. If more than one code is provided, try programming the first code listed. If your equipment's code is not listed, visit <http://esupport.sony.com/remotecodes> for a more comprehensive list.
- 2 Press and hold a **DVD**, **AMP** or **STB** function button simultaneously with **INPUT** button and release.  
When in the programming mode, the function button (**DVD**, **AMP**, **STB**) blinks for approximately 30 seconds until a code is entered.
- 3 Enter the five digit code using **0** - **9** while the function buttons (**DVD**, **AMP**, **STB**) are lit. If the code is not entered within 30 seconds, you must repeat step 2.
- 4 Press **(+)** or **ENT** to confirm the code. If successfully programmed, the function button (**DVD**, **AMP**, **STB**) will blink twice, if not, it blinks five times.

### Confirm the Programming

If you can turn your equipment on and off using the green **POWER** button, the programming is complete. If not, try the next code listed.



- In some cases, you may not be able to program your remote control. If this is the case, use your equipment's own remote control.
- Any of the function buttons (**DVD**, **AMP**, **STB**) can be programmed to operate other equipment regardless of the labeling. For example, if programmed with the correct code, a Blu-ray Disc player can be operated with the **DVD** button. This is useful if your equipment does not match any of the labeled buttons.

### To reset the remote control to the factory default:

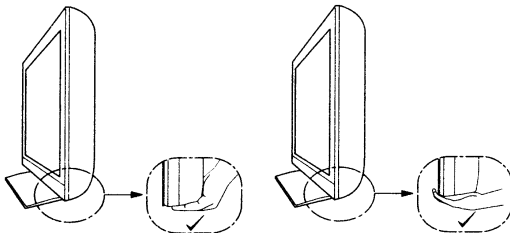
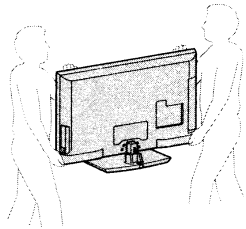
Press **SCENE**, **TV POWER**, and **(+)** simultaneously. The four function buttons (**DVD**, **AMP**, **STB**, and **TV**) blink when successfully reset.

# 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. 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 and the supplied screws to complete the task. Look for the supplied Table-Top Stand instruction leaflet.

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.



For XBR-52/46HX909 For KDL-55/46/40HX800

- Ensure your TV has adequate ventilation, see page 15.
- 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.

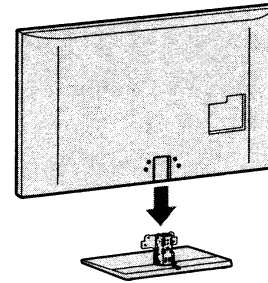
## Attaching the Table-Top Stand

Refer to the supplied Table-Top Stand instruction leaflet for proper attachment for some TV models.

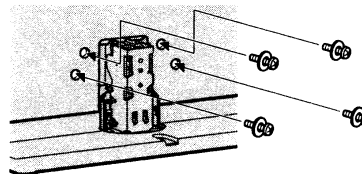
- 1** Gently slide the TV unit onto the Table-Top Stand and align the screw holes.



- Do not put stress on the LCD panel or the frame around the screen.
- Be careful to not pinch your hands or the AC power cord when you install the TV unit to the Table-Top Stand.



- 2** Use the supplied screws to attach the TV unit to the Table-Top Stand.



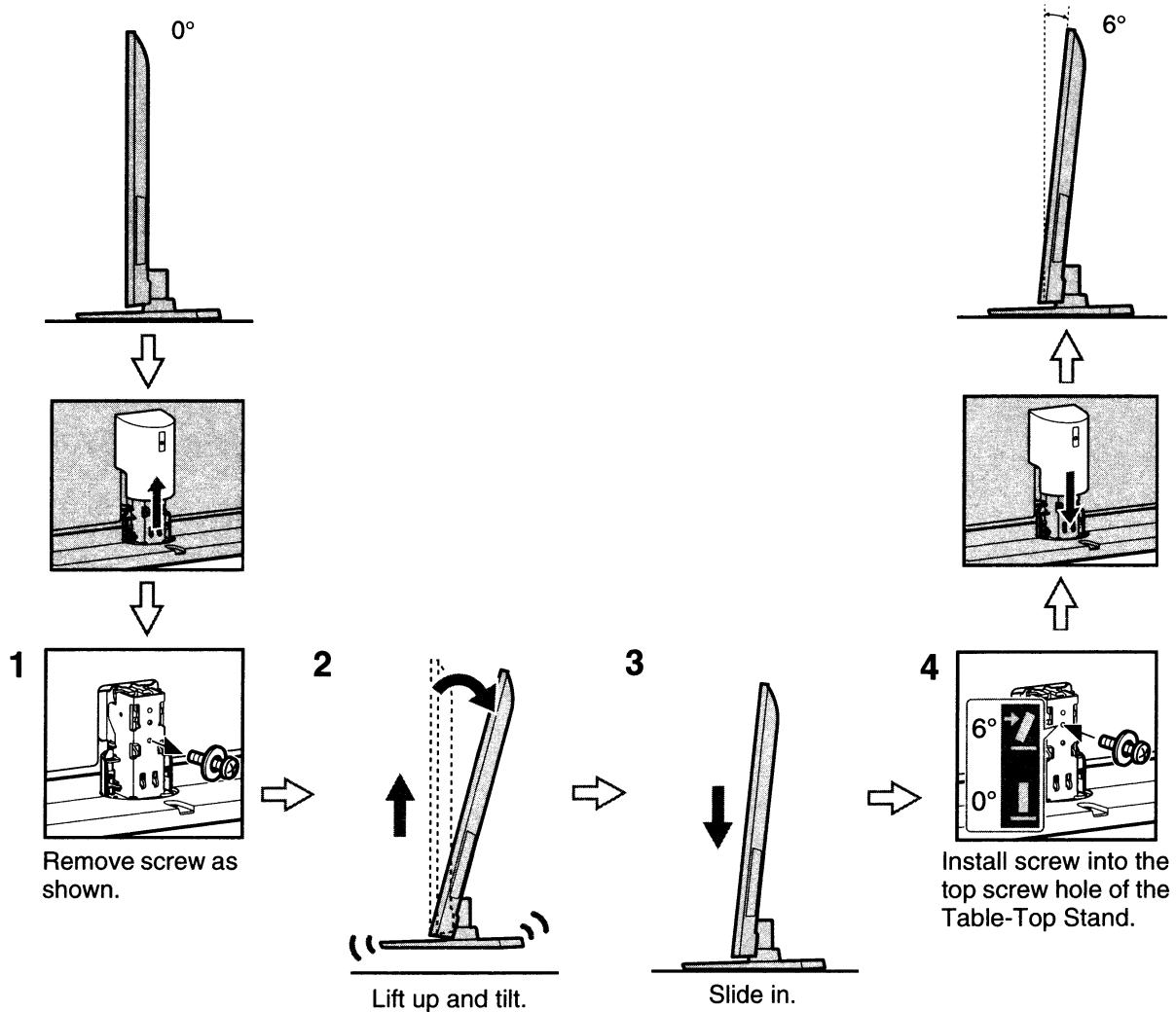
- If you use an electric screwdriver, set the tightening torque at approximately 1.5 N·m {15 kgf·cm}.
- 3** For XBR-52/46HX909 and KDL-40HX800, after all the screws are tighten cover the Table-Top Stand with the supplied stand rear cover.



- You can attach the TV to the Table-Top Stand with the stand rear cover on with the exception of XBR-52/46HX909 and KDL-40HX800. XBR-52/46HX909 and KDL-40HX800 must follow the above instructions.

## Adjusting the viewing angle (XBR-52/46HX909 only)


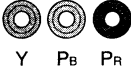



This TV can be adjusted within the angles shown below.



- Reverse the steps when readjusting the angle back to 0 degrees.

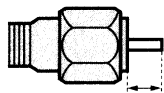
## Connecting the TV

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

	INPUT	VIDEO	AUDIO	SUPPORTED FORMATS							
				1080/24p	1080p	1080i	720/24p	720p	480p	480i	PC*
HD	HDMI		When HDMI is connected to DVI with an adapter, a separate Audio L/R is necessary.	✓	✓	✓	✓	✓	✓	✓	✓
	COMPONENT	 Y Pb Pr	 Audio L/R		✓	✓		✓	✓	✓	
SD	VIDEO	 Composite video connection	 Audio L/R							✓	

\* For supported PC formats refer to the i-Manual.

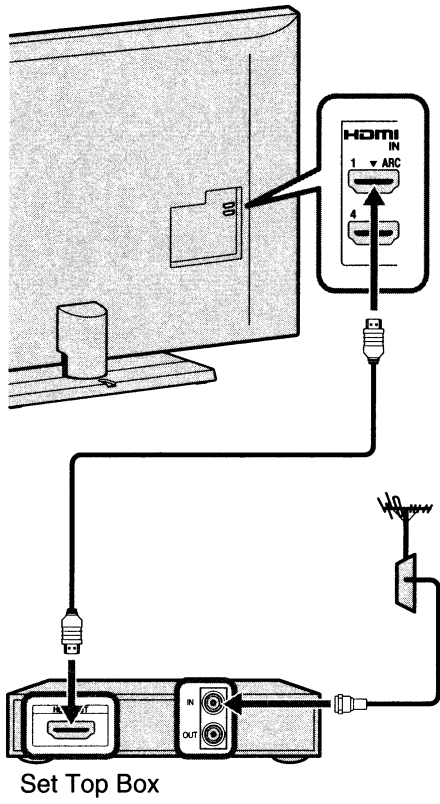
### Recommendation of the F type plug



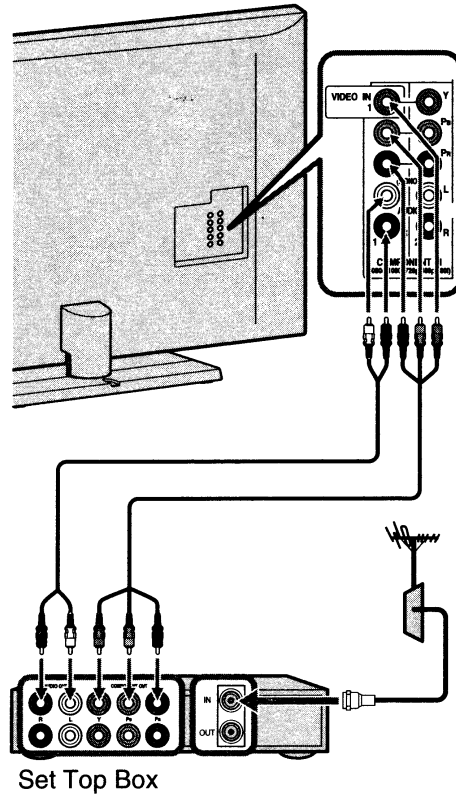
1.5 mm

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

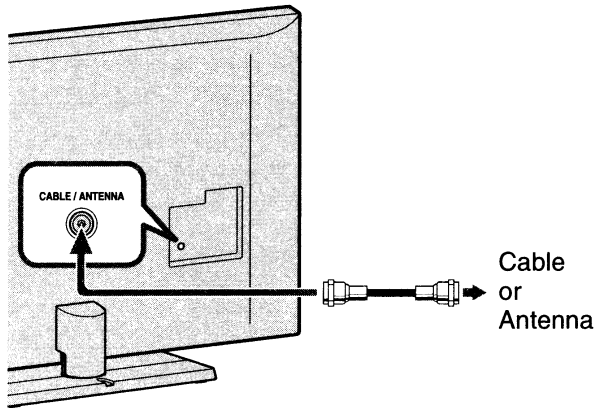
**Shown with a Set Top Box with HDMI connection**



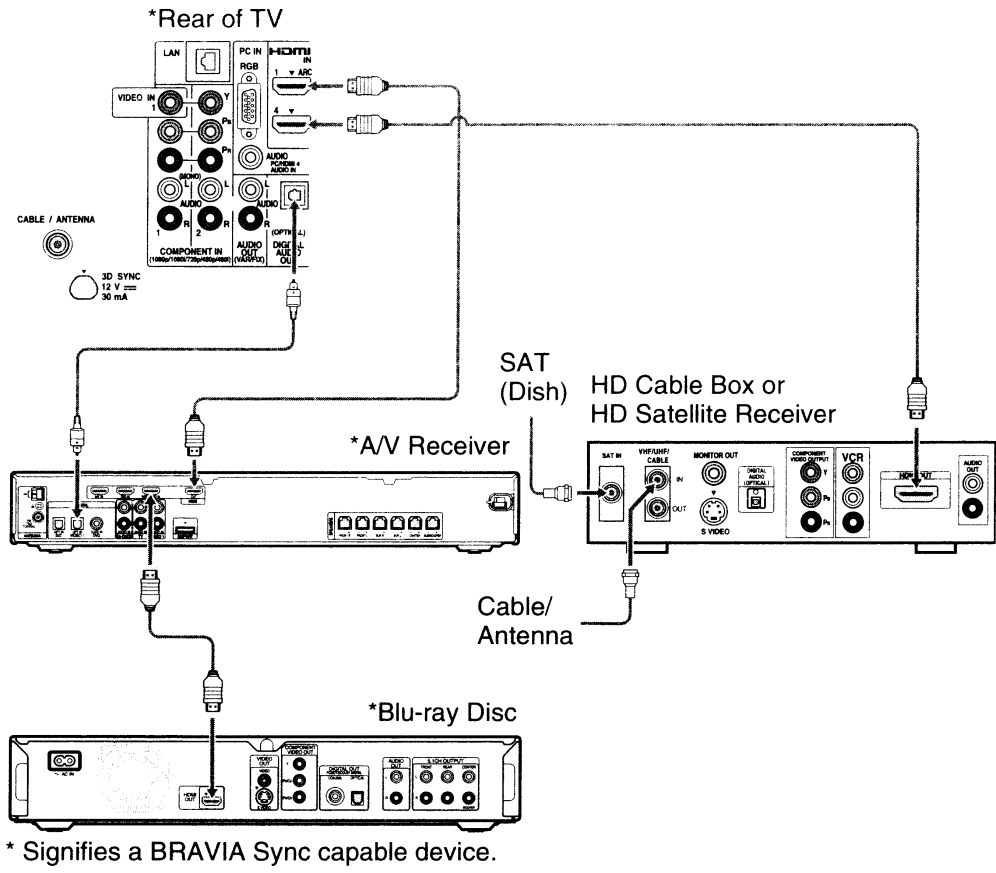
**Shown with a Set Top Box with COMPONENT connection**



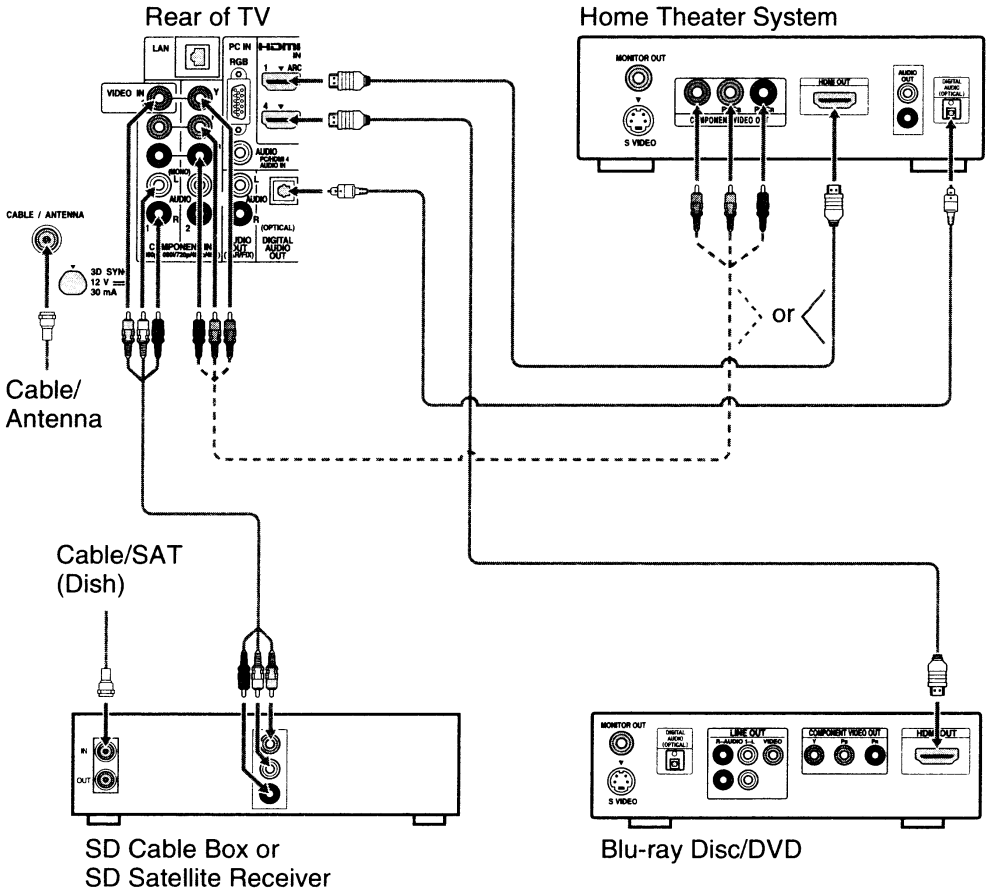
**Cable System or VHF/UHF Antenna System**



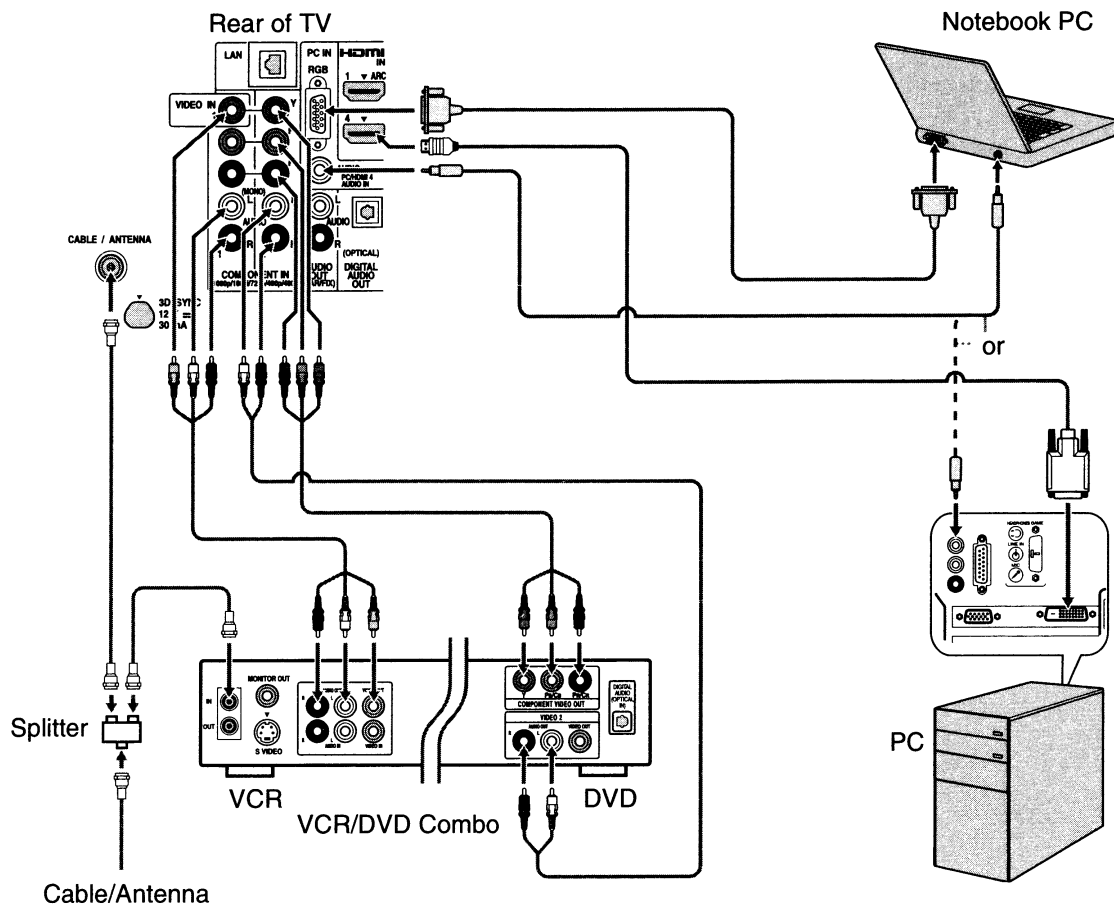
**Shown with HD BRAVIA® Sync™ Basic Connection**



**Shown with HD Basic Connection with Home Theater System**



# Shown with PC Connection with SD VCR/DVD



Setting up your TV

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

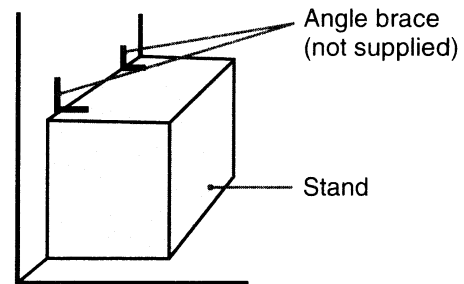
## Recommended Measures to Secure the TV

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

### 1 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.

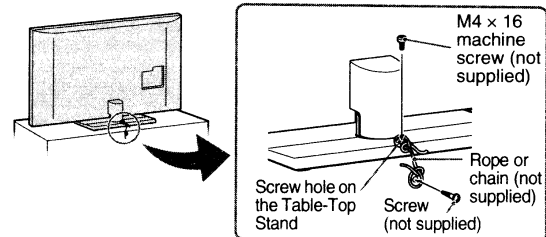


### 2 Secure the TV to the Stand

Use the optional hardware listed below (not supplied):

- M4 × 16 machine screw (screwed into the TV's Table-Top Stand)
- 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.

An alternative way to secure the TV is with an optional Sony Support Belt Kit.

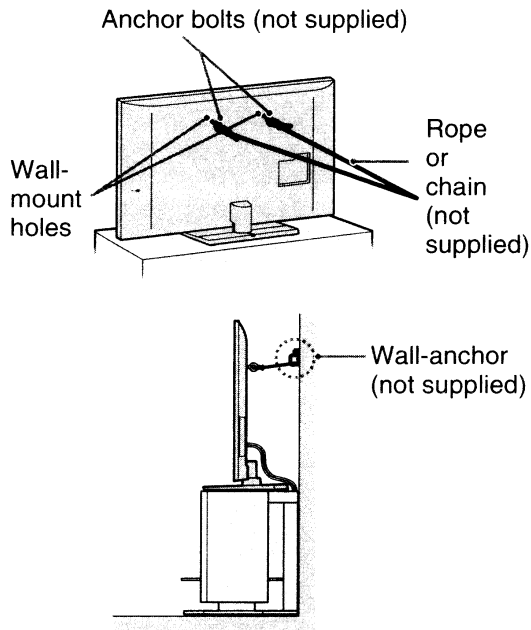


Contact Sony Customer Support to obtain the optional Support Belt Kit by providing your TV model name.

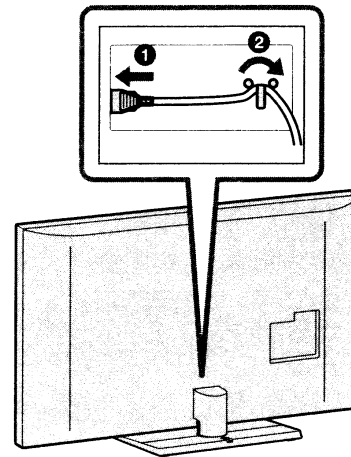
- For United States call: 1-800-488-7669 or visit: [www.sony.com/accessories](http://www.sony.com/accessories)
- For Canada call: 1-877-899-7669

### 3 Anchor the TV to the Wall

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

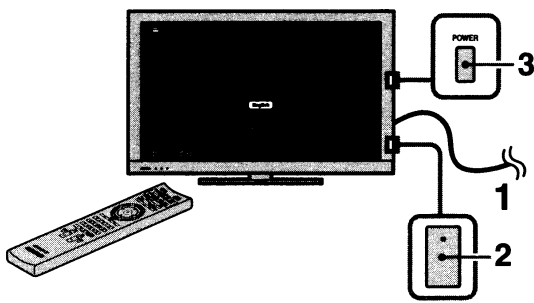


### Organizing the AC power cord

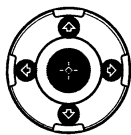


- KDL-55HX800 is shipped with screws attached to the rear of the TV. (They are fastened in the screw holes for wall mounting.) Be sure to remove the upper two screws prior to installing the TV on a wall.
- Securing the TV to the stand without securing the TV and the stand to the wall provides minimum protection against the TV toppling over. For further protection, be sure to follow the three measures recommended.

## Running initial setup



- 1** Complete your cable connections before proceeding with the **Initial Setup**.  
Connect the TV to your nearest power outlet.
- 2** Check the **ENERGY SAVING SWITCH** setting is on (●).
- 3** Press **POWER** on the TV.  
When you switch the TV on for the first time, the **Language** menu appears on the screen.



- 4** Follow the instructions on the screen.



- The **ENERGY SAVING SWITCH** must be on (●) to set the clock and obtain program information for the TV Guide.
- **Home** mode sets the TV to settings optimized for home viewing (this setting is ENERGY STAR compliant).

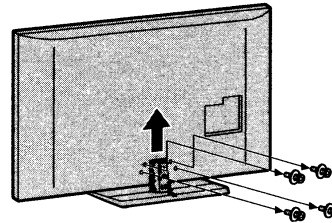
- 5** Select **Continue** to scan for available channels and enable the **TV Guide On Screen®** feature. If you receive channels from a cable box or satellite receiver and do not wish to use the TV's built-in tuner, select **Skip**.  
Selecting **Skip** will disable the **TV Guide On Screen** feature, which is only available when the TV's tuner is used.



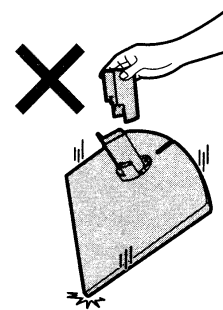
- If you skip the channel scan while in the setup menus, TV Guide will be disabled.

## Detaching the Table-Top Stand from the TV

Remove only the screws marked with ↑ on the TV.



- Do not remove the Table-Top Stand for any reason other than to install corresponding accessories on the TV.
- For XBR-52/46HX909 and KDL-40HX800, remove the stand rear cover prior to detaching the Table-Top Stand.
- For KDL-55HX800, when installing the TV on a wall, remove the four screws from the rear of the TV. (They are fastened in the screw holes for wall mounting.) Be sure to store the removed screws in a safe place, keeping them away from children.
- For KDL-55HX800, when attaching the Table-Top Stand again, be sure to fasten the four screws (previously removed) to the original holes on the rear of the TV.
- Do not hold by the stand rear cover while carrying the Table-Top Stand to prevent dropping the stand which may cause an injury or damage to the property.



## Using a Wall-Mount Bracket

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 “Detaching the Table-Top Stand from the TV” (page 14). Prepare the TV for the Wall-Mount Bracket before making cable connections.

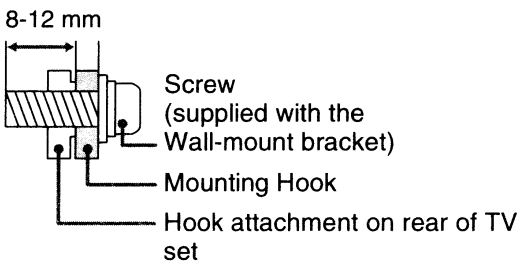
**For product protection and safety reasons, Sony strongly recommends that you use the Wall-Mount Bracket designed for your TV and the installation should be performed by a Sony dealer or licensed contractor.**

- Follow the instruction guide provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV’s weight.

- Be sure to 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.



- 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.

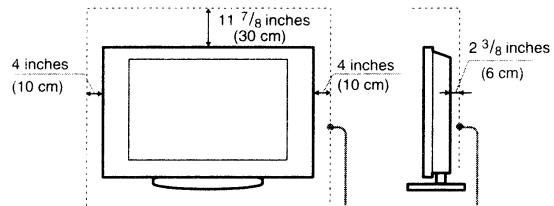


- Read the supplied Safety Booklet for additional safety information.

## Installing the TV Against a Wall or Enclosed Area

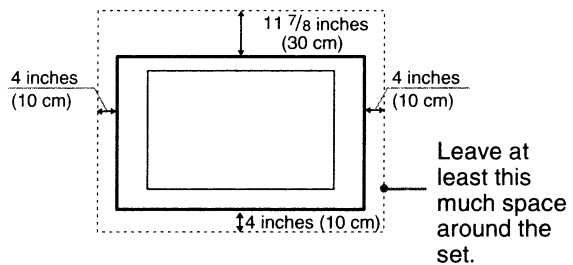
Make sure that your TV has adequate ventilation. Allow enough space around the TV as shown below. Avoid operating the TV at temperatures below 41 °F (5 °C).

### Installed with stand



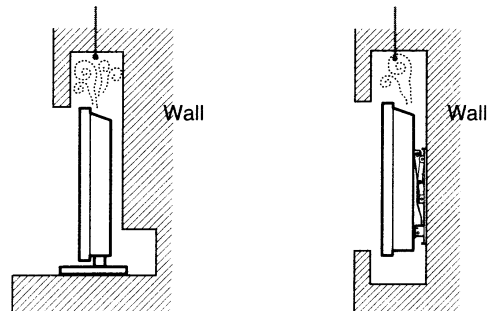
Leave at least this much space around the set.

### Installed on the wall



Never install the TV set as follows:

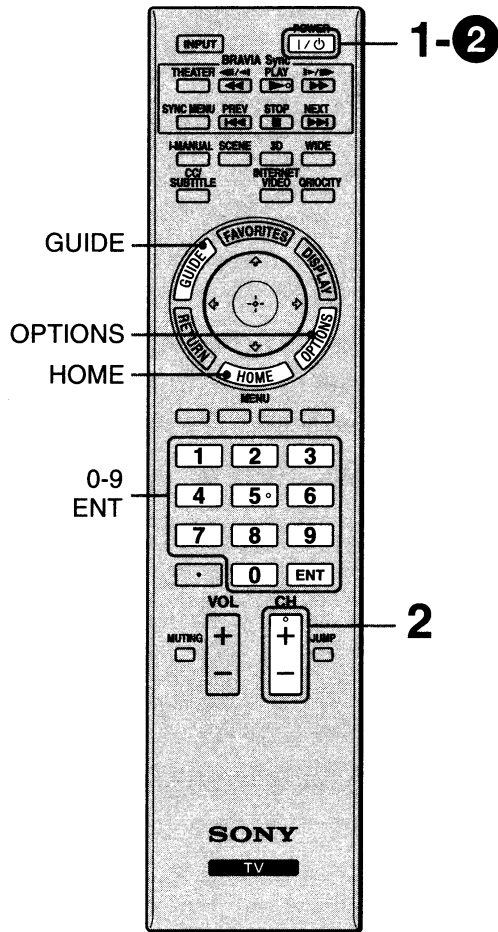
Air circulation is blocked. Air circulation is blocked.



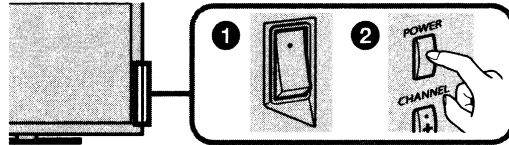
- Inadequate ventilation can lead to overheating of the TV and may cause damage to your TV or cause a fire.


# To watch TV

## To watch programs



### 1 Turn on the TV.






- 1 Check the **ENERGY SAVING SWITCH** setting is on (●).
- 2 Press **POWER** on the TV or on the remote control to turn on the TV. (You may use the  button located on the front or back of the remote control.)

### 2 Select a TV channel.



#### To use the Guide

Press **GUIDE** to display the **TV Guide On Screen** to view scheduled programs or to select a program to watch. Press again to exit the Guide. Use with **0-9** and **ENT** to select digital channels. For example, to enter 2.1, press , ,  and **ENT**.



## To use the TV features

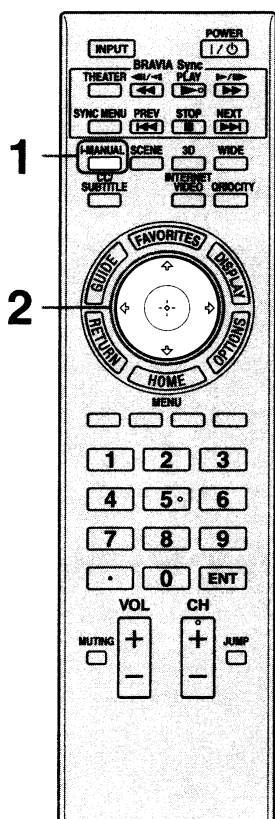
Press **HOME** to display **TV Home Menu/XMB™** to access **TV Settings** and other media and network related content.



Press **OPTIONS** to display a list of convenient functions and menu shortcuts. The Options menu items vary based on current input and/or content.



## To use i-Manual

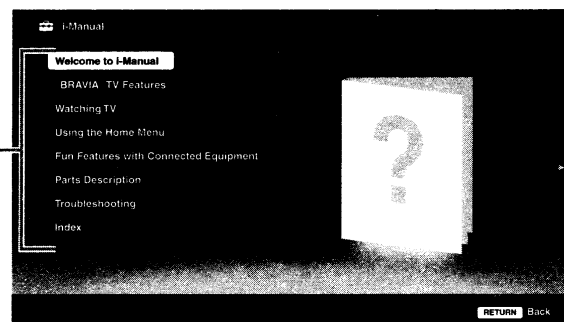
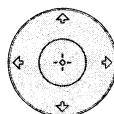


Your **BRAVIA** TV comes with an on-screen manual. To learn more about your TV's features you can access your i-Manual with the touch of a button.

### 1 Press i-MANUAL.



### 2 Press $\uparrow/\downarrow/\leftarrow/\rightarrow/\oplus$ to navigate and select items.



To watch TV

#### ■ Welcome to i-Manual

#### ■ “BRAVIA” TV Features

#### ■ Watching TV

Introduces convenient features such as TV Guide, Favorites, etc.

#### ■ Using the Home Menu

You can find how to customize your TV settings, etc.

#### ■ Fun Features with Connected Equipment

Introduces how to connect and enjoy optional equipment.

#### ■ Parts Description

#### ■ Troubleshooting

You can find solutions for your problems.

#### ■ Index



- Images and illustrations may differ from what you are watching on this TV.

# Troubleshooting

The TV will indicate any problems with the **STANDBY** indicator flashing in red.

## When the **STANDBY** indicator is flashing

The self-diagnosis function is activated.

- 1 Count how many times the **STANDBY** indicator flashes between each three second break.  
For example, the indicator may flash three times, go off for three seconds, then flash again three times.
- 2 Press **POWER** on the TV to turn it off, disconnect the AC power cord, and contact Sony Customer Support (information provided on the front cover) with how many times the indicator flashes.

## When the **STANDBY** indicator is not flashing

- 1 Check the items in the tables below. (Also refer to “Troubleshooting” in the i-Manual.)
- 2 If the problem persists, contact Sony Customer Support (information provided on the front cover).

Condition	Explanation/Solution
<b>Picture</b>	
There is no picture (screen is dark) and no sound.	<ul style="list-style-type: none"><li>• Check the antenna/cable connection.</li><li>• Connect the TV to the AC power, and press <b>POWER</b> on the TV.</li><li>• If the <b>STANDBY</b> indicator lights up in red, press <b>POWER</b> on the remote control.</li></ul>
Tiny black dots and/or bright dots appear on the screen.	<ul style="list-style-type: none"><li>• The screen is composed of pixels. Tiny black dots and/or bright dots (pixels) on the screen do not indicate a malfunction.</li></ul>
<b>General</b>	
The TV's power cannot be turned on.	<ul style="list-style-type: none"><li>• Check to see the (●) mark on the <b>ENERGY SAVING SWITCH</b> is pressed.</li></ul>
The TV turns off automatically (the TV enters standby mode).	<ul style="list-style-type: none"><li>• Check if the <b>Sleep Timer, Timer, or Idle TV Standby</b> is activated.</li><li>• The <b>Auto Shut-off</b> function may be set to <b>On</b>. If <b>Auto Shut-off</b> is activated and TV receives no signal, the TV will automatically enter standby mode in 15 minutes. Check <b>Auto Shut-off</b> is activated under <b>Eco</b> feature of this TV.</li></ul>
The remote does not function.	<ul style="list-style-type: none"><li>• Replace the batteries.</li><li>• Your TV may be in <b>SYNC</b> mode. Press <b>SYNC MENU</b>, select <b>TV Control</b> and then select <b>Home (Menu)</b> or <b>Options</b> to control the TV.</li></ul>
The TV and its surrounding become warm.	<ul style="list-style-type: none"><li>• When the TV is used for an extended period of time, the TV and its surround may become warm to touch. This is not malfunction of the TV.</li></ul>
The <b>Parental Lock</b> password has been forgotten.	<ul style="list-style-type: none"><li>• Enter 4357 for the PIN code. (PIN code 4357 is always accepted.)</li></ul>

---

## How to Care for Your BRAVIA

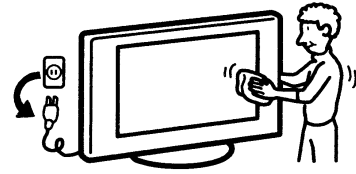
Safety is very important, please read and follow the safety documentation (Safety Booklet) separately provided.

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 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 12).

If you have young children or pets at home, check regularly to insure the TV is securely fastened.



# 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
Speaker output	10 W + 10 W
Input/Output jacks	
CABLE/ANTENNA	75-ohm external terminal for RF inputs
VIDEO IN 1/2	VIDEO / AUDIO
COMPONENT IN 1/2	YPBPR (Component Video) / Signal format: 480i, 480p, 720p, 1080i, 1080p / AUDIO
HDMI IN 1/2/3/4	HDMI: Video: 480i, 480p, 720p, 720/24p, 1080i, 1080p, 1080/24p Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital AUDIO (HDMI IN 4)
AUDIO OUT	500 mVrms (typical)
DIGITAL AUDIO OUT (OPTICAL)	PCM/Dolby Digital optical signal
PC IN	D-sub 15-pin, analog RGB
PC/HDMI 4 AUDIO INPUT	Stereo mini jack
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.)*1
USB/DLNA	Refer to the i-Manual for supported format.
3D SYNC	3D Sync terminal for optional transmitter
REMOTE (HX909 series only)	RS232C, D-sub 9 pin. This jack is for receiving the external control signal.

Model name KDL-/XBR-	55HX800	52HX909	46HX909	46HX800	40HX800
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	167 W	201 W	184 W	149 W	132 W
in DAM*2	14 W (You may hear a clicking noise during the download but this is normal.)				
in standby	Less than 0.12 W with 120 V AC and less than 0.2 W with 240 V AC				
Screen size (inches measured diagonally)	54.6 inches (55 class)	52 inches	46 inches		40 inches
Display resolution	1,920 dots (horizontal) × 1,080 lines (vertical)				
Speaker Full range with speaker box (2)	34 × 160 mm 1 3/8 × 6 3/8 inches	34 × 100 mm 1 3/8 × 4 inches		34 × 160 mm 1 3/8 × 6 3/8 inches	
Dimensions with stand	1,278 × 797 × 350 mm 50 3/8 × 31 1/2 × 13 7/8 inches	1,263 × 807 × 400 mm 49 3/4 × 31 7/8 × 15 3/4 inches	1,124 × 727 × 400 mm 44 3/8 × 28 5/8 × 15 3/4 inches	1,085 × 688 × 260 mm 42 3/4 × 27 1/8 × 10 1/4 inches	952 × 613 × 250 mm 37 1/2 × 24 1/4 × 9 7/8 inches
without stand	1,278 × 765 × 73 mm 50 3/8 × 30 1/8 × 2 7/8 inches	1,263 × 775 × 67 mm 49 3/4 × 30 5/8 × 2 3/4 inches	1,124 × 695 × 67 mm 44 3/8 × 27 3/8 × 2 3/4 inches	1,085 × 656 × 74 mm 42 3/4 × 25 7/8 × 3 inches	952 × 581 × 74 mm 37 1/2 × 22 7/8 × 3 inches
wall-mount hole pattern	400 × 300		300 × 300		
wall-mount screw size	M6 (length: refer to diagram on page 15.)				
Mass with stand	26.9/59.3 (kg)/(lb.)	42.9/94.5	36.2/79.8	19.2/42.3	16.4/36.2
without stand	22.6/49.8	36.9/81.3	30.2/66.6	16.9/37.3	14.2/31.3
Supplied accessories	See "Checking the accessories" (page 4).				
Optional accessories	Connecting cables / Support Belt Kit / Wall-Mount Bracket / TV Stand / 3D Glasses (TDG-BR100/TDG-BR50) / 3D Sync Transmitter (TMR-BR100)				

\*1 For LAN connections, use a Category 7 10BASE-T/100BASE-TX cable (not supplied).

\*2 Download Acquisition Mode (DAM) is used for software updates and/or collecting data for TV Guide On Screen.

- Optional accessories availability depends on its stock.
- Design and specifications are subject to change without notice.

### Declaration of Conformity

Trade Name: SONY  
Model: KDL-55HX800/XBR-52HX909/XBR-46HX909/  
KDL-46HX800/KDL-40HX800  
Responsible Party: Sony Electronics Inc.  
Address: 16530 Via Esprillo,  
San Diego, CA 92127 U.S.A.  
Telephone Number: 858-942-2230

This device complies with part 15 of the FCC rules.  
Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received,  
including interference that may cause undesired  
operation.

### For customers in Canada

This Class B digital apparatus complies with Canadian ICES-003.

### FCC Related Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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.

### 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.

### Compatible Optional Accessories Information

Use the following Sony optional accessories with your TV model.

	Sony TV Model No.			
KDL-/XBR-	55HX800	52HX909	46HX909	46HX800/ 40HX800
Sony Wall-Mount Bracket Model No.	SU-WL500			
Sony TV Stand No.*	—	SU-52HX1	SU-46HX1	—

\* Some of these TV Stand models may not be available in your area.

Use with other optional accessories may cause instability and could result in property damages or injury.

For instructions on using the Wall-Mount bracket with your TV please go to <http://esupport.sony.com> for your TV model and download "Additional Information for Using Sony Wall-Mount Bracket".

### To Customers

Sufficient expertise is required for TV installations. Be sure to subcontract the installation to a Sony dealer or licensed contractor and pay adequate attention to safety during the installation.

## For Your Convenience

### Online Registration:

Be sure to register your TV.

**United States**     <http://productregistration.sony.com>

**Canada**             <http://www.SonyStyle.ca/registration>

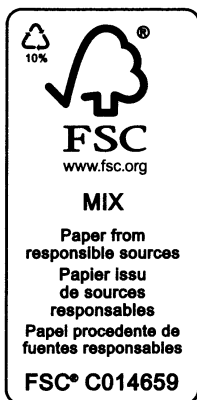
### Software Updates:

Your TV is capable of receiving software updates. For the latest information about software updates for your TV, visit:

**United States**     <http://www.sony.com/tvsupport>

**Canada**             <http://www.sony.ca/support>

**NOTE:** If your TV is connected to the Internet, you can check for software updates by selecting **Settings, Product Support** and then **Automatic Software Update**.

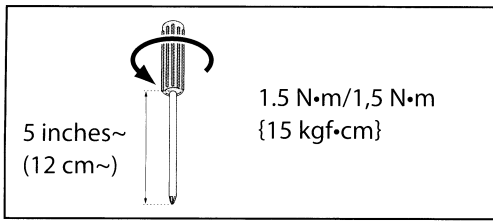


<http://www.sony.net/>

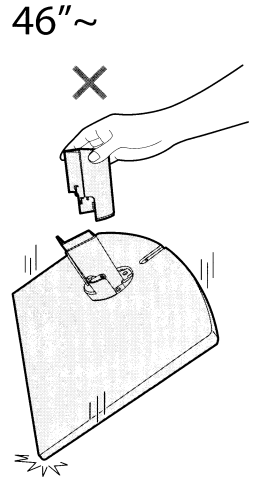
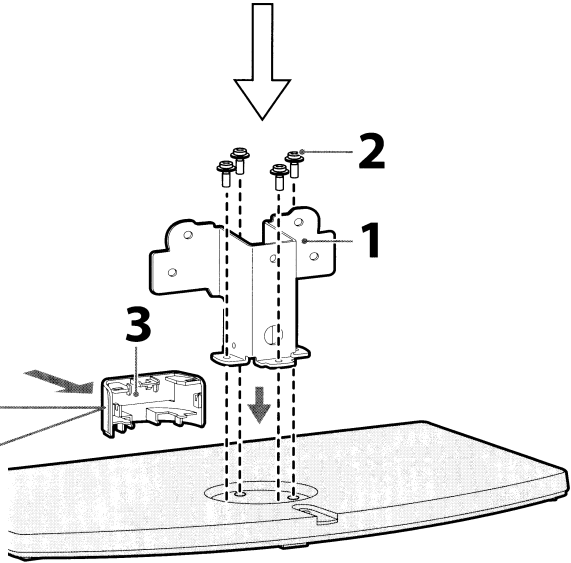
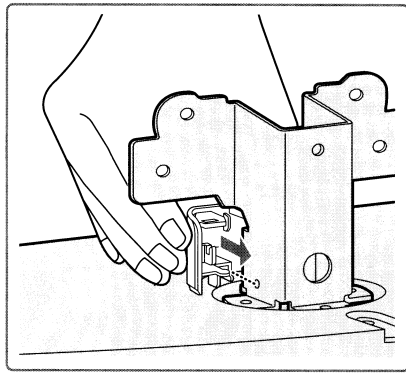
© 2010 Sony Corporation Printed in U.S.A.



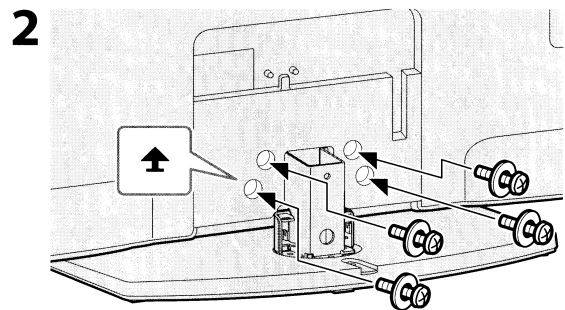
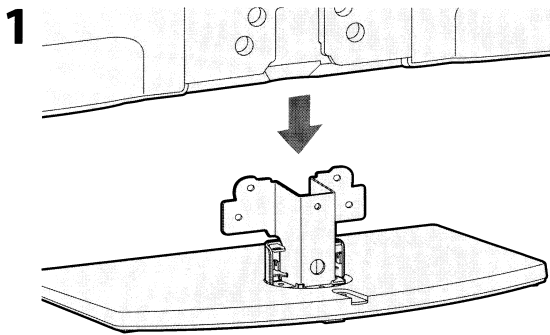
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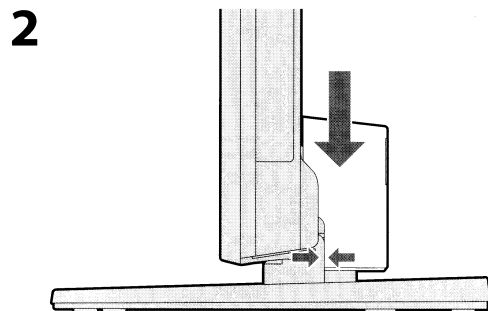
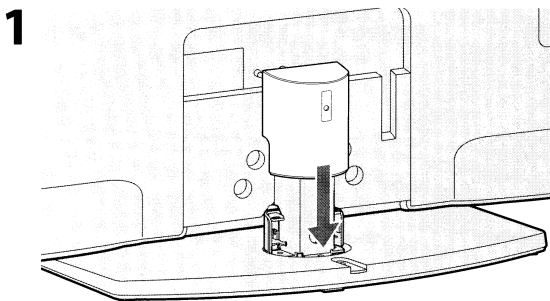
**1** ~40"



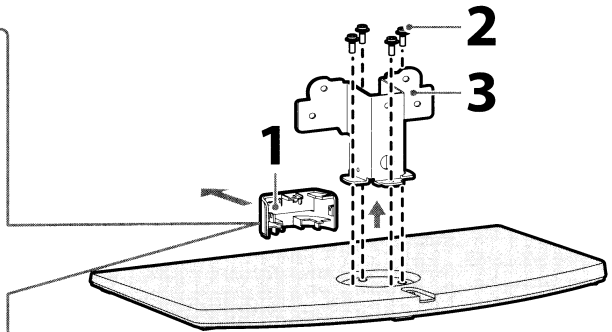
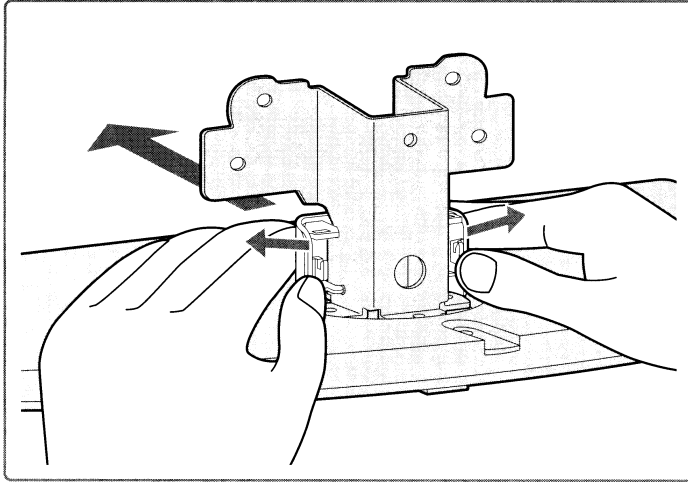
**2**



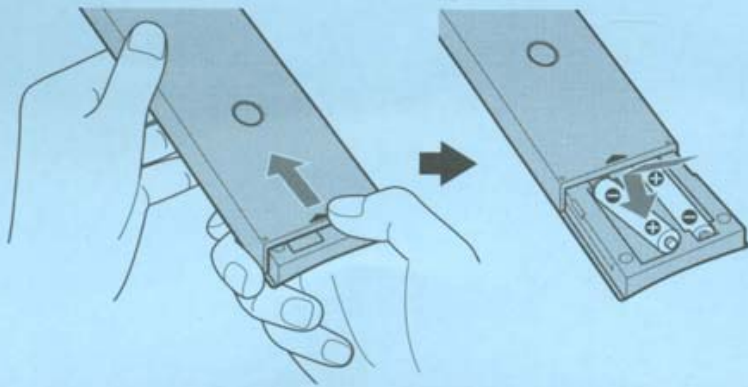
**3**



~40"



**SONY**



Slide the cover to open.

Deslize a tampa para abrir.

Deslice la cubierta para abrirla.

Verschuif de afdekking om te openen.

Ouvrez le couvercle en le faisant glisser.

Verschieben Sie zum Öffnen die Abdeckung.

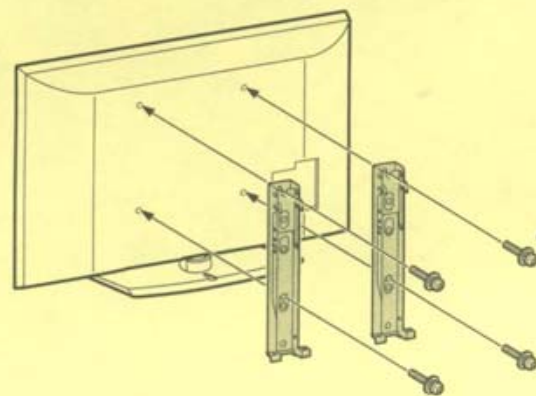
Per aprire, far scorrere il coperchio verso l'alto.

滑动并打开盖子。

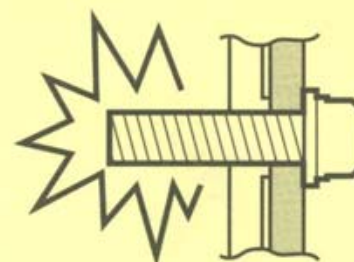
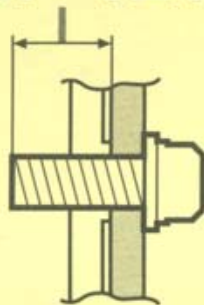
滑動並打開蓋子。

커버를 밀어서 엽니다.

# SONY®



**8 mm - 12 mm**



## US CAUTION

When using a non-Sony Wall-mount bracket, be sure to use fixing screws which are **8 mm to 12 mm** in length when measured from the attaching surface of the mounting hook. Use of fixing screws other than those specified may result in internal damage to the TV set or cause the TV to fall, etc. (The images shown are examples. Your TV model/Wall-mount bracket may differ.)

## FR ATTENTION

Lors de l'utilisation d'un support de montage mural de marque autre que Sony, veuillez à utiliser des vis mesurant de **8 mm à 12 mm** à partir de la surface de fixation du crochet de montage. L'utilisation d'autres vis que celles qui sont indiquées peut occasionner des dommages internes au téléviseur ou causer sa chute, etc. (Les illustrations sont fournies à titre d'exemples. Votre téléviseur ou le support de fixation murale peuvent être différents, selon le modèle.)

## ES PRECAUCIÓN

Cuando use un soporte para pared que no sea Sony, asegúrese de usar tornillos de fijación de **8 mm a 12 mm** de largo cuando se miden desde la superficie de sujeción del gancho de montaje. El uso de tornillos de fijación que no sean los especificados puede causar daños al equipo de televisión o hacer que el televisor se caiga, etc. (Las imágenes que se muestran son ejemplos. Su modelo de televisor/montaje de pared puede ser diferente.)

## PT CUIDADO

Quando utilizar um suporte de montagem que não é da marca Sony, certifique-se de utilizar parafusos de fixação de **8 mm a 12 mm** de comprimento quando medido a partir da superfície de fixação do gancho de montagem. A utilização de parafusos de fixação do tipo não especificado pode resultar em danos internos da TV ou causar a sua queda, etc. (A imagem mostrada é meramente ilustrativa. O modelo da sua TV/suporte de montagem pode ser diferente.)

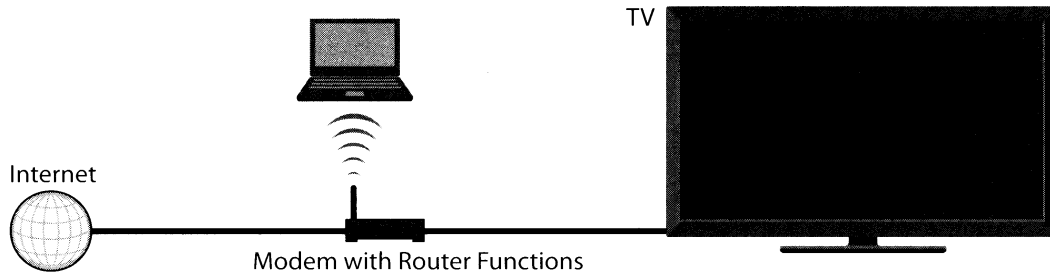


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4-191-201-12(1)

# Connecting other equipment

## Internet Settings

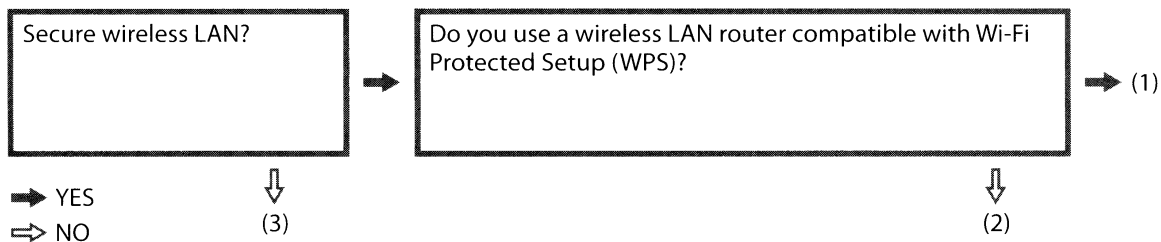


## Connecting to the Internet

Using the network feature you can connect the TV to the Internet. The setup procedure differs depending on the type of network and LAN router.

Before setting up the Internet connection:

- Be sure to set up a LAN router.
- Check your wireless LAN environment using the following chart. If you have a wired network environment, directly refer to (4).



- (1) ▶ Follow the configuration for “Network Setup” and “Secured Network with Wi-Fi Protected Setup (WPS).”
- (2) ▶ Follow the configuration for “Network Setup” and “Secured Network without Wi-Fi Protected Setup (WPS).”
- (3) ▶ Follow the configuration for “Network Setup” and “Unsecured Network with Any Type of Wireless LAN Router.”
- (4) ▶ Refer to “Network Setup” and follow the instructions that appear on the screen.

## Network Setup

“Network Setup” helps you configure network settings with the settings wizard. Follow the instructions on the screen.

Press HOME, then select > Network > Network Setup.

The start-up screen allows you to select a setting procedure according to your network environment.

“View Network Status”: Select to confirm your network status.

“Wired Setup”: Use to connect to a wired network.

“Wireless Setup”: Use to connect to a wireless network.

---

## Secured Network with Wi-Fi Protected Setup (WPS)

The WPS standard makes setup of a secure wireless home network as simple as pressing the WPS button on the wireless LAN router. Before setting up a wireless LAN, check the location of the WPS button on the router and verify how to use it.

- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “WPS (Push Button)” for Push Button method or “WPS (PIN)” for PIN method.
- 3 Follow the instructions that appear on the setup screen.



- To connect to a wireless LAN with WPS, your wireless LAN router needs to support the WPS standard.

---

## Secured Network without Wi-Fi Protected Setup (WPS)

For setting up a wireless LAN, SSID (wireless network name) and security key (WEP or WPA key) will be required. If you do not know them, consult the instruction manual of your router.

- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “Scan,” then select a network from the list of scanned wireless networks.
- 3 Follow the instructions that appear on the setup screen.

---

## Unsecured Network with Any Type of Wireless LAN Router

For setting up a wireless LAN, SSID (wireless network name) will be required. Security key (WEP or WPA key) will not be required because you need to select no security method in this procedure.

- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “Scan,” then select a network from the list of scanned wireless networks.
- 3 Follow the instructions that appear on the setup screen.

---

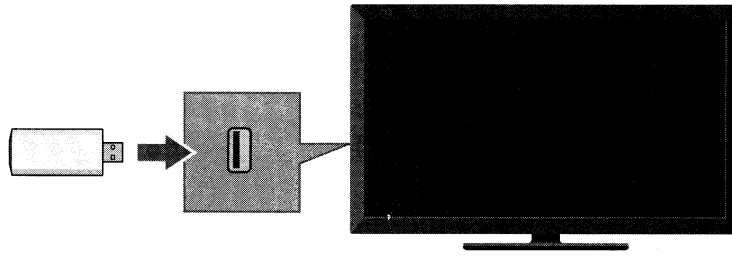
## Checking the Network Connection

Enter the respective alphanumeric values for your router if necessary. The items that need to be set (e.g. IP Address, Subnet Mask, DHCP) may differ depending on the Internet service provider or router. For details, refer to the instruction manuals provided by your Internet service provider, or those supplied with the router.

- 1 Select “Auto” to set the IP Address and proxy server automatically, or “Custom” to set them manually.
- 2 Follow the instructions that appear on the setup screen.

## Wireless LAN Ready

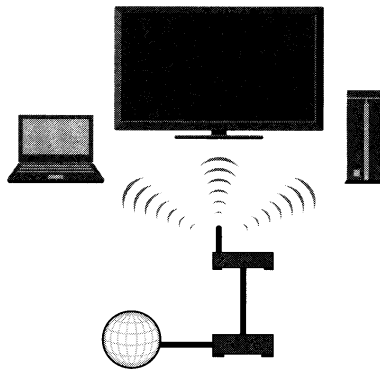
Wireless LAN Ready lets you easily access the Internet and your home network with the USB Wireless LAN Adapter UWA-BR100 (as of January 2010). By inserting the USB Wireless LAN Adapter into your TV's USB port, you can easily create a cable-free network.



- Before setting up the wireless LAN function of the TV, be sure to set up a wireless LAN router.
- The USB Wireless LAN Adapter is supplied or available as an optional accessory, depending on your TV model. In some regions/countries, the USB Wireless LAN Adapter may not be available.

## Built-in Wireless LAN (Built-in Wireless LAN model only)

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

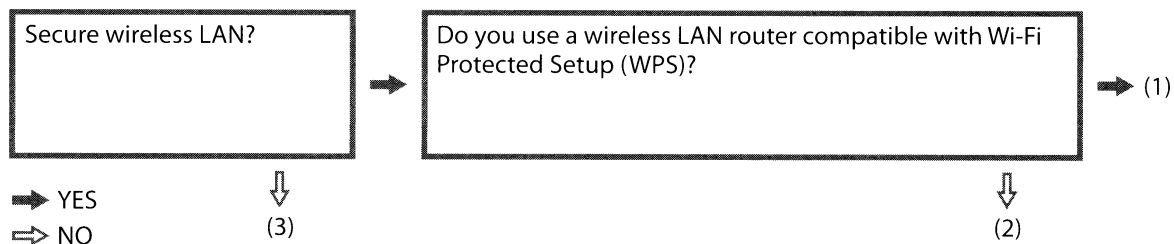


- Before setting up the wireless LAN function of the TV, be sure to set up a wireless LAN router.

## Connecting to Your Wireless LAN

Using the Wireless LAN Ready feature you can connect the TV to your wireless LAN. The setup procedure differs depending on the type of wireless LAN and wireless LAN router.

Before setting up a wireless LAN, check your wireless LAN environment using the following chart.



- (1) ▶ Follow the configuration for "Network Setup" and "Secured Network with Wi-Fi Protected Setup (WPS)."
- (2) ▶ Follow the configuration for "Network Setup" and "Secured Network without Wi-Fi Protected Setup (WPS)."
- (3) ▶ Follow the configuration for "Network Setup" and "Unsecured Network with Any Type of Wireless LAN Router."

---

## Network Setup

“Network Setup” helps you configure network settings with the settings wizard. Follow the instructions on the screen.

Press HOME, then select  > Network > Network Setup.

The start-up screen allows you to select a setting procedure according to your network environment.

“View Network Status”: Select to confirm your network status.

“Wired Setup”: Use to connect to a wired network.

“Wireless Setup”: Use to connect to a wireless network.

---

## Secured Network with Wi-Fi Protected Setup (WPS)

The WPS standard makes setup of a secure wireless home network as simple as pressing the WPS button on the wireless LAN router. Before setting up a wireless LAN, check the location of the WPS button on the router and verify how to use it.

- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “WPS (Push Button)” for Push Button method or “WPS (PIN)” for PIN method.
- 3 Follow the instructions that appear on the setup screen.



- To connect to a wireless LAN with WPS, your wireless LAN router needs to support the WPS standard.

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## Secured Network without Wi-Fi Protected Setup (WPS)

For setting up a wireless LAN, SSID (wireless network name) and security key (WEP or WPA key) will be required. If you do not know them, consult the instruction manual of your router.

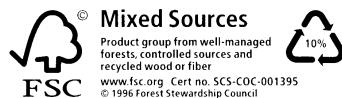
- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “Scan,” then select a network from the list of scanned wireless networks.
- 3 Follow the instructions that appear on the setup screen.

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## Unsecured Network with Any Type of Wireless LAN Router

For setting up a wireless LAN, SSID (wireless network name) will be required. Security key (WEP or WPA key) will not be required because you need to select no security method in this procedure.

- 1 Select “Wireless Setup” from the “Network Setup” start-up screen.
- 2 Select “Scan,” then select a network from the list of scanned wireless networks.
- 3 Follow the instructions that appear on the setup screen.



### ENGLISH

#### Preventing TV Tip-Over Accidents

The U.S. Consumer Product Safety Commission (CPSC) estimates that in 2005 at least 3,000 children younger than age 5 were treated in U.S. hospitals emergency rooms because of injuries associated with TV tip-overs. In addition, from 2000 through 2005, CPSC received reports of 36 TV tip-over deaths. More than 80 percent of all these deaths involved young children. The injuries and deaths frequently take place when kids climb onto, fall against or pull themselves up on shelves, bookcases, dressers, desks, chests and television stands. In some cases, televisions placed on top of furniture tip over and cause a child to suffer a traumatic and sometimes fatal injury.

### FRANÇAIS

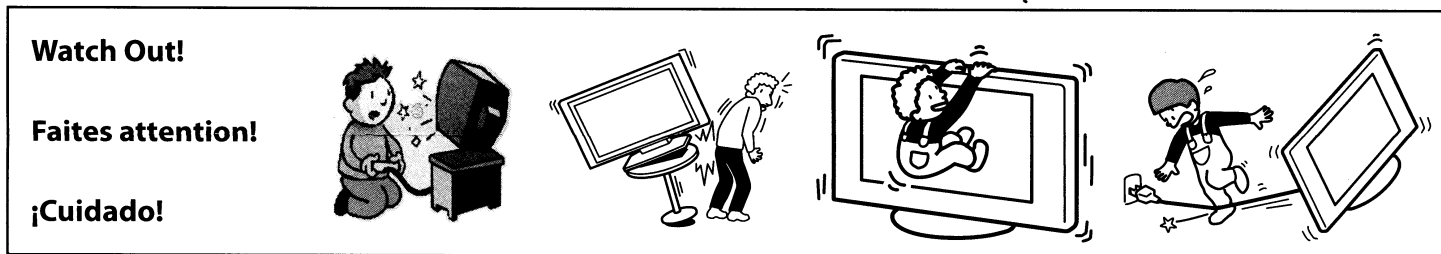
#### Éviter les accidents de renversement de téléviseur

La commission de surveillance des produits de consommation (CPSC) des É.-U. estime qu'en 2005 au moins 3 000 enfants de moins de cinq ans ont été traités dans les salles d'urgence des hôpitaux états-uniens pour des blessures associées à des renversements de téléviseurs. De plus, de 2000 à 2005, la CPSC a reçu des rapports de 36 décès causés par un renversement de téléviseur. Plus de 80 pour cent de ces décès impliquaient de jeunes enfants. Les blessures et les décès ont souvent lieu lorsque les enfants tombent contre, grimpent ou se hissent sur des tablettes, des bibliothèques, des commodes, des bureaux, des armoires et des supports de téléviseur. Dans certains cas, les téléviseurs placés sur des meubles se renversent et causent une blessure grave et parfois fatale à l'enfant.

### ESPAÑOL

#### Prevención de accidentes por vuelco y caída del televisor

La Comisión de Seguridad de Productos de EE.UU. (CPSC) calcula que en el 2005 por lo menos 3,000 niños menores de 5 años recibieron tratamiento de emergencia en hospitales de Estados Unidos debido a las lesiones recibidas al volcarse un televisor. Asimismo, entre los años 2000 y 2005, la CPSC recibió informes de 36 muertes causadas por volcarse un televisor. Más del 80% de las muertes fueron de niños pequeños. Con frecuencia, las lesiones y muertes suceden cuando un niño se trepa a un televisor, cae sobre él o trata de subirse en repisas, roperos, escritorios o bases de televisor. En algunos casos, cuando se coloca un televisor encima de un mueble, éste puede volcarse y caer causando trauma físico y hasta la muerte en niños.



**Watch Out!**

**Faites attention!**

**¡Cuidado!**

#### The following safety tips are recommended to prevent furniture or TV tip-overs:

- Verify that television is placed only on furniture that is stable on its own. For added security it is recommended that you attach to the wall or anchor to the floor all entertainment units, TV stands, bookcases, shelving, and bureaux using appropriate hardware, such as brackets, screws, or toggles.
- Place the television on sturdy furniture appropriate for the size of the TV or on a low-rise base.
- Push the television as far back as possible.
- Place electrical cords and audio/visual cables out of a child's reach, and teach kids not to play with them.
- Remove items that might tempt kids to climb on or near the television, such as toys and remote controls, from top of the TV and furniture.

See the operating instruction for more information on how to secure the TV.

#### Les conseils de sécurité suivants sont recommandés pour éviter les renversements de meubles ou de téléviseurs :

- Assurez-vous que le téléviseur est placé seulement sur un meuble qui est stable par lui-même. Pour augmenter la sécurité, il est recommandé de fixer au mur ou au sol toutes les unités de divertissement, les supports de téléviseur, les bibliothèques, les tablettes et les bureaux au moyen de la quincaillerie appropriée, comme des supports, des vis ou des boulons à ailettes.
- Placez le téléviseur sur un meuble robuste approprié pour la taille du téléviseur ou sur une base basse.
- Poussez le téléviseur aussi loin que possible vers l'arrière.
- Placez les cordons électriques et les câbles audio/vidéo hors de la portée des enfants et montrez-leur de ne pas jouer avec eux.
- Retirez du dessus du téléviseur et des meubles les objets qui pourraient inciter les enfants à grimper sur ou près du téléviseur, comme des jouets ou des télécommandes.

Reportez-vous aux directives d'utilisation pour obtenir d'autres renseignements sur la façon de sécuriser le téléviseur.

#### A continuación se presentan algunos consejos de seguridad recomendados para prevenir el vuelco y la caída de televisores:

- Asegúrese de que el televisor solamente esté colocado sobre muebles que sean estables en sí. Para mayor seguridad, se recomienda que todas las unidades de entretenimiento, bases para televisor, libreros, repisas o burós se sujeten a la pared o al piso usando las ménsulas, tornillos o abrazaderas adecuadas.
- Coloque el televisor en un mueble sólido adecuado al tamaño del aparato o en una base que no sea alta.
- Coloque el televisor lo más atrás del mueble que sea posible.
- Coloque los cables eléctricos y del sistema audiovisual fuera del alcance de los niños y enséñeles a que no deben jugar con cables.
- Retire cualquier objeto como juguetes o controles remoto que esté encima del televisor o del mueble y que pudiera incitar a los niños a treparse en el televisor o cerca de él.

Consulte las instrucciones de funcionamiento para obtener más información sobre cómo asegurar el televisor.

# ENGLISH

## Does your picture quality seem poor? Do you have a cable or satellite box?

Factors other than your TV can affect picture quality.

### 1) Cable or Satellite Set-Top Box (STB)

Request an HD STB from your service provider and review your STB settings.

You may need to adjust your STB audio and picture settings, otherwise you may experience issues such as: Poor picture quality, black bars on the top or sides of the screen, no audio, empty black boxes on the screen.

Contact your service provider if you have any questions on STB usage.

### 2) Broadcaster

The broadcaster controls the quality of the program. Some programs are broadcast in High Definition (HD), while other programs are broadcast in Standard Definition (SD), even on HD stations.

HD broadcast  
Crisp, clear picture

SD broadcast  
Fuzzy picture, often with black bars



Type of content stations can broadcast:

	SD Station	HD Station
SD Content	X	X
HD Content		X
Both HD & SD content		X

SD content on HD channels does not create an HD picture!

### 3) Original Recording Quality

The quality of the picture you see also depends on the type of camera used when the original recording was made.

# FRANÇAIS

## Est-ce que la qualité de votre image semble mauvaise?

### Est-ce que vous avez le câble ou un satellite?

Facteurs autres que votre téléviseur pouvant affecter la qualité de l'image.

### 1) Décodeur de câble ou satellite

Demandez un décodeur HD à votre fournisseur de service et examinez les réglages de votre décodeur.

Vous devrez ajuster les réglages de son et d'image de votre décodeur, sinon vous pourriez constater les problèmes suivants : mauvaise qualité d'image, barres noires dans le haut ou les côtés de l'écran, pas de son, boîtes noires vides à l'écran.

Communiquez avec votre fournisseur de service si vous avez des questions au sujet de l'utilisation du décodeur.

### 2) Télédiffuseur

Le télédiffuseur contrôle la qualité de l'émission.

Certaines émissions sont télédiffusées en haute définition (HD), tandis que d'autres sont télédiffusées en définition standard (SD), même sur des postes HD.

Télédiffusion HD  
Image claire, précise

Télédiffusion SD  
Image floue, souvent avec des barres noires



Type de contenu que les stations peuvent diffuser :

	Stations SD	Stations HD
Contenu SD	X	X
Contenu HD		X
Contenu HD et SD		X

Le contenu SD sur des canaux HD ne crée pas une image HD!

### 3) Qualité de l'enregistrement initial

La qualité de l'image que vous voyez dépend aussi du type de caméra utilisé lors de l'enregistrement initial.

# ESPAÑOL

## ¿La calidad de la imagen no es óptima? ¿Tiene un receptor de cable o satélite?

Existen factores aparte del televisor que pueden afectar la calidad de la imagen.

### 1) Receptores de cable o satélite (Set-Top Box o STB)

Solicite un receptor de alta definición (HD) de la compañía que le ofrece el servicio y cheque la configuración del receptor.

Es posible que necesite ajustar la configuración de audio e imagen de su receptor, de no ser así, podría observar lo siguiente: mala calidad de la imagen, barras negras en la parte superior o en los costados de la pantalla, falta de audio, recuadros negros vacíos en la pantalla.

Comuníquese con la compañía proveedora de servicio si tiene alguna pregunta sobre el uso de su receptor.

### 2) Cadenas transmisoras

La cadena transmisora controla la calidad del programa. Algunos programas se transmiten en alta definición (HD), mientras que otros se transmiten en definición estándar (SD) o hasta en estaciones de alta definición.

Transmisión en Alta Definición (HD)  
Imagen clara y nítida

Transmisión en Definición Estándar (SD)  
Imagen borrosa, con frecuencia aparecen barras negras



Tipo de contenido que las estaciones pueden transmitir:

	Estación SD	Estación HD
Contenido SD	X	X
Contenido HD		X
Contenido tanto HD como SD		X

¡El contenido SD en canales HD no crea una imagen en alta definición!

### 3) Calidad original de la filmación

La calidad de la imagen que ve también depende del tipo de cámara que se usó cuando se hizo la filmación original.

Safety and Regulatory Booklet

Read and understand the contents of this booklet before operating your new TV.

Feuillet de consignes d'utilisation et de sécurité

Veillez lire et vous assurer de comprendre le contenu de ce feuillet avant d'utiliser votre nouveau téléviseur.

Folleto de instrucciones de seguridad

Lea y entienda el contenido de este folleto antes de operar su nuevo televisor.



3-299-071-03(1)



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WARNING

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

The TV must never be exposed to dripping, splashing, or spilling liquids of any kind.

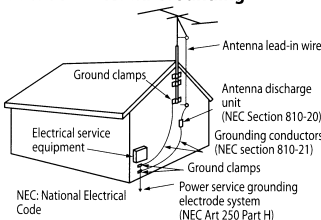


This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the TV's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the TV.

Outdoor Antenna Grounding



MOISTURE

- Do not place liquid filled objects such as a vase or potted plant on the TV.
- Do not use a power line operated TV set near water; for example, near a bathtub, washbowl, kitchen sink, laundry tub, wet basement or near a swimming pool, etc.



CLEANING

- When cleaning, be sure to unplug the power cord to avoid any chance of electric shock.
- Clean the cabinet of the TV with a dry soft cloth.
- 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.
- Do not spray water or detergent directly on the TV set. It may drip to the bottom of the screen or exterior parts, and may cause a malfunction.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never use strong solvents such as a thinner, alcohol or benzine for cleaning.
- Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.



VENTILATION

- The ventilation openings in the TV are necessary to ensure reliable operation of the TV and to protect it from overheating.
- Do not block or cover the ventilation openings with cloth or other materials.
- Never place the TV on a bed, sofa, rug or other similar surface where ventilation openings may be blocked.
- Unless proper ventilation is provided, the TV may accumulate dust and cause damage.
- Never allow liquid or solid objects to fall into the ventilation openings.



- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.



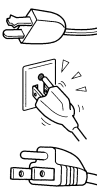
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.



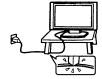
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.



- 11) Only use attachments/accessories specified by the manufacturer.



- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.



- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Please observe the Additional Safety DOs and DON'Ts to avoid electrical shock, short-circuit, fire, bodily injury or property damage.

Additional

- If any liquid or solid object falls inside the TV, unplug the TV immediately and have it checked by qualified service personnel before operating it further.
- Never push objects of any kind into the TV through the ventilation openings as they may come in contact with dangerous voltage points or short out parts that could result in a fire or an electric shock.

Allow adequate space around the TV set to ensure proper air circulation.

- Never place the TV in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.
- There should be a clearance of at least 11 7/8 inches (30 cm) above the TV set and 4 inches (10 cm) on each side. If mounted on the wall, allow at least 4 inches (10 cm) of clearance at the bottom of the screen. (See additional information provided in the Operating Instructions manual.)



INSTALLATION

The TV should be installed near an easily accessible AC power outlet.

- Do not install the TV face up or down, upside down or on its side.
- Do not install the TV in hot, oily, humid, or excessively dusty places.
- 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.
- Do not install the TV in a place exposed to direct air conditioning; moisture may condense inside and may cause TV malfunction.
- Do not install the TV where it may be exposed to mechanical vibration.
- Do not install the TV where insects may enter.
- Do not install the TV in a location where it may protrude, such as on or behind a pillar, or any place you might bump your head or receive bodily injury.
- To prevent fire keep flammable objects or open flame (e.g. candles) away from the TV.
- Do not place optional equipment on top of the TV.



Prevent the TV from toppling over

Take measures to prevent the TV from toppling over and causing injury or damage to the TV and property.

- Secure the TV to a wall and/or stand.
- Never install the TV on unstable and/or uneven surfaces.
- Do not allow children to climb on or play with furniture and TV sets.
- Do not install the TV on furniture that can easily be used as steps, such as a chest of drawers.
- Care should be taken to install the TV where it cannot be pushed, pulled over, or knocked down.
- Care should be taken to route all AC power cords and connecting cables so that they cannot be pulled or grabbed by curious children.



Medical institutions

Do not place this TV in a place where medical equipment is in use. It may cause a medical equipment malfunction.

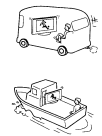


Outdoor use

Do not install this TV outdoors. The TV should not be exposed to rain or direct sunlight in order to avoid damage and possible fire or electric shock.

Do not install this TV in a vehicle, ship or other vessel

- Excessive bumping motion of a moving vehicle or continuous swaying motion on a boat may cause the TV to fall down and cause injury.
- Exposing the TV to seawater may cause a fire, electric shock or damage to your TV.













Magnetic influence

- This TV contains a strong magnet in the speaker unit that generates a magnetic field. Keep any items susceptible to magnetic fields away from the speaker.
- Electro-magnetic radiation emitted from optional equipment installed too close to the TV may cause picture distortion and/or noisy sound.

# Consignes de sécurité importantes





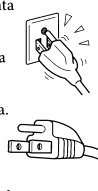
# Instrucciones importantes de seguridad






- Lisez les directives suivantes.
- Conservez ces directives.
- Observez et respectez tous les avertissements.
- Suivez toutes les directives.
- N'utilisez pas cet appareil près de l'eau. 
- Nettoyez cet appareil uniquement avec un chiffon sec. 
- Ne bouchez pas les fentes de ventilation. Respectez les directives du fabricant pour l'installation de l'appareil. 
- N'installez pas l'appareil à proximité d'une source de chaleur telle qu'un radiateur, une bouche d'air chaud, une cuisinière ou tout autre appareil (y compris des amplificateurs) émettant de la chaleur. 
- Ne désactivez pas le dispositif de sécurité appliqué à la fiche polarisée ou à la fiche avec mise à la terre. Une fiche polarisée est équipée de deux lames dont l'une est plus large que l'autre. Une fiche avec mise à la terre est équipée de deux lames et une broche destinée à la mise à la terre. La lame la plus large et la troisième broche sont des dispositifs de sécurité. Si vous ne réussissez pas à brancher la fiche fournie dans la prise de courant, consultez un électricien et faites remplacer la prise par une neuve. 

- Ne placez pas le cordon d'alimentation dans des endroits passants et assurez-vous qu'il ne peut pas être pincé, surtout au niveau des fiches, de la prise de courant et à l'endroit où il sort de l'appareil. 
- Utilisez uniquement les éléments de raccordement et les accessoires recommandés par le fabricant. 
- Utilisez l'appareil uniquement avec le chariot, le trépied, le support ou la table recommandés par le fabricant ou achetés avec l'appareil. Lorsque vous utilisez un chariot, prenez des précautions en déplaçant le chariot et l'appareil afin de ne pas les renverser, ce qui pourrait entraîner des blessures. 
- Débranchez cet appareil en cas d'orage ou lorsque vous ne l'utilisez pas pendant de longues périodes. 
- Pour toute réparation, adressez-vous à un réparateur qualifié. Faites réparer l'appareil s'il a été endommagé de quelque manière que ce soit, par exemple si le cordon d'alimentation ou sa fiche sont endommagés, si du liquide ou tout autre corps étranger a pénétré dans l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement ou s'il est tombé. 

*Veillez respecter les consignes de sécurité supplémentaires pour éviter les risques d'électrocution, de court-circuit, d'incendie, de blessure et de dommages à la propriété.*

**Reportez-vous au verso pour plus d'information.**

- Lea estas instrucciones.
- Guarde estas instrucciones.
- Respete todas las advertencias.
- Siga todas las instrucciones.
- No utilice este aparato cerca del agua. 
- Límpielo únicamente con un paño seco. 
- No bloquee los orificios de ventilación. Instale el aparato según las instrucciones del fabricante. 
- No lo instale cerca de fuentes de calor como radiadores, calefactores, hornos u otros aparatos (incluidos los amplificadores) que generen calor. 
- Respete la finalidad de seguridad del enchufe polarizado o de tipo conexión a tierra. Un enchufe polarizado presenta dos contactos, uno más ancho que el otro. Un enchufe de tipo conexión a tierra dispone de dos contactos y una tercera clavija de conexión a tierra. El contacto ancho o la tercera clavija se suministra para su seguridad. Si el enchufe suministrado no encaja en la toma de corriente, póngase en contacto con un electricista para el reemplazo del tomacorriente que quedó obsoleto. 


- Para proteger el cable de alimentación, aléjelo de lugares de paso o donde pueda ser aplastado, especialmente en la punta de los enchufes, los tomacorrientes o el punto donde el cable sale del aparato. 
- Utilice únicamente los complementos o accesorios especificados por el fabricante. 
- Utilícelo únicamente con el carro, pedestal, trípode, abrazadera o mesa especificados por el fabricante o vendidos con el aparato. Si utiliza un carro, tenga cuidado al moverlo junto con el aparato para evitar lesiones en el caso de una caída. 
- Desenchufe el aparato durante tormentas eléctricas o cuando no se utilice durante periodos de tiempo prolongados. 
- Solicite servicio técnico únicamente a personal de servicio técnico especializado. Será necesario solicitar servicio técnico si el aparato ha sufrido daños como, por ejemplo, si el cable de alimentación o el enchufe están dañados, se ha vertido líquido o se ha caído algún objeto dentro del aparato, o bien si dicho aparato ha sido expuesto a la lluvia o a humedad, no funciona correctamente o se ha caído. 

*Tenga en cuenta las advertencias de seguridad adicionales para evitar descargas eléctricas, cortocircuitos, incendios, lesiones corporales o daños materiales.*

**Consulte el reverso para obtener más información.**

## onal Safety DOs and DON'Ts


### Wall-mount use


- Wall-mount installation requires the use of a Wall-mount Bracket. When installing or removing the TV and the Wall-Mount Bracket, be sure to use qualified contractors. If not properly secured during installation or removal from the Wall-Mount Bracket, the TV may fall and cause serious injury.
- Be sure to follow the installation guide supplied with the Wall-Mount Bracket when installing the TV.
- Be sure to attach the brackets with the specified parts supplied with the Wall-Mount Bracket.
- Do not hang the TV from the ceiling. It may fall and cause serious injury.
- Do not hang anything on the TV.
- Do not allow children to climb on the TV. 


### AC POWER CORD

- Do not touch the AC power cord and its plug with wet hands as it may cause electric shock.
- When disconnecting the AC power cord, grasp the plug and disconnect from the wall outlet first. Do not pull by the cord.
- Keep the power cord away from heat sources.
- A TV set with a three-wire grounding type AC power cord plug must be connected to an AC power outlet with a protective earthing connection.
- Do not convert or damage the AC power cord.
- Consult your electrician to have the outlet changed to suit your TV.


Subjecting the AC power cord to wear and/or abuse can damage the AC power cord and your TV.

- Do not place the TV where the power cord can be easily pinched, bent, twisted, or catch your feet. 


- Do not allow anything to rest on or roll over the cord.
- Before connecting cables, be sure to unplug the AC power cord for your safety. 

- Do not move the TV with the AC power cord (or other cables such as audio and video) connected.
- Use only an original Sony AC power cord with your TV; no brand substitution is allowed.
- Do not use AC power cord supplied with the TV with any other equipment.
- Never use a damaged AC power cord. A damaged AC power cord can cause a short-circuit, which may result in a fire or electric shock. 

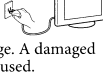
Do not use a damaged or poorly fitting AC power outlet as your TV's power source.

- Insert the plug fully into the outlet. If it is loose, it may cause arcing and result in a fire.
- Do not overload the same AC power outlet. 

Unplugging the AC power cord from the wall outlet will completely remove power from the TV.

- During lightning storms or when the TV is left unattended and unused for extended periods of time, the AC power cord should be unplugged from the wall outlet. This will avoid possible damage to your TV. Also unplug the antenna to prevent damage to the TV. 
- For energy conservation and safety reasons, practice unplugging the AC power cord from the AC power outlet.


### Clean the AC power plug

Unplug the AC power plug and clean it occasionally to avoid dust from accumulating. While cleaning, look for signs of damage. A damaged AC power cord should never be used. 

### ACCESSORIES

Keep small accessories out of children's reach. Use only the specified accessories with this TV.

### Volume Adjustment

- When using headphones, adjust the volume to avoid excessive audio levels from causing possible hearing loss. 

### BATTERIES

Your remote control batteries are consumables.

- To preserve our environment, dispose of used batteries according to your local laws or regulations.

- Do not dispose of batteries in a fire.
- Do not short-circuit, disassemble or overheat the batteries.
- Replace only with the same or equivalent type of batteries. Using incorrect replacement batteries can lead to an explosion.
- Do not place the remote in a location near a heat source, a place subject to direct sunlight, or a damp room.

### LCD SCREEN


Although the LCD screen is made with high-precision technology and has effective pixels of 99.99% or more, black dots or bright points of light (red, blue, or green) may appear constantly on the LCD screen. This is a structural property of the LCD panel and is not a malfunction.

- The LCD screen is made with high-precision technology and to achieve a high level of performance and picture quality, this TV's backlight setting is set to maximize the brightness of the TV. However, uneven brightness may be observed when the LCD TV is viewed in a dark ambient without an input source or with a blank screen. This condition is normal and not a malfunction of the TV. Changing the Picture mode, Backlight setting, enabling the Light Sensor (if applicable), or turning on the Power Management will improve this condition.

- To avoid damaging the LCD panel, do not expose the LCD screen to direct sunlight.
- Do not push or scratch the LCD screen, or place objects on top of the TV. The images may be uneven or the LCD panel may be damaged.
- If the TV is used in a cold place, the picture may smear or become dark. This does not indicate a failure. These phenomena improve as the temperature rises.
- Ghosting may occur when still pictures are displayed continuously. It should disappear after a few moments.
- The LCD screen and enclosure get warm when the TV is in use. This is not a malfunction.
- Avoid spraying insect repellent with volatile material on the LCD screen.


- Avoid prolonged contact with rubber or plastic material to the LCD screen.

### Broken screen panel

Do not throw anything at the TV as the impact can cause the LCD screen glass to crack, break or scatter. 


- If damage occurs to the LCD panel, small traces of liquid crystal sandwiched between the glass may be found on scattered broken glass.
- Do not touch the broken glass with bare hands. As with any broken glass pieces, avoid skin contact and exposure to your eyes or mouth. Avoid direct contact with liquid or damp surfaces of the glass as these may have an adverse effect on some people. The contacted area should be rinsed thoroughly with water. If conditions persist, see your doctor.
- If the surface of the TV cracks, do not touch the TV until you have unplugged the AC power cord. Otherwise electric shock may result.

### SERVICING

Do not use the TV if you suspect the TV is damaged or if the TV is damaged. 

- Do not attempt to service the TV yourself since opening the cabinet may expose you to dangerous voltage levels or other hazards. Refer all servicing to qualified service personnel.
- If replacement parts are required, acquire a written certification from the service technician which states that adequate replacement parts with the same or similar characteristics as the original parts have been used. Unauthorized substitutions may result in a fire, an electric shock or other hazards.

### Safety check

- Upon completion of any TV servicing or repair, ask the service technician to perform routine safety checks as specified by Sony and to certify that the TV is safe to operate. Have a qualified service technician dispose of the TV if it is not safe to operate. 

## AVERTISSEMENT

Afin de réduire les risques d'incendie et d'électrocution, n'exposez pas ce téléviseur à la pluie ou à l'humidité.

Le téléviseur ne doit jamais être exposé aux éclaboussures, au déversement ou à l'égouttement de liquides, quels qu'ils soient.

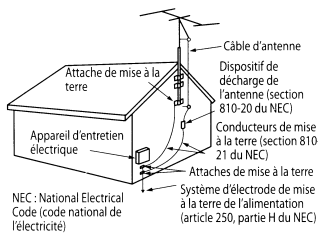


Ce sigle vise à signaler à l'utilisateur la présence d'une « tension dangereuse » non isolée au sein du téléviseur, dont la puissance peut être suffisante pour provoquer un risque d'électrocution.



Ce sigle vise à signaler à l'utilisateur la présence d'une documentation importante concernant les instructions de fonctionnement et d'entretien de ce téléviseur.

## Mise à la terre de l'antenne extérieure



## ADVERTENCIA

Para reducir el riesgo de incendio o descarga eléctrica, no exponga este televisor a la humedad ni la lluvia.

El televisor no debe estar nunca expuesto a goteos, salpicaduras o derrames de ningún tipo de líquido.

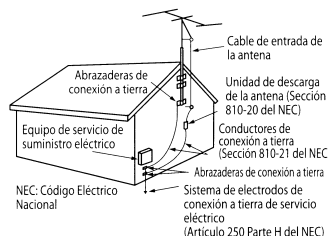


Este símbolo pone sobre aviso al usuario de la presencia de « voltaje peligroso » sin aislamiento en el interior del televisor, el cual puede ser de tal intensidad que podría presentar riesgo de descarga eléctrica.



Este símbolo tiene por objeto advertir al usuario que la documentación que acompaña a este televisor contiene instrucciones importantes de operación y mantenimiento (servicio).

## Conexión a tierra de una antena exterior



## HUMIDITÉ

- Ne placez pas d'objets contenant des liquides, tels qu'un vase ou une plante en pot, sur le téléviseur.
- N'utilisez pas un téléviseur alimenté par une source de courant électrique près de l'eau (baignoire, lavabo, évier de cuisine, cuve de lavage, piscine, sous-sol humide, etc.).



## NETTOYAGE

- Avant d'effectuer le nettoyage, veillez à débrancher le cordon d'alimentation pour éviter tout risque d'électrocution.
- Nettoyez le boîtier du téléviseur avec un chiffon sec et doux.
- Essayez délicatement l'écran ACL avec un chiffon doux.
- Enlevez les taches tenaces à l'aide d'un chiffon légèrement humidifié avec une solution de savon doux et d'eau tiède.
- Ne pulvérisez pas d'eau ou de détergent directement sur le téléviseur. Le liquide peut goutter jusqu'au bas de l'écran ou des pièces extérieures et provoquer un dysfonctionnement.
- Si vous utilisez un chiffon prétraité avec un produit chimique, suivez bien les directives indiquées sur l'emballage.
- N'utilisez jamais de solvants corrosifs tels qu'un diluant, de l'alcool ou du benzène pour nettoyer l'appareil.
- Il est recommandé de nettoyer périodiquement les ouvertures de ventilation avec un aspirateur afin de garantir une bonne ventilation.



## VENTILATION

- Les ouvertures de ventilation du téléviseur sont nécessaires pour assurer le bon fonctionnement du téléviseur et le protéger de la surchauffe.
- Ne bloquez pas et ne couvrez pas les ouvertures de ventilation avec du tissu ou d'autres matériaux.
- Ne placez jamais le téléviseur sur un lit, un canapé, un tapis ou toute autre surface similaire qui pourrait bloquer les ouvertures de ventilation.
- Sans une ventilation correcte, de la poussière peut s'accumuler dans le téléviseur et provoquer des dommages.
- Ne laissez jamais tomber de liquides ou d'objets dans les ouvertures de ventilation.



- Si un objet ou du liquide tombe à l'intérieur du téléviseur, débranchez-le immédiatement et faites-le vérifier par un technicien qualifié avant de le faire fonctionner de nouveau.
- N'introduisez jamais d'objet quel qu'il soit dans le téléviseur par les fentes du boîtier, car il pourrait toucher des points de haute tension ou court-circuiter des pièces et provoquer un incendie ou l'électrocution.

Laissez un espace suffisant autour du téléviseur pour assurer une circulation d'air adéquate.

- N'installez jamais le téléviseur dans un espace restreint, comme une bibliothèque ou un meuble encastré, à moins que la ventilation nécessaire ne soit prévue.
- Laissez un espace libre d'au moins 30 cm (11 7/8 po) au-dessus du téléviseur et de 10 cm (4 po) de chaque côté. Si vous installez l'appareil au mur, laissez un espace libre d'au moins 10 cm (4 po) en dessous de l'écran. (Reportez-vous au mode d'emploi pour des renseignements supplémentaires.)



## INSTALLATION

Installez le téléviseur près d'une prise de courant CA facilement accessible.

- N'installez pas le téléviseur avec l'écran vers le haut ou vers le bas, ni à l'envers ou sur le côté.
- N'installez pas le téléviseur dans des endroits chauds, humides ou excessivement poussiéreux.
- N'installez pas le téléviseur dans des endroits sujets à des extrêmes de température, par exemple à la lumière directe du soleil ou encore près d'un radiateur ou d'une bouche de chaleur. Dans de telles conditions, le téléviseur pourrait surchauffer, ce qui peut provoquer une déformation du boîtier et/ou des problèmes de fonctionnement.
- N'installez pas le téléviseur dans un endroit exposé directement à l'air climatisé; de l'humidité pourrait se condenser à l'intérieur du téléviseur et provoquer des problèmes de fonctionnement.
- N'installez pas le téléviseur dans un endroit où il peut être exposé à des vibrations mécaniques.
- N'installez pas le téléviseur dans un endroit où peuvent pénétrer les insectes.
- N'installez pas le téléviseur dans un endroit où il dépasserait, par exemple sur ou derrière une colonne, ou dans un endroit où vous pourriez le heurter de la tête et vous blesser.
- Pour éviter les risques d'incendie, tenez les objets inflammables et la flamme nue (p. ex. les bougies) à distance du téléviseur.
- Ne posez aucun appareil sur le téléviseur.



## Consigne:

### Prévenez le basculement du téléviseur

- Prenez les mesures nécessaires afin d'éviter que le téléviseur ne bascule, ce qui pourrait provoquer des blessures ou des dommages au téléviseur ou à d'autres objets.
- Fixez le téléviseur à un mur ou à un support.
- N'installez jamais le téléviseur sur une surface inégale et/ou instable.
- Ne laissez pas les enfants jouer avec le meuble ou le téléviseur et ne les laissez pas grimper dessus.
- N'installez pas le téléviseur sur un meuble qui peut facilement être escadé, par exemple une commode à tiroirs.
- Veillez à installer le téléviseur dans un endroit où il ne risque pas d'être poussé, tiré ou renversé.
- Veillez à acheminer tous les cordons d'alimentation CA et câbles de raccordement de manière à ce qu'ils soient hors de la portée des enfants, qui pourraient les manipuler ou les tirer par curiosité.



### Établissements médicaux

N'installez pas ce téléviseur dans un endroit où des appareils médicaux sont utilisés. Il pourrait entraîner des problèmes de fonctionnement des appareils médicaux.

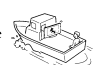


### Utilisation à l'extérieur

N'installez pas ce téléviseur à l'extérieur. N'exposez pas le téléviseur à la pluie ou à la lumière directe du soleil pour éviter de l'endommager et de provoquer des risques d'incendie ou d'électrocution.

### N'installez pas ce téléviseur dans un véhicule ou sur un bateau ou autre embarcation

- Les sursauts excessifs d'un véhicule en mouvement ou le mouvement de balancier répété d'un bateau peuvent faire tomber le téléviseur et entraîner des blessures.
- L'exposition du téléviseur à l'eau de mer peut poser un risque d'incendie ou causer des dommages au téléviseur.



### Champ magnétique

- Les haut-parleurs de ce téléviseur contiennent un aimant puissant générant un champ magnétique. Veillez à tenir tout objet sensible aux champs magnétiques à distance des haut-parleurs.
- L'installation d'appareils externes à trop grande proximité du téléviseur peut provoquer une distorsion de l'image ou des parasites sonores, en raison des radiations électromagnétiques.

## Prácticas de seguridad

### HUMEDAD

- No coloque objetos con líquidos, como floreros o macetas con plantas, sobre el televisor.
- No utilice un televisor que requiera alimentación eléctrica cerca del agua como, por ejemplo, cerca de bañeras, lavamanos, fregaderos o piletas de lavado, en un sótano húmedo ni cerca de una piscina.



### LIMPIEZA

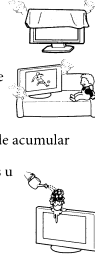
- Durante la limpieza, asegúrese de desenchufar el cable de alimentación para evitar la posibilidad de una descarga eléctrica.
- Limpie el mueble del televisor con un paño seco y suave.
- Limpie la pantalla LCD con cuidado con un paño suave.
- Las manchas difíciles pueden limpiarse con un paño ligeramente humedecido con una solución de jabón suave y agua tibia.
- No rocíe agua ni detergente directamente sobre el televisor. Podría gotear a la parte inferior de la pantalla o partes exteriores, y ocasionar un mal funcionamiento.
- Si utiliza un paño tratado químicamente, siga las instrucciones que se indican en el paquete.
- Nunca limpie el televisor con disolventes fuertes como diluyentes, alcohol o bencina.
- Se recomienda retirar el polvo con una aspiradora de las aberturas de ventilación de forma periódica para garantizar una buena ventilación.



### VENTILACIÓN

Las aberturas de ventilación del televisor son necesarias para asegurar una operación fiable del televisor y protegerlo contra el sobrecalentamiento.

- No bloquee o cubra las aberturas de ventilación con paños ni otros materiales.
- Nunca coloque el televisor sobre una cama, sofá, alfombra u otras superficies similares que puedan obstruir las aberturas de ventilación.
- Si el televisor no cuenta con una ventilación adecuada, puede acumular polvo y dañarse.
- No permita que caigan líquidos u objetos sólidos dentro de las aberturas de ventilación.



- Si caen líquidos u objetos sólidos dentro del televisor, desenchufe el televisor inmediatamente y haga que verifique su funcionamiento un técnico de reparación calificado antes de seguir operándolo.
- Nunca introduzca objetos de ningún tipo en las ranuras del mueble, ya que podrían entrar en contacto con puntos de voltaje peligrosos o causar cortocircuitos, lo cual podría ocasionar un incendio o una descarga eléctrica.

Deje suficiente espacio alrededor del televisor para garantizar una buena circulación del aire.

- Nunca coloque el televisor en un lugar cerrado, como en un librero o un mueble empotrado, a menos que haya ventilación adecuada.
- Se debe dejar como mínimo un espacio de 30 cm encima del televisor y 10 cm a cada lado. Si se monta en la pared, deje como mínimo un espacio de 10 cm debajo de la pantalla. (Consulte la información adicional que se suministra en el Manual de instrucciones.)



### INSTALACIÓN

- Se recomienda instalar el televisor cerca de un tomacorriente de ca de fácil acceso.
- No instale el televisor boca arriba, boca abajo, ni lo apoye sobre un lateral.
- No instale el televisor en lugares cálidos, grasientos, húmedos o expuestos a temperaturas excesivas de polvo.
- No instale el televisor en lugares sometidos a temperaturas extremas, como por ejemplo los expuestos a la luz solar directa, los cercanos a un radiador o a un conducto de calefacción. El televisor podría calentarse en tales condiciones y producir la deformación del interior del aparato y/o empezar a funcionar defectuosamente.
- No instale el televisor en un lugar expuesto de forma directa al aire acondicionado; se podría condensar la humedad en su interior y empezar a funcionar defectuosamente.
- No instale el televisor en lugares expuestos a vibraciones mecánicas.
- No instale el televisor en lugares que puedan atraer insectos.
- No instale el televisor en un lugar donde pudiera sobresalir, como encima o detrás de una columna, o donde pudiera golpearlo con la cabeza o producir lesiones corporales.
- Para evitar incendios, mantenga los objetos inflamables y llamas (por ejemplo, velas) alejados del televisor.
- No coloque ningún equipo opcional sobre el televisor.



### Medidas para evitar que se vuelque el televisor

- Tome las medidas adecuadas para evitar que el televisor se vuelque y provoque lesiones, que se dañe el televisor o que se produzcan daños materiales.
- Fije el televisor a la pared o a una base de soporte.
- No instale nunca el televisor sobre superficies inestables y/o desniveladas.
- No permita que los niños se suban a los muebles y al televisor o que jueguen con éstos.
- No instale el televisor sobre muebles que se puedan utilizar fácilmente como escaleras, como una cómoda.
- Procure instalar el televisor donde no se pueda empujar, hacer a un lado o derribar.
- Procure enrutar todos los cables de alimentación de ca y los cables de conexión de manera que no puedan tirar de ellos ni agarrarlos niños curiosos.



### Centros médicos

No coloque el televisor en un lugar donde se utilicen equipos médicos, puesto que podría interferir con el funcionamiento de equipo médico.



### Uso del televisor en un lugar exterior

No instale este televisor en un lugar al aire libre. No se debe exponer el televisor a la lluvia o a la luz solar directa para evitar daños y la posibilidad de un incendio o una descarga eléctrica.

### No instale este televisor en vehículos, barcos o buques

- El movimiento excesivo del vehículo o el balanceo continuo de un barco pueden provocar la caída del televisor y causar lesiones.
- Si lo expone al agua del mar, puede provocar un incendio, una descarga eléctrica o causar daños internos.



### Campos magnéticos

- En las bocinas de este televisor se encuentra un fuerte imán que genera un campo magnético. Mantenga alejado de las bocinas del televisor cualquier elemento susceptible de daños producidos por campos magnéticos.
- La radiación electromagnética emitida desde el equipo opcional instalado demasiado cerca del televisor puede distorsionar la imagen y/o producir ruido.

### Montaje en pared

- La instalación en una pared requiere un soporte de montaje en pared. Cuando instale o quite el televisor y el soporte de montaje en pared, asegúrese de hacerlo con contratistas calificados. Si no se fija adecuadamente durante la instalación o desinstalación del soporte de montaje en pared, el televisor podría caerse y causar lesiones graves.



# as de sécurité supplémentaires

## Installation au mur

- L'installation au mur nécessite l'utilisation d'un support de fixation murale. Pour l'installation ou le démontage du téléviseur et du support de fixation murale, faites appel à un entrepreneur qualifié. Si le téléviseur est mal fixé pendant l'installation ou le retrait du support de fixation murale, il peut tomber et causer des blessures graves.
- Suivez bien le guide d'installation fourni avec le support de fixation murale lors de l'installation du téléviseur.
- Veillez à fixer les supports avec les pièces indiquées fournies avec le support de fixation murale.
- Ne suspendez pas le téléviseur au plafond. Il pourrait tomber et provoquer des blessures graves.
- N'accrochez aucun objet au téléviseur.
- Ne laissez pas les enfants monter sur le téléviseur.



## CORDON D'ALIMENTATION CA

- Ne touchez pas le cordon d'alimentation CA ou la fiche avec des mains humides, ce qui pourrait provoquer l'électrocution.
  - Pour débrancher le cordon d'alimentation CA, saisissez d'abord la fiche et débranchez-la de la prise murale. Ne tirez pas sur le cordon lui-même.
  - Maintenez le cordon d'alimentation à l'abri des sources de chaleur.
- Un téléviseur doté d'un cordon d'alimentation CA avec une fiche à trois broches avec mise à la terre doit être branché dans une prise de courant CA comportant une protection de mise à la terre.
- Ne modifiez pas et n'endommagez pas le cordon d'alimentation CA.
  - Faites changer toute prise défectueuse par votre électricien afin de pouvoir y brancher votre téléviseur.



Fait de soumettre le cordon d'alimentation à une usure prématurée et/ou à un mauvais traitement peut entraîner des dommages au cordon d'alimentation CA et au téléviseur.

- N'installez pas le téléviseur à un endroit où le cordon d'alimentation peut être facilement pincé, plié ou tordu, ou faire trébucher quelqu'un.



- Ne laissez rien reposer ou rouler sur le cordon.
- Pour votre sécurité, débranchez le cordon d'alimentation CA avant de brancher les câbles.
- Ne déplacez pas le téléviseur lorsque le cordon d'alimentation CA est branché, ni lorsque d'autres câbles (audio ou vidéo, par exemple) sont raccordés.

- Utilisez uniquement un cordon d'alimentation CA Sony d'origine pour votre téléviseur; aucune autre marque ne convient.
- N'utilisez pas le cordon d'alimentation CA fourni avec le téléviseur sur un autre appareil.
- N'utilisez jamais un cordon d'alimentation CA endommagé. Un cordon d'alimentation CA endommagé peut provoquer un court-circuit, ce qui peut causer un incendie ou l'électrocution.



Ne branchez pas votre téléviseur dans une prise de courant endommagée ou dans laquelle la fiche ne s'insère pas bien.



- Insérez la fiche complètement dans la prise. Un branchement lâche peut entraîner un arc électrique et un incendie.
- Ne surchargez pas la prise de courant CA.



Pour interrompre complètement l'alimentation électrique du téléviseur, débranchez le cordon d'alimentation CA de la prise de courant.

- Pendant les orages et lorsque vous n'utilisez pas le téléviseur pendant une longue période, débranchez le cordon d'alimentation CA de la prise de courant. Cette mesure vise à éviter des dommages potentiels à votre téléviseur. Débranchez également l'antenne pour éviter les dommages au téléviseur.
- Pour des raisons de sécurité et pour économiser l'électricité, exercez-vous à débrancher le cordon d'alimentation CA de la prise de courant CA.



## Nettoyez la fiche du cordon d'alimentation CA

Débranchez la fiche du cordon d'alimentation CA et nettoyez-la de temps à autre pour éviter l'accumulation de poussière. Pendant le nettoyage, vérifiez que le cordon est en bon état. N'utilisez jamais un cordon d'alimentation CA endommagé.



## ACCESSOIRES

Gardez les petits accessoires hors de la portée des enfants. N'utilisez que les accessoires indiqués par le fabricant avec ce téléviseur.

## Réglage du volume

- Si vous utilisez des écouteurs, ne réglez pas le son à un volume excessif afin d'éviter d'endommager votre ouïe.



## PILES

- Les piles de la télécommande sont des produits consommables.
- Pour protéger l'environnement, mettez au rebut les piles usées conformément aux lois et règlements locaux.
- Ne jetez pas les piles au feu.
- Ne court-circuitez pas les piles, ne les démontez pas et ne les faites pas surchauffer.
- Remplacez-les uniquement par des piles identiques ou de type équivalent. L'utilisation de piles de recharge incorrectes peut provoquer une explosion.
- Ne placez pas la télécommande à proximité d'une source de chaleur, dans un endroit exposé aux rayons directs du soleil ou dans une pièce humide.

## ÉCRAN ACL

- Bien que l'écran ACL soit le fruit d'une technologie de haute précision et que 99,99% ou plus de ses pixels soient efficaces, des points noirs ou des points lumineux (rouges, bleus ou verts) peuvent apparaître en permanence à l'écran ACL. Ceci est une propriété structurelle du panneau ACL et ne constitue pas un problème de fonctionnement.
- L'écran ACL de ce téléviseur a été conçu à partir de technologies de haute précision, et afin d'obtenir le meilleur rendement et la meilleure qualité d'image possible, le rétroéclairage du téléviseur est réglé pour en maximiser la luminosité. Toutefois, il est possible que vous observiez des zones moins claires que d'autres lorsque vous regardez un téléviseur ACL dans une pièce sombre alors que rien n'est affiché à l'écran. Il s'agit d'un phénomène normal et non d'un défaut de l'appareil. Le réglage des fonctions Mode image et Rétroéclairage, ou encore l'activation du Capteur de lumière (si applicable) ou de la fonction de gestion de l'alimentation vous permettent de régler l'écran afin d'améliorer cet aspect.
- Afin d'éviter d'endommager le panneau ACL, n'exposez pas l'écran ACL à la lumière directe du soleil.
- N'appuyez pas sur l'écran ACL, ne l'égratignez pas et ne placez pas d'objets sur le téléviseur. Cela pourrait provoquer l'instabilité de l'image ou des dommages au panneau ACL.
- Si le téléviseur est utilisé dans un environnement froid, l'image peut apparaître sale ou sombre. Ceci n'est pas le signe d'un problème de fonctionnement. Ce phénomène disparaît au fur et à mesure que la température augmente.
- Une image fantôme peut apparaître lorsque des images fixes sont affichées en continu. Elle devrait disparaître après quelques instants.
- L'écran ACL et le boîtier deviennent chauds lorsque le téléviseur est en cours d'utilisation. Il ne s'agit pas d'un problème de fonctionnement.

- Évitez de vaporiser sur l'écran ACL tout répulsif insecticide contenant des produits volatils.
- Évitez le contact prolongé de l'écran ACL avec le caoutchouc et les matériaux plastiques.

## Écran endommagé

- Ne jetez rien en direction de l'écran, car l'impact pourrait provoquer la fissuration, le bris ou l'éclatement du verre de l'écran ACL.
- Si le panneau ACL venait à être endommagé, des traces de cristaux liquides peuvent se retrouver entre deux épaisseurs de verre, parmi les morceaux de verre brisé.
- Ne touchez pas le verre brisé à mains nues. Comme dans toute situation de bris de verre, évitez le contact avec la peau et tenez les morceaux de verre à l'écart des yeux et de la bouche. Évitez le contact direct avec le liquide répandu et les morceaux de verre humides, car ces produits peuvent avoir un effet néfaste pour certaines personnes. En cas de contact, rincez la zone affectée abondamment à l'eau courante. Si des symptômes apparaissent, consultez votre médecin.
- Si la surface du téléviseur se fissure, ne touchez pas le téléviseur avant d'avoir débranché le cordon d'alimentation CA. Sinon, vous pourriez vous électrocuter.



## RÉPARATION

- N'utilisez pas le téléviseur si vous constatez ou croyez qu'il est endommagé.
- Ne tentez pas de réparer le téléviseur vous-même, car l'ouverture du boîtier pourrait vous exposer à des zones de tension élevée et à d'autres dangers. Pour toute réparation, adressez-vous à un technicien qualifié.
- Si des pièces doivent être remplacées, demandez au technicien de certifier par écrit que les pièces de rechange adéquates ont été utilisées et que leurs caractéristiques sont similaires ou identiques à celles des pièces d'origine. Toute substitution non autorisée pourrait causer un incendie, l'électrocution ou d'autres dangers.



## Révision de sécurité

- Après toute réparation ou tout entretien du téléviseur, demandez au technicien d'effectuer une vérification de routine, telle que spécifiée par Sony, et de certifier que le téléviseur fonctionne en toute sécurité. Si le téléviseur ne peut pas être utilisé de façon sécuritaire, confiez sa mise au rebut à un technicien qualifié.



# idad correctas e incorrectas adicionales

- Asegúrese de seguir la guía de instalación suministrada con el soporte de montaje en pared cuando instale el televisor.
- Asegúrese de fijar las abrazaderas con las piezas especificadas suministradas con el soporte de montaje en pared.
- No cuelgue el televisor del techo. Podría caerse y causar lesiones graves.
- No cuelgue ningún objeto en el televisor.
- No permita que los niños se suban al televisor.



## CABLE DE ALIMENTACIÓN DE CA

- No toque el cable de alimentación de ca ni el enchufe con las manos mojadas, ya que puede provocar una descarga eléctrica.
  - Cuando vaya a desconectar el cable de alimentación de ca, jale del enchufe y desconéctelo del tomacorriente de pared primero. No jale del cable.
  - Mantenga el cable de alimentación alejado de fuentes de calor.
- Un televisor debe conectarse con un enchufe de cable de alimentación de ca de tres terminales y toma a tierra a un tomacorriente de ca con una conexión a tierra de protección.
- No modifique ni dañe el cable de alimentación de ca.
  - Póngase en contacto con su electricista para adaptar el tomacorriente a su televisor.



Si el cable de alimentación de ca queda expuesto a desgaste y/o maltrato, se puede dañar el cable de alimentación de ca y el televisor.

- No coloque el televisor donde el cable de alimentación se pueda apretar, doblar o torcer fácilmente, o donde pueda atrapar los pies de una persona.



- No permita que ningún objeto se encuentre o pase sobre el cable.
- Antes de conectar los cables, desenchufe el cable de alimentación de ca para su seguridad.
- No mueva el televisor con el cable de alimentación de ca, ni con otros cables de audio y video, conectados.
- No utilice cables de alimentación de ca que no sean originales de la marca Sony.
- No utilice el cable de alimentación de ca suministrado con el televisor con ningún otro aparato.

- Nunca utilice un cable de alimentación de ca dañado. Un cable de alimentación de ca dañado puede provocar un cortocircuito, lo que puede producir un incendio o una descarga eléctrica.



No utilice un tomacorriente de ca dañado o mal instalado como la fuente de alimentación del televisor.



- Inserte el enchufe en el tomacorriente hasta que quede bien metido. Si el enchufe no encaja completamente, pueden producirse chispas que acaben provocando un incendio.
- No sobrecargue el mismo tomacorriente de ca.



Si se desenchufa el cable de alimentación de ca del tomacorriente de pared se corta el suministro eléctrico al televisor.

- Durante tormentas eléctricas o cuando no se utilice el televisor durante periodos de tiempo prolongados, se debe desenchufar el cable de alimentación de ca del tomacorriente de pared. Esto evitará la posibilidad de que se dañe su televisor. Desenchufe también la antena para evitar que se dañe el televisor.
- Para conservar energía y por motivos de seguridad, acostúmbrase a desenchufar el cable de alimentación de ca del tomacorriente de ca.



## Limpieza del enchufe del cable de alimentación de ca

Desenchufe el cable de alimentación de ca y límpielo de vez en cuando para evitar que se acumule el polvo. Durante la limpieza, compruebe la existencia de signos de daños. Nunca se debe utilizar un cable de alimentación de ca dañado.



## ACCESORIOS

Mantenga los pequeños accesorios alejados del alcance de los niños. Utilice únicamente los accesorios especificados para este televisor.

## Ajuste de volumen

- Cuando utilice audífonos, ajuste el volumen de forma que se eviten niveles excesivos de audio para no dañar los oídos.



## PILAS

- Las pilas del control remoto son consumibles.
- Para conservar el medio ambiente, siga las leyes o regulaciones locales para desechar las pilas usadas.
- No se deshaga de las pilas arrojándolas al fuego.



- No provoque un cortocircuito, desmonte ni recalcite las pilas.
- Reemplácelas sólo con el mismo tipo o uno equivalente. La utilización de pilas de repuesto incorrectas puede producir una explosión.
- No ponga el mando a distancia en un lugar cerca una fuente de calor, un lugar expuesto a la luz solar directa, ni en una habitación húmeda.

## PANTALLA LCD (CRISTAL LÍQUIDO)

- La pantalla LCD está fabricada con tecnología de alta precisión y dispone de un mínimo de 99,99% de píxeles efectivos. En esta pantalla aparecen constantemente puntos negros o puntos luminosos en rojo, azul o verde. No se trata de una falla de funcionamiento, sino de una característica estructural del panel LCD.
- La pantalla de cristal líquido (LCD) está fabricada con tecnología de alta precisión y para alcanzar un alto nivel de rendimiento y de calidad de imagen, esta configuración de retroiluminación se ajusta para maximizar el brillo del televisor. Sin embargo, es posible que se observe un brillo desigual cuando el televisor de pantalla de cristal líquido se ve en un ambiente oscuro sin una fuente de entrada o una pantalla en blanco. Esta condición es normal y no se trata de una falla de funcionamiento del televisor. Al cambiar el modo de Imagen, la configuración de Retroiluminación, al habilitar el Detector de luz (si aplicable) o al activar el Control de energía mejorará esta condición.
- Para evitar dañar el panel LCD, no exponga la pantalla LCD a la luz solar directa.
- No presione ni raye la pantalla LCD, ni coloque objetos sobre el televisor. Es posible que las imágenes resulten irregulares o que se dañe el panel LCD.
- Si se utiliza el televisor en un lugar frío, es posible que la imagen se oscurezca o que aparezca una mancha en la pantalla. No se trata de una falla de funcionamiento. Estos fenómenos desaparecerán a medida que aumente la temperatura.
- Si se ven imágenes fijas continuamente, puede que se produzca un efecto de imagen fantasma. Esto debería desaparecer transcurridos unos segundos.
- Cuando se utiliza el televisor, la pantalla LCD y la caja se calientan. No se trata de una falla de funcionamiento.
- No use repelentes insecticidas en aerosol con material volátil sobre la pantalla LCD.
- Evite el contacto prolongado de la pantalla LCD con material de goma o plástico.

## Panel de pantalla rojo

No arroje ningún objeto contra el televisor pues el impacto puede hacer que el cristal de la pantalla LCD se rajе, se rompa o se dispersе.



- Si se daña el panel LCD, es posible que se encuentren pequeños rastros de cristal líquido metidos entre el cristal en los fragmentos de cristal esparcidos.
- No toque el cristal roto con las manos. Como con cualquier trozo de cristal roto, evite el contacto con la piel, los ojos o la boca. Evite el contacto directo del cristal con líquidos o superficies húmedas pues éstos pueden tener un efecto perjudicial sobre algunas personas. Enjuague la zona de contacto con agua abundante. Si los síntomas persisten, acuda a un médico.
- Si la superficie del televisor se rompe, desenchufe el cable de alimentación de ca antes de tocar el televisor. De lo contrario, podría producirse una descarga eléctrica.

## REPARACIÓN

- No utilice el televisor si sospecha que está dañado o si el televisor está dañado.
- No intente reparar usted mismo el televisor, ya que al abrirlo se vería expuesto a voltajes peligrosos y otros riesgos. Solicite servicio técnico únicamente a personal calificado.
- Cuando sean necesarias piezas de repuesto, solicite al técnico de reparación que certifique por escrito haber utilizado piezas de repuesto adecuadas con las mismas características que las originales o con características similares. La utilización de piezas no autorizadas podría causar incendios, descargas eléctricas u otros peligros.



## Comprobación de seguridad

- Después de haber finalizado cualquier servicio de mantenimiento o reparación del televisor, solicite al técnico de reparación que realice y certifique las comprobaciones de seguridad rutinarias según lo especificado por Sony para determinar si el televisor se encuentra en condiciones seguras de operación. Solicite a un técnico de reparación calificado que se deshaga del televisor si no se encuentra en condiciones seguras de operación.





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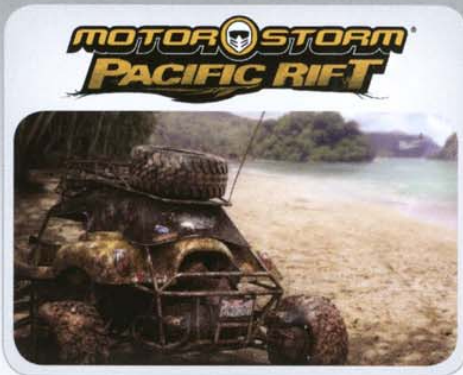
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Full game in advanced Stereoscopic 3D technology



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Once the Promotion Code has been entered correctly, click 'Continue.' Once you accept the terms, you will be taken to the download screen.

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For assistance, go to [www.us.playstation.com/support](http://www.us.playstation.com/support) or contact SCE Consumer Services at 1-800-345-7669.

\*Start date and terms subject to change without notice.

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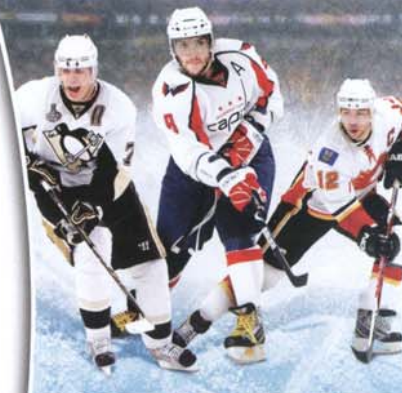
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#### **Package list:**

linux-kernel  
busybox  
pump-autoip  
libjs  
dosfstools  
directfb  
iptables  
cairo  
glib  
pango  
exceptionmonitor

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**Version 2, June 1991**

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This library's function is primarily to read and display MNG animations. It is not meant as a full-featured image-editing component! It does however offer creation and editing functionality at the chunk level. (future modifications may include some more support for creation and or editing)

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fontconfig/fontconfig/fontconfig.h

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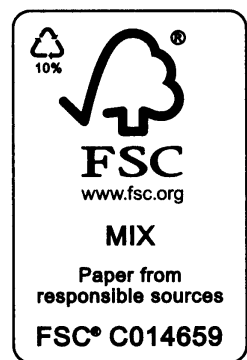
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LCD Television 12M

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