

BRAVIA Wireless Link

Reference Guide

The Reference Guide contains troubleshooting, specifications, and safety related information.

DMX-WL1

Owner's Record

The model, serial numbers and the date of manufacture are written on the rating labels. They are located at the bottom of the transmitter and the receiver. Record these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

	Transmitter	Receiver
Model No.	DMX-WL1T	DMX-WL1R
Serial No.	_____	_____

WARNING

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



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product'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 appliance.

The equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the equipment.

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

CAUTION

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

NOTIFICATION

This equipment has been tested and found to comply with the limits for a Class B digital equipment, 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.

For Customers in Canada

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

Trademark Information

"BRAVIA" and BRAVIA are trademarks of Sony Corporation.

PLAYSTATION is a registered trademark and "PS3" is a trademark of Sony Computer Entertainment Inc.

HDMI

This equipment incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision corporation, and is intended for home and other limited consumer uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

NOTE ON AC POWER ADAPTER (EADP-16ABA)

Warning

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



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

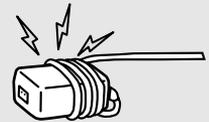


This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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

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

- Please ensure that the wall outlet is installed near the equipment and shall be easily accessible.
- Be sure to use the supplied AC power adapter and power cord.
- Do not use any other AC power adapter. It may cause a malfunction.
- Connect the AC power adapter to an easily accessible wall outlet.
- Do not coil the AC power cord around the AC power adapter. The core wire may be cut and/or it may cause a malfunction of the equipment.
- Do not touch the AC power adapter with wet hands.
- If you notice an abnormality in the AC power adapter, disconnect it from the wall outlet immediately.
- The set is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the set itself has been turned off.



Important Safety Instructions

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this equipment 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 equipment (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 equipment.
- 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 equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid injury from tip-over.



- 13) Unplug this equipment during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the equipment has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the equipment, the equipment has been exposed to rain or moisture, does not operate normally, or has been dropped.

USE

AC power cord and other cables

If you damage the AC power cord or other cables, it may result in a fire or an electric shock. If the AC power cord or any other cables is damaged, stop using it at once and contact the Sony service center.

- Do not place the equipment where the power cord and cables are subject to wear or abuse.
- Do not pinch, bend, or twist the cord excessively. The core lines may be bared and cut, and cause a short-circuit, resulting in a fire or an electric shock.
- Do not convert or damage the power cord and cables.
- Do not allow anything to rest on or roll over the power cord and cables.
- Do not pull the power cord and cables.
- Do not move the equipment with the power cord and cables plugged in.
- Keep the power cord and cables away from heat sources.
- Be sure to grasp the plug when disconnecting the power cord and cables.
- Do not place the equipment in an area where the cables may become entangled and catch on your feet or hands.

Wall outlet

Do not use a poor fitting outlet. Insert the plug fully into the outlet. If it is loose, it may cause arcing and result in a fire. Contact your electrician to have the outlet changed.



Cable wiring

For your safety, unplug the AC power cord when wiring cables. Take care not to catch your feet on the cables. It may damage the equipment.

Electric shock

Do not touch the AC power cord or the equipment with a wet hand. If you plug/unplug the AC power cord from the equipment with a wet hand, it may cause electric shock.



Lightning

For added protection for this equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the equipment due to lightning and power line surges.

Small accessories

Keep small accessories out of children's reach.

Use only the specified accessories with this product.

CLEANING

- Clean the AC power plug regularly.
- If the plug is covered with dust and it picks up moisture, its insulation may deteriorate and result in a fire.
- Unplug the AC power cord when cleaning this equipment. If not, it may result in electric shock.
- Clean the casing of the equipment with a dry soft cloth. Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water. Never use strong solvents such as thinner or benzine for cleaning.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Dust the ventilation holes with a dry cloth.



(continued)

VENTILATION

The holes on the side of the equipment are provided for necessary ventilation. To ensure reliable operation of the equipment, and to protect it from overheating, these ventilation holes must never be blocked or covered.

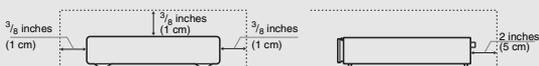
Unless proper ventilation is provided, the equipment may gather dust and get dirty. For proper ventilation, observe the following:

- Never block the ventilation holes by placing the equipment on a bed, sofa, rug or other similar surface.
- Never place the equipment in a confined space, such as a bookcase or built-in cabinet, unless proper ventilation is provided.

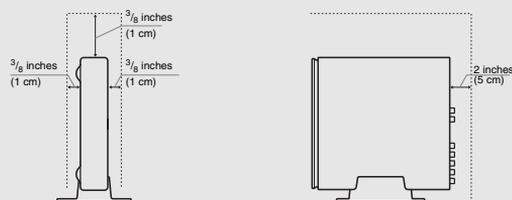
Leave some space around the equipment as shown below. Otherwise, air-circulation may be inadequate and cause overheating, which may cause a fire or damage to the equipment.

Transmitter

Horizontal

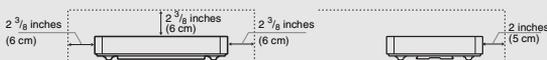


Vertical

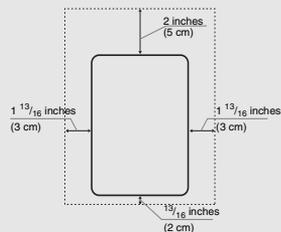


Receiver

Horizontal



Wall-mounting



Objects and ventilation holes

Never push objects of any kind into the equipment through the ventilation holes as they may touch dangerous voltage points or short out parts that could result in a fire or an electric shock. Never spill liquid of any kind on the equipment.

Do not place any objects on the equipment.

INSTALLATION

- The equipment should be installed near an easily accessible power outlet.
- Do not install the equipment in a hot or humid place, or in a place subject to excessive dust or greasy vapor.
- Avoid operating the equipment at temperatures below 41°F (5°C).
- When mounted to the back of the TV, do not use the receiver as a handle to pick up the TV set.
- Make sure that the cord and connected cables are placed so that tripping or stumbling may be avoided.

SERVICING

Damage requiring service

If the surface of the equipment cracks, do not touch the equipment until you unplug the AC power cord.

Otherwise electric shock may result.

Servicing

Do not attempt to service the equipment yourself since opening the cabinet may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Replacement parts

When replacement parts are required, be sure to have the service technician certify in writing that he/she has used replacement parts specified by the manufacturer that have the same characteristics as the original parts.

Unauthorized substitutions may result in a fire, an electric shock or other hazards.



Safety check

Upon completion of any service or repairs to the equipment, ask the service technician to perform routine safety checks (as specified by the manufacturer) to determine that the equipment is in safe operating condition, and to so certify. Should the equipment not be repairable, ask a qualified service technician to dispose of the equipment.

For Customers in Canada

To prevent radio interference to the licensed service, this equipment is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

For Customers in U.S.A.

FCC Part15E Cautions sentence

Only use this wireless equipment indoors.

Radio-Frequency Exposure Statement

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body (excluding extremities: hands, wrists and feet).

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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Startup Guide (separate volume)

The Startup guide explains how to connect, setup and use your wireless link.



Customer Support

<http://www.sony.com/tvsupport>

On-line Registration

United States

<http://productregistration.sony.com>

Canada

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

Overview

Welcome to the World of Wireless Link®

Thank you for purchasing this Sony BRAVIA® Wireless Link. This product provides the capability to transmit HD video and audio from your AV sources to your compatible BRAVIA HDTV wirelessly. You can use the supplied remote control to operate your TV as well as your connected equipment. The Wireless Link supports connection for up to four HDMI sources and 1 component source.

Optimal Environment for Placement of the Units

Follow the suggestions below to create an optimal environment for your new Sony BRAVIA Wireless Link. Proper placement of the receiver and transmitter units will ensure a strong Wireless LINK LEVEL for superior performance.

- Use one system per room, placing the transmitter and receiver units for each system in the same room.
- If you use a 5 GHz WLAN or cordless phone, place those in a different room.
- Do not place either unit on a metallic rack.
- Place the transmitter unit as high up as possible.
- Maximum operating distance is approximately 20 m or 65 feet, depending on the environment.
- Be sure to keep at least 1 foot (30 cm) minimum distance between the transmitter and receiver units.

Checking Accessories

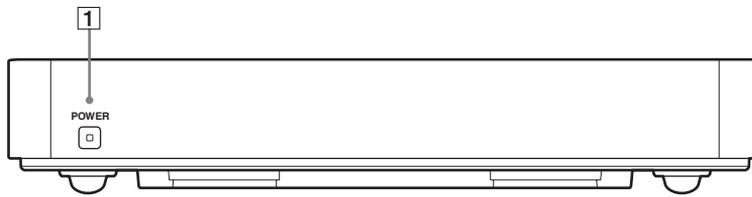
After unpacking, check that all the following items have been included:

- Receiver unit (1)
- Transmitter unit (1)
- AC power adapter (2)
- AC power cord (2)
- Remote control (1)
- Size AA battery (2)
- IR Blaster cable (Y-cable) (2)
- IR Blaster cable (1)
- Stand for the transmitter unit (1)
- Screw for stand (1)
- Wall-Mount bracket (1)
- TV Mounting bracket (1)
- Plastic Fastener for TV Mounting bracket (3)
- HDMI cable (1)
- Minijack cable for service (1)
- Warranty card (1)
- Reference Guide (this manual) (1)
- Startup Guide (1)

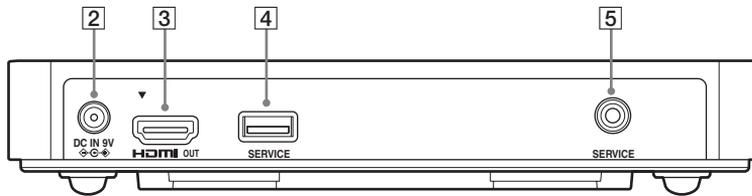
Overview of the Button, Parts and Indicators

Receiver Unit

Front side



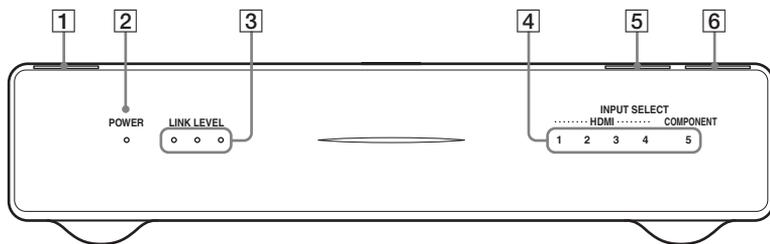
Rear side



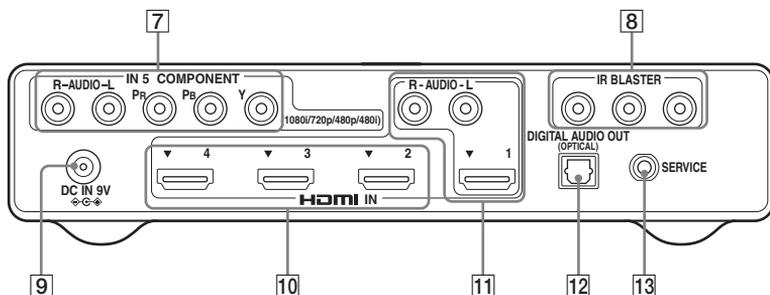
Item	Description
1 POWER / POWER LED	<p>Press to turn the receiver unit on and off, if Control for HDMI of the TV is Off. Lights up green when the receiver unit is turned on.</p> <p></p> <ul style="list-style-type: none"> • If POWER LED of the receiver unit does not light up, confirm Control for HDMI setting of the TV is On. • The power of the receiver unit turns on or off in conjunction with TV, if Control for HDMI setting of the TV is On and the unit is connected to the TV by HDMI cable. • When Control for HDMI is enabled on your TV, the power of the receiver unit will follow the power state of the TV. When the TV is turned on or off, the receiver unit will also turn on or off. To manually control the power of the receiver unit using the receiver's POWER button, you must turn off the TV's Control for HDMI. • If Control for HDMI of the TV is Off, you must turn the power of the receiver unit on or off by pressing the POWER button on the unit. • The supplied remote control cannot be used to turn on or off the receiver unit separately from the TV.
2 DC IN 9V	Connects to the supplied AC power adapter with AC cord.
3 HDMI OUT	<p>Connects to any HDMI input on the TV.</p> <p>HDMI (High-Definition Multimedia Interface) provides an uncompressed, all-digital audio/video interface between the receiver unit and the TV.</p> <p></p> <ul style="list-style-type: none"> • Be sure to use only an HDMI cable that bears the HDMI logo.
4/5 SERVICE	These jacks are for service only.

Transmitter Unit

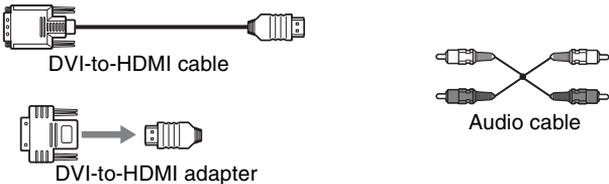
Front side



Rear side



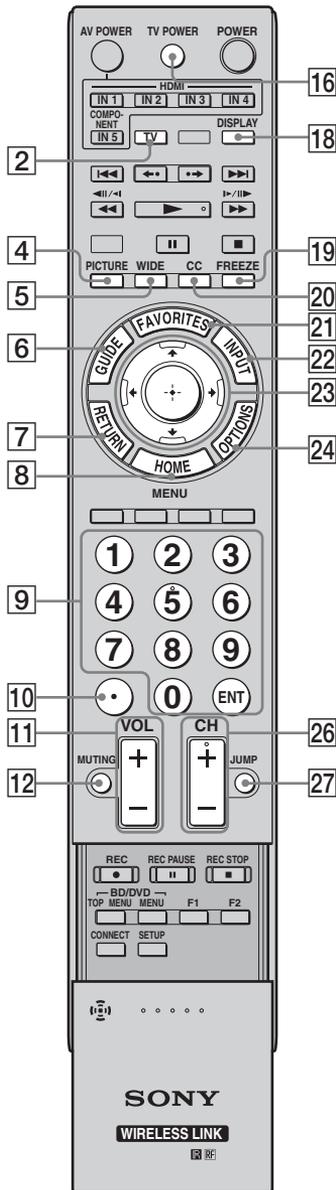
Item	Description
1 POWER	Press to turn the transmitter unit on and off.
2 POWER LED	Lights up in green when the transmitter unit is turned on.
3 LINK LEVEL LED	Lights up in green to indicate the quality of the wireless signal between the receiver unit and transmitter units.
4 INPUT SELECT LED	Lights up in green to indicate the input selected.
5 CONNECT	Press to switch wireless channels when LINK LEVEL LED is low.
6 INPUT SELECT	Press to select an input.
7 IN 5 COMPONENT R-AUDIO-L/ (1080i/720p/480p/480i)	Connects to your equipment's component video (YPbPr) and audio (L/R) jacks.  <ul style="list-style-type: none"> Component video (YPbPr) supports 480i, 480p, 720p and 1080i formats.
8 IR BLASTER	Connects the supplied IR Blaster cables to any of the 3 IR BLASTER jacks.
9 DC IN 9V	Connects to the supplied AC power adapter with AC cord.

Item	Description
10 IN 2/3/4 HDMI	Connects to HDMI equipment, such as a set-top box, DVD player, Blu-ray Disc Player or AV receiver.
11 IN 1 HDMI R-AUDIO-L	<p>If the equipment has a DVI jack and not an HDMI jack, connect the DVI jack to the IN 1 HDMI (with DVI-to-HDMI cable or adapter (not supplied)) jack, and connect the audio jack to the AUDIO IN (L/R) jacks of IN 1 HDMI.</p> <p>When using an HDMI signal without audio, be sure to also connect the audio cable.</p> <div data-bbox="521 354 1130 538" style="text-align: center;">  <p>The diagrams illustrate three types of cables used for connection: a DVI-to-HDMI cable with a DVI connector on one end and an HDMI connector on the other; a DVI-to-HDMI adapter, which is a small rectangular device with a DVI port on one side and an HDMI port on the other; and an audio cable with two RCA connectors on one end and two 3.5mm audio jacks on the other.</p> </div> <ul style="list-style-type: none"> • These units support 480i, 480p, 720p and 1080i formats. The 1080p format is not supported. • Be sure to use only an HDMI cable that bears the HDMI logo. • Using a PC with this product is not supported.
12 DIGITAL AUDIO OUT (OPTICAL)	Connects to the optical audio input of your digital audio equipment that is PCM/Dolby Digital compatible. This unit supports Linear PCM and compressed audio format, such as Dolby Digital Audio, DTS audio, with a maximum bitrate of 3 Mbps or less. If the connected equipment and TV support compressed audio formats, the transmitter unit will output compressed audio.
13 SERVICE	This jack is for service only.

Overview of the Remote Control

TV Button Descriptions

Operate your TV using the following buttons.



Button	Description
2 TV function button	The function button indicator lights up momentarily when pressed. You must first press the TV function button to operate the TV.
4 PICTURE	Press to change the picture mode.
5 WIDE	Press to change the wide mode.
6 GUIDE	Press to open the TV Guide On screen system when available on your TV.
7 RETURN	Press to go back to the previous screen or exit from the screen when displaying menu items and settings.
8 HOME	Press to display the TV Home menu.
9 0-9, ENT	Press 0-9 to select a channel; the channel changes after two seconds. Press ENT to change channels immediately.
10	Use with 0-9 and ENT to select digital channels. For example, to enter 2.1, press 2 , . , 1 , and ENT .
11 VOL +/-	Press to adjust the volume.
12 MUTING	Press to mute the sound. Press again or press VOL + to restore the sound.
16 TV POWER	Press to turn the TV on and off.
18 DISPLAY	Press to display the current input information.
19 FREEZE	Press once to display a frozen image with the current program in a window. Press again to return to the current program.
20 CC	Press to turn closed captions on and off.
21 FAVORITES	The favorite channel list appears depending on the TV.
22 INPUT	Press to select the input of the TV.
23	Press to move the on-screen cursor. Press to select/confirm an item.
24 OPTIONS	Press to display options menus.
26 CH +/-	Press to scan through channels. To scan quickly through channels, press and hold down either +/- .
27 JUMP	Press to jump between two channels.



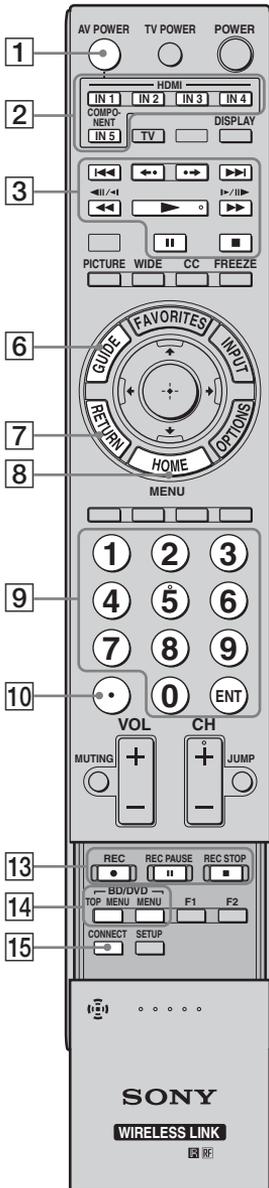
- Point the remote control directly at the IR sensor on your TV.
 - Some of the buttons illustrated here may be different or may not be available on your Sony TV remote control.
- If the button is not on the supplied remote control, then use the remote control supplied with your TV.



- The **5** button, and **CH +** have a tactile dot. Use them as a reference when operating these units.

Transmitter and External Equipment Button Descriptions

When using the remote control to operate the transmitter unit and connected external equipment, the following button operations are available.

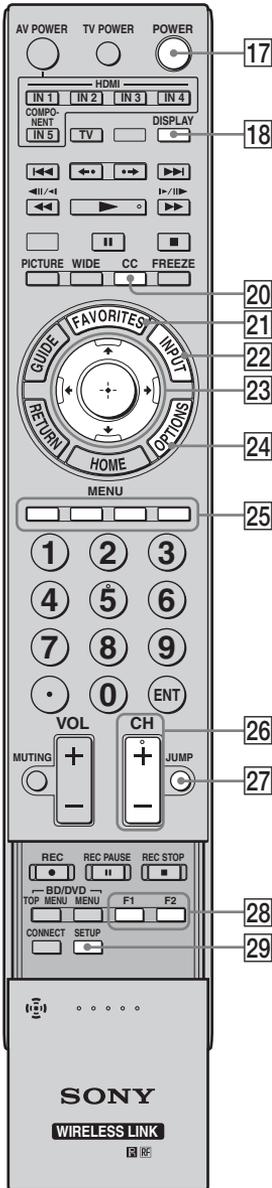


Button	Description
1 AV POWER	Press to turn the external equipment on and off after selecting an input using the input select buttons 2 .
2 IN 1/2/3/4 HDMI, IN 5 COMPONENT input select buttons	Press one of the input select buttons to select and control equipment connected to the corresponding input. The input select button indicator lights up momentarily when pressed to show which external equipment the remote control is operating. See the Startup Guide for programming the remote control.
3 IN 1/2/3/4 HDMI, IN 5 COMPONENT operating buttons	<ul style="list-style-type: none"> ◀◀/▶▶: Goes to the beginning of the previous/next title/chapter/scene/track. ◀◦/◦▶: Replays the scene/briefly fast forwards the scene. ◀◀/▶▶: Fast reverses/fast forwards the disc when pressed during playback. ▶: Plays a disc at normal speed. ⏸: Pauses the playback. ■: Stops the playback.
6 GUIDE	Press to display the Digital Electronic Program Guide (EPG) when the satellite receiver or cable box is selected.
7 RETURN	Press to go back to the previous screen or exit from the screen when displaying menu items and settings.
8 HOME (MENU)	Press to display menus of selected external equipment.
9 0-9, ENT	For a set-top box, press 0-9 to select a channel. Press ENT to change channels immediately. For Blu-ray Disc or DVD, etc., press 0-9 as number key entry. Press ENT to confirm.
10	For a set-top box, use with 0-9 and ENT to select digital channels. For example, to enter 2.1, press 2 , . , 1 , and ENT . For Blu-ray Disc or DVD, etc., use with 0-9 .
13 DVR/VCR record buttons	<p>REC ●: Press to record. Pressing this button alone starts the recording process.</p> <p>REC PAUSE ⏸: Press to pause the recording.</p> <p>REC STOP ■: Press to stop the recording.</p>
14 BD/DVD TOP MENU/BD/DVD MENU	Press to display the top menu of the BD/DVD disc. Press to display the BD/DVD disc menu.
15 CONNECT	Press to switch to another wireless channel if the LINK LEVEL is low or the picture is noisy or the sound quality is diminished.



- You must setup the **IR Blaster** before you can use external equipment (see page 13).
- Button functionality may differ depending on your equipment. If some functions do not work, then use the remote control supplied with your equipment.

(continued)



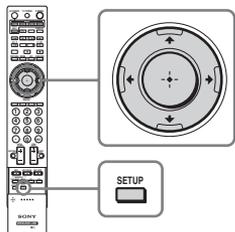
Button	Description
17 POWER	Press to turn the transmitter unit on and off.  • The receiver unit does not turn on or off by pressing POWER .
18 DISPLAY	Press to display the current input information of selected external equipment.
20 CC	Press to turn closed captions of selected external equipment on and off.
21 FAVORITES	The favorite channel list will appear if supported by the external equipment.
22 INPUT	Press to select the input of the external equipment.
23 	Press  to move the on-screen cursor of selected external equipment. Press  to select/confirm an item.
24 OPTIONS	Press to display the options menu of selected external equipment. The listed options vary depending on the input source.
25 Color buttons	When the color buttons are available, an operation guide appears on the screen. Follow the operation guide to perform a selected operation.
26 CH +/-	Press to scan through channels of selected external equipment.
27 JUMP	Press to jump between two channels of selected external equipment.
28 F1/F2	Press to select the function of the selected external equipment.
29 SETUP	Press to display the Setup menu for this product (see page 13).



- Button functionality may differ depending on your equipment. If some functions do not work, then use the remote control supplied with your equipment.

Using the Setup Menu

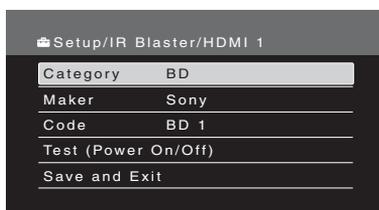
Use the **Setup** menu to change the **Language** or **IR Blaster** settings.



- 1 Press **SETUP** to display the **Setup** menu.
- 2 Press **↑/↓/←/→** to highlight an item, and press **⊕** to confirm.
- 3 Press **SETUP** to exit.

Setup Description

IR Blaster



Set up the **IR Blaster** to control external equipment connected to the transmitter unit with the supplied remote control. For details, see the supplied Startup Guide.

Category	Select the category from Cable Box , Satellite , VCR , DVD , BD or Receiver .
Maker	Select the manufacturer of your equipment from the list. Select Enter code... to enter codes for equipment not listed (for code list, see page 15).
Code	Select the code from the list (see page 15).  <ul style="list-style-type: none">• For Sony products, most of the codes appear as text.
Test (Power On/Off)	Check that the code is correct by powering on or off the equipment attached to the selected input.  <ul style="list-style-type: none">• If the equipment's supplied remote control has both a POWER ON and a POWER OFF button, the Test Power (On/Off) function might not work to test the IR code. Select Save and Exit, then test if any other remote buttons will operate your equipment.
Save and Exit	Save the setting and exit the Setup menu.



Language



Language

Select a language from **English**, **Español** and **Français**.

IR Code List

Cable Box

Manufacturer	Code
Sony	Cable 1(2177), Cable DVR(2181)
ABC	0003, 0237, 0008, 0033
ADB	2586
Amino	1822
Digeo	1187
General Instrument	0476, 0810, 0003
GoldStar	0144
Hamlin	0273
Jerrold	0476, 0810, 0003
Motorola	1376, 0476, 0810, 1187
Myrio	1822
Oak	0019
Pace	0237, 1877, 0877, 0008, 1060, 1068, 1577
Panasonic	0000, 0008, 0144, 0107, 1488
Pioneer	1877, 0877, 0144, 0533, 1500, 1782
Regal	0273
Samsung	0144, 0003, 0000, 1060, 1666, 2015
Scientific Atlanta	1877, 0877, 0477, 0237, 0003, 0000, 0008, 1510
Starcom	0003
Toshiba	0000, 1509
Zenith	0000, 0008, 0525

Satellite

Manufacturer	Code
Sony	Satellite 1(1639), 0853
Bell ExpressVu	0775, 1170
DirecTV	1377, 0566, 1639, 1142, 0247, 0749, 1749, 0819, 1856, 1076, 1108, 1109, 1392, 1414, 1442, 1609
Dish Network System	0775, 1505, 1005, 1170, 1775
EchoStar	0775, 1505, 1005, 0853, 1170, 1323, 1409, 1775
GE	0566
Hitachi	0819, 0749, 1250, 1284, 1518
Hughes Network Systems	1142, 0749, 1749, 1442
JVC	0775, 1170, 1775, 1793, 1797
LG	1226, 1414
Magnavox	0722
Mitsubishi	0749

Manufacturer	Code
Motorola	0856
Panasonic	0247, 0701, 1304, 1404
Philips	1142, 0775, 0749, 1749, 0819, 0856, 1076, 0722, 0853, 0200, 0887, 1114, 0173, 1442, 1672, 1743, 0133
RCA	0566, 0775, 1142, 0855, 0143, 1291, 1392, 1442
Samsung	1377, 1142, 1276, 1108, 1109, 0853, 1206, 1442, 1609
Tivo	1142, 1442
Toshiba	0749, 1749, 0790, 1284, 1285, 1501, 1516, 1530
Uniden	0722
Zenith	1856, 0856

VCR

Manufacturer	Code
Sony	VCR 3(2184), VCR 1(1232), VCR 2(1546), DVR 1(2181), DVR 2(2182), DVR 3(2183), 0035, 0048, 0047, 0000, 0067, 0046, 0226, 1972
Emerson	0037, 0035, 0184, 0039, 0240, 0045, 0000, 0121, 0043, 0209, 0072, 0002, 0278, 0348, 0479, 0593, 1593
Go Video	0240, 0432, 0526, 0614, 1137
Goldstar	0037, 0035, 0039, 0000, 0209, 0278, 0038, 0225, 0226, 1137
Hitachi	0000, 0035, 0037, 0081, 0240, 0045, 0042, 0041, 0046, 0089, 0593, 1037, 2613
JVC	0067, 0184, 0081, 0045, 0041, 1162
Magnavox	0035, 0037, 0048, 0039, 0081, 0240, 0000, 0149, 0226, 0563, 0593, 0618, 0642, 1593
Memorex	0035, 0162, 0037, 0048, 0039, 0047, 0240, 0000, 0104, 0209, 0072, 0278, 0046, 0307, 0348, 0479, 1037, 1048, 1162, 1262

Manufacturer	Code
Mitsubishi	0067, 0060, 0048, 0047, 0081, 0000, 0042, 0043, 0041, 0075, 0173, 0214, 0443, 0642, 1631
NEC	0104, 0035, 0037, 0048, 0067, 0041, 0278, 0038, 0040, 0050, 1137
Panasonic	1062, 0035, 0162, 0000, 0225, 0226, 0614, 0616, 0837, 1162, 1262, 1562
Philips	0035, 0162, 0048, 0081, 0045, 0000, 0209, 0226, 0563, 0593, 0616, 0618, 0739, 1081, 1181
RCA	0060, 0035, 0048, 0240, 0045, 0000, 0042, 0149, 0226, 0880, 2613
ReplayTV	0614, 0616
Sanyo	0047, 0048, 0240, 0000, 0104, 0067, 0046, 0159, 0348, 0479, 1137
Sharp	0048, 0037, 0047, 0000, 0209, 0848, 1048
Sylvania	0035, 0081, 0000, 0043, 0593, 1593
Symphonic	0000, 0240, 0002, 0593, 1593
Tivo	0739, 0618
Toshiba	0045, 0081, 0240, 0000, 0042, 0067, 0043, 0209, 0041, 0432, 0742, 1008, 1972, 1988
Zenith	0039, 0037, 0000, 0209, 0041, 0278, 0479, 1137, 1139

DVD

Manufacturer	Code
Sony	DVD 1(1033), DVD/VCR(0864), DVD 3(1070), DVD 2(1069), 0573, 0630
CyberHome	0714, 0816, 1023, 1024, 1129, 1502
Denon	1634, 0490, 0634
Harman/Kardon	0702
Hitachi	0573, 0664, 0695, 0713, 1247, 1664, 1748

(continued)

Manufacturer	Code
Insignia	1268
JVC	0623, 0503, 0539, 0558, 0867, 1164, 1275, 1550, 1590, 1591, 1592, 1594, 1597, 1602
Kenwood	0534, 0490
LG	0741, 0591, 0869, 1600, 2135
LiteOn	1058, 1416
Microsoft	2083, 0522
Mitsubishi	1521, 0521, 0713, 1629
Onkyo	0627, 0503, 0792, 1769
Panasonic	0490, 0503, 0571, 0703, 1632, 1641, 1762
Philips	0539, 0503, 2056, 0646, 0675, 1260, 1267, 1340, 1354, 1506, 2084, 2093
Pioneer	0571, 0490, 0525, 0142, 0631
RCA	0522, 0571, 0822, 1769
Samsung	0573, 0490, 0744, 0199, 0820, 1044, 1075, 1470, 1599, 1635, 1748, 2069
Sharp	0630, 0675, 0713, 0752, 1256, 1556, 1642, 2250
Sylvania	0675, 0630, 0821, 1268
Toshiba	0503, 0573, 0539, 0695, 1154, 1503, 1510, 1588, 1595, 1608, 1639, 1769, 1854

BD

Manufacturer	Code
Sony	BD 1(1516), BD 2(2178), BD 3(2180)
LG	0741
Panasonic	1641
Philips	2084
Pioneer	0142
Samsung	0199
Sharp	2250

Receiver

Manufacturer	Code
Sony	DVD AV System 1(1622), AV Receiver(2172), DVD AV System 4(1858), DVD AV System 3(1658), DVD AV System 2(1558)
Aiwa	0121, 1189, 1269, 1089, 1641
Bose	1229, 0639, 1933
Denon	1360, 0121, 1104, 1142, 1306, 2857
Harman/Kardon	0110, 1189, 1289, 1304, 1306, 1310
Hitachi	1801
Insignia	1077
JVC	0074, 0531, 1374, 1495
Kenwood	1313, 1569, 0186
LG	1293
Marantz	1189, 1269, 0128, 0744, 1089, 1289
McIntosh	1289
Onkyo	1320, 1298, 1805
Panasonic	1308, 1518, 0367, 1288, 1309, 1316, 1548, 1633, 1763, 1764, 1779
Philips	1189, 1269, 0391, 1089, 1266, 1289, 1673
Pioneer	1023, 0150, 0186, 0244, 0531, 0630, 1384, 1459, 1935, 1986
RCA	1609, 1023, 0531, 1154, 1390, 1459, 1511
Samsung	1295, 1304, 1500
Sharp	0186, 0653, 1634
Sherwood	1077, 0491, 0502, 0653, 1423, 1653
Yamaha	0176, 1023, 0186, 1276, 1331, 1376

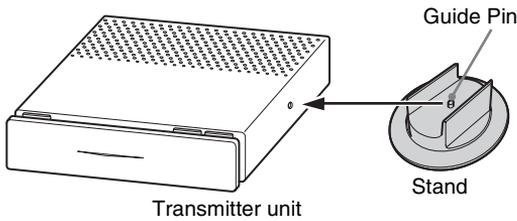
If the code for your equipment is not listed, please visit <http://www.sonystyle.com/dmxw11> for a complete list of supported codes.

Other Information

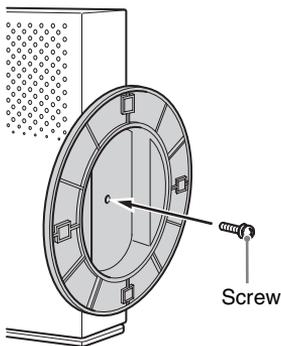
Attaching the Transmitter Unit Stand

The transmitter unit can also be used vertically with the supplied stand.

- 1 Match the Guide Pin on the center of the stand and the screw hole on the right side of the transmitter unit.



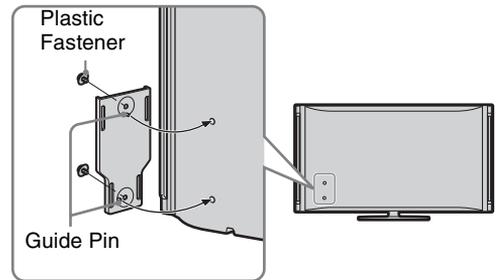
- 2 Secure the screw.



Attaching the Receiver Unit

Attaching the Receiver Unit to the Rear of the TV

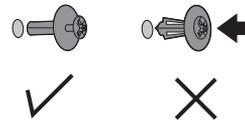
- 1 Attach the supplied TV Mounting bracket to the bottom left side of the TV rear panel.



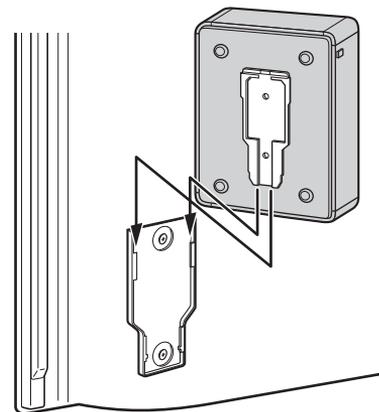
Insert the two Plastic Fasteners (supplied) into the holes to hold the TV Mounting bracket in place. Push the head of the Plastic Fastener with your finger until it clicks.



- Do not push the head of the Plastic Fastener until you have inserted the fastener into the hole on the TV.

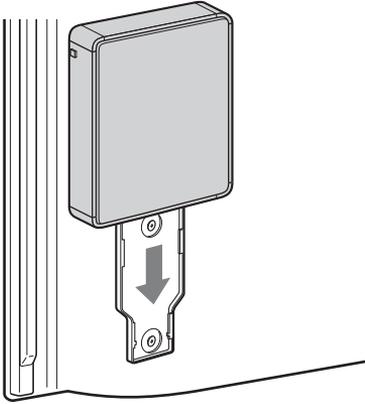


- 2 Align the slider on the bottom of the receiver unit with the groove of the TV Mounting bracket.



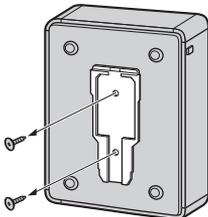
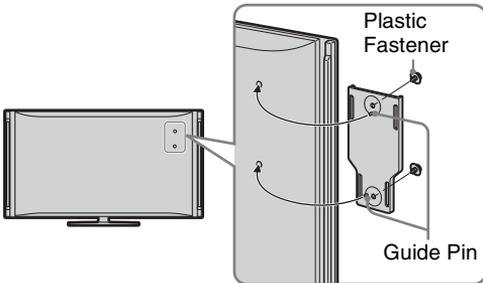
- To remove the bracket from the TV, use a Phillips screw driver (not supplied) to loosen the Plastic Fasteners. *(continued)*

3 Slide the receiver unit onto the bracket.

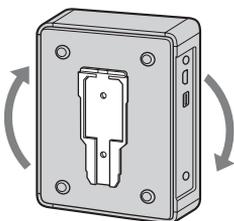


If the Wireless LINK LEVEL is low, the receiver unit can also be attached on the top right side of the rear TV panel which may provide better reception. In this case, attach the receiver unit by rotating 180 degrees.

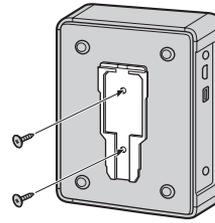
Remove the receiver unit from the TV Mounting bracket on the rear TV panel, remove the TV Mounting bracket/Plastic Fasteners using a Phillips Screwdriver, remove the screws holding the adapter and rotate 180 degrees, then secure the screws again, attach the TV Mounting bracket and the receiver unit.



Remove the screws



Rotate 180 degrees



Secure the screws



- If no Guide Pins or screw holes are found on the rear TV panel, it is not designed to mount the receiver unit to the TV.

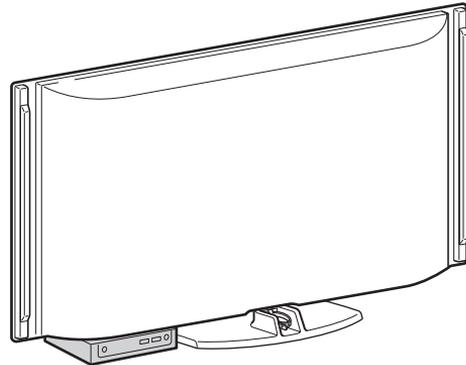
In case of small TV, the Wall-Mount bracket of the TV might interfere with the receiver unit.

If this is the case, place the receiver unit horizontally on a table or stand.

Place the Receiver Unit Stand-alone Near the TV

If the Wireless LINK LEVEL is still low, place the receiver unit horizontally near the TV.

Find a location where all LINK LEVEL LEDs are lit.



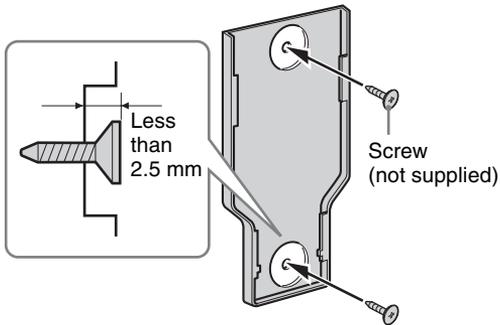
- Be sure to remove the receiver unit from the back of the TV before moving the TV.

Installing the Receiver Unit on the Wall

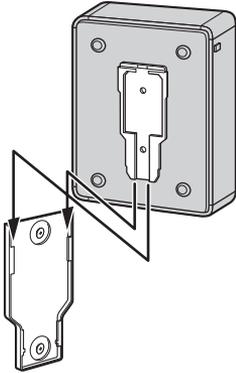
The receiver unit can be installed on a wall with the supplied Wall-Mount bracket. Be sure to use qualified contractors for installation.

For installation, use appropriate screws for the wall.

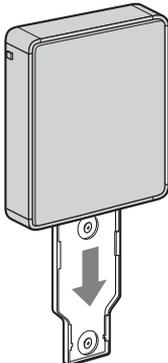
- 1 Install the supplied Wall-Mount bracket on the wall.



- 2 Align the slider on the bottom of the receiver unit with the groove of the Wall-Mount bracket.



- 3 Slide the receiver unit onto the bracket.



Specifications

Receiver unit (DMX-WL1R)

Input/Output jacks	
HDMI OUT	HDMI: Video: 480i, 480p, 720p, 1080i / Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24bits, IEC61937 compressed audio format with a maximum bitrate of 3 Mbps or less.
SERVICE	For service use only.
DC IN	DC (9 V)
Power and others	
Power requirement	120 V AC, 60 Hz
Power consumption	
in use	10 W
in standby	less than 1.5 W
Dimensions (W × H × D) (mm) (inches)	190 × 34 × 139 7 1/2 × 1 3/8 × 5 1/2
Mass	0.45 kg 1.0 lb.

Transmitter unit (DMX-WL1T)

Input/Output jacks	
IN 5 COMPONENT	YPBPR (Component Video): Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative / PB: 0.7 Vp-p, 75 ohms / PR: 0.7 Vp-p, 75 ohms / Signal format: 480i, 480p, 720p, 1080i AUDIO: 500 mVrms / Impedance: 47 kilohms
IN 1/2/3/4 HDMI	HDMI: Video: 480i, 480p, 720p, 1080i / Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24bits, IEC61937 compressed audio format with a maximum bitrate of 3 Mbps or less. AUDIO (IN 1 HDMI only): 500 mVrms / Impedance: 47 kilohms
DIGITAL AUDIO OUT (OPTICAL)	Optical Digital Audio Output (PCM or IEC61937 compressed audio format with a maximum bitrate of 3 Mbps or less)
IR BLASTER	3.5 mm Mini jack
SERVICE	For service use only.
DC IN	DC (9 V)
Power and others	
Power requirement	120 V AC, 60 Hz
Power consumption	
in use	10 W
in standby	less than 1.5 W
Dimensions (W × H × D)	
with stand (mm) (inches)	118 × 229 × 226 4 3/4 × 9 1/8 × 9
without stand (mm) (inches)	210 × 50 × 226 8 3/8 × 2 × 9
Mass	
with stand	0.87 kg 1.9 lb.
without stand	0.82 kg 1.8 lb.
Frequency range	5 GHz band
Modulation	OFDM
Maximum transmission distance	Approximately 65 feet (20 m), depending on the home environment.
Minimum transmission distance	1 foot (30 cm)
Remote control	2.4 GHz band
Supplied accessories	See page 6.



• Design and specifications are subject to change without notice.

Troubleshooting

If you have questions, service needs, or require technical assistance related to the use of your Sony BRAVIA Wireless Link, please visit our website or call one of the following numbers:

<http://www.sony.com/tvsupport>
 1-866-918-2485 for US Support
 1-877-899-SONY(7669) for Canadian Support

Condition	Explanation/Solution
The POWER LED of the receiver unit does not light up	<ul style="list-style-type: none"> • Make sure the AC power cord and the AC power adapter are connected securely. • Turn the TV power on. • Set Control for HDMI of the TV to On. • If the Control for HDMI setting on the TV is Off, you must turn on or off the receiver unit by pressing the POWER button of the unit.
The receiver unit displays nothing on the TV	<ul style="list-style-type: none"> • Check the connection of HDMI cable between the receiver unit and the TV. • Check the HDMI input selection of the TV.
The receiver unit displays a message on the TV “Unable to communicate with transmitter.”	<ul style="list-style-type: none"> • Make sure the power of the transmitter unit is on. • Put the transmitter unit near the receiver unit. • If you use a cordless phone, try turning off the power or moving it away from the units. • If you use 5 GHz wireless LAN, try turning off the power or moving it away from the units.
The receiver unit displays a message on the TV “Unable to communicate with transmitter.” and the LINK LEVEL LED of the transmitter unit is still blinking	<ul style="list-style-type: none"> • Put the transmitter unit near the receiver unit. • Try to install the receiver unit in an alternate location. • Try to find the best place and direction of the transmitter unit and the receiver unit. • Remove the objects between the transmitter unit and the receiver unit. • If you use a cordless phone, try turning off the power or moving it away from the units.
LINK LEVEL LED is less than three	<ul style="list-style-type: none"> • Confirm the receiver unit is turned on. • Check the connection of the cable between the equipment and the transmitter unit. • Check the connected equipment is turned on.
The receiver unit displays a message on the TV “This signal is not supported by the transmitter.”	<ul style="list-style-type: none"> • Set the resolution of the equipment to 480i, 480p, 720p or 1080i before connecting to the unit. • If you currently use equipment connected directly to your TV with 1080p resolution, make sure to change the equipment’s resolution to 1080i or less before connecting it to the transmitter unit. • For PLAYSTATION®3, press and hold POWER for several seconds from standby to reset the resolution to 480p (HDMI) and 480i (Component). You may also use the PS3 menu to set the output resolution to 1080i or less before connecting to the transmitter unit. • PC resolutions are not supported by this product. • Non-standard signals may not work on the IN 5 COMPONENT input.

Condition	Explanation/Solution
Poor picture or diminished sound quality	<ul style="list-style-type: none"> • Because of the wireless transmission, the quality of the picture is not the same as HDMI connection. • Press CONNECT to search for a better wireless channel. • Move the transmitter unit closer to the receiver unit. • Try to install the receiver unit in an alternate location. • Try to find the best placement and direction of the transmitter unit and the receiver unit. • Remove the objects between the transmitter unit and the receiver unit. • If you use a cordless phone, try turning off the power or moving it away from the units. • If you use 5 GHz wireless LAN, try turning off the power or moving it away from the units.
Remote control does not work	<ul style="list-style-type: none"> • Check the polarity of the batteries or replace the batteries. • When some functions do not work, operate with the remote control of your equipment. • The supplied remote control is universal. For the corresponding equipment, see Web site. • Not all operations are guaranteed even for equipment from manufacturers supported by this unit. • The supplied remote control cannot be used to turn on or off the receiver unit separately from the TV.
A new remote control will not work	<ul style="list-style-type: none"> • If you wish to use a new remote control, press CONNECT and INPUT SELECT at the same time and hold for a few seconds until the Initial Setup menu appears. Follow the instructions to complete initial setup.
Connected equipment will not work	<ul style="list-style-type: none"> • Put the IR Blaster in a location visible to the IR receiver of the equipment.
Receiver unit will not power off	<ul style="list-style-type: none"> • The power of the receiver unit turns on or off in conjunction with TV if HDMI Control or Control for HDMI of the TV is On and the unit is connected to the TV by HDMI cable.
No sound for IN 1 HDMI Audio	<ul style="list-style-type: none"> • IN 1 HDMI AUDIO input is available only when IN1 HDMI has no audio data.
Compressed audio is not output from the transmitter unit	<ul style="list-style-type: none"> • Your TV must support compressed audio in order for the transmitter unit to output compressed audio from the optical output.



For Your Convenience

Please contact Sony Customer Support directly if you:

- Have questions on the use of your module after reading the Reference Guide or Startup Guide
- Experience difficulty operating your module

For United States

<http://www.sony.com/tvsupport>

or to speak with a support representative: 1-866-918-2485

For Canada

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

or to speak with a support representative: 1-877-899-SONY (7669)

Sony will work to resolve your questions more quickly than your retailer or place of purchase.

Please Do Not Return the Product to the Store

On-line Registration

United States

<http://productregistration.sony.com>

Canada

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