LG
Life's Good

OWNER'S MANUAL
WIRELESS MEDIA BOX

Please read this manual carefully before operating
your set and retain it for future reference.

www.lg.com

CONTENTS

Indoor use only

This device only works with compatible Wireless
Ready LG LCD, LED LCD, and Plasma TVs.

This product does not support 3D.

PREPARATION

ACCESSORIES

Ensure that the following accessories are included with your Wireless Media Box. If an accessory is missing, please contact the dealer where you purchased the set.

■ Image shown may differ slightly from your device.
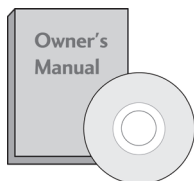
Owner's Manual

Power Cord

Polishing Cloth

* Lightly wipe any stains or fingerprints on the surface of the Wireless Media Box with the polishing cloth.

Do not use excessive force. This may cause scratching or discolouration.

12 V AC/DC Adapter

Wireless Ready Dongle

Velcro

X 2EA

Cable Holder

Cable Management Clip

HDMI Cable

20 Pin Cable
(Power/Control)
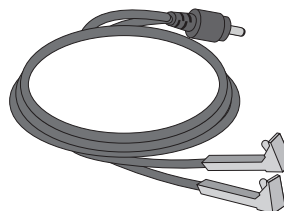
X 2EA

IR Blaster Cable

PREPARATION

FRONT PANEL CONTROLS

> **ⓘ NOTE**
>
> ► This product is only for home use.
> ► Do not use this product in medical institutions or near medical devices. It may cause some medical devices to malfunction.
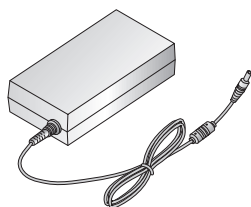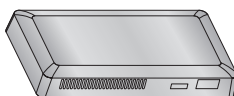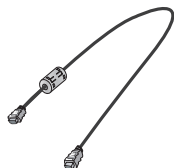> ► Wireless device used to this instrument could be set up and used only to this instrument.
> ► When using the external device connected to the Wireless Media Box, some functions of the TV menu may not work.

■ Image shown may differ slightly from your device.
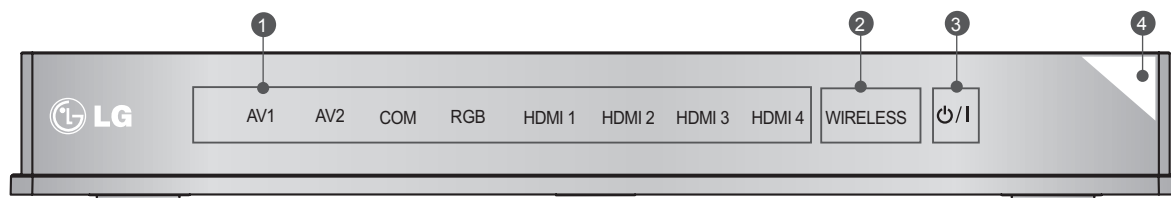
❶ Input Source Indicator & INPUT touch button
Select the input source by touching.

❷ Wireless Connection Indicator
It will flash when trying to connect to a wireless network and be turned on when connected.

❸ POWER touch button
Turn the Wireless Media Box on or off by touching.
If the ⏻ / I (Power) button of the Wireless Media Box is not turned on, the
Wireless Media Box will not be turned on even when turn on the power of the TV.
If the Wireless Media Box is not turned on even after turning the power of the TV
on, check the ⏻ / I (Power) button of the Wireless Media Box.

❹ Power/Standby Indicator
Illuminates red in standby mode.
Illuminates white when the Wireless Media Box is switched on.

* ID Label of Wireless Media Box is located at the bottom of Wireless Media Box.

BACK PANEL INFORMATION

■ Image shown may differ slightly from your device.
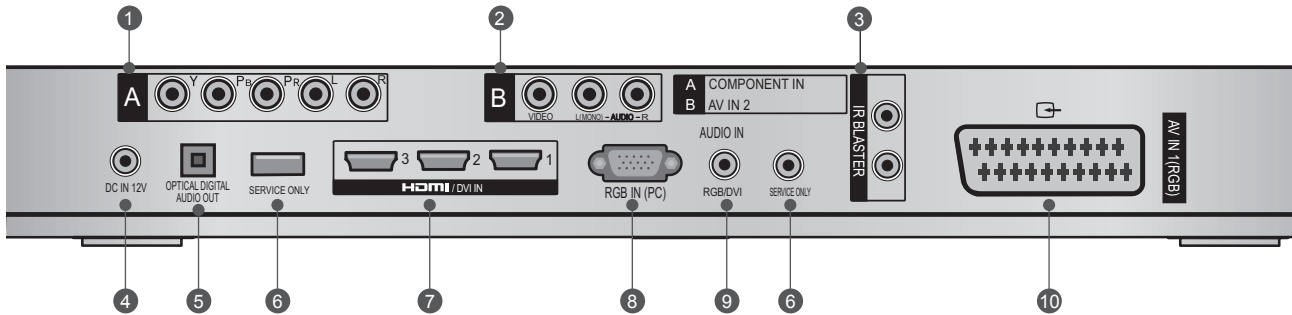
❶ **Component Input**

Connect a component video/audio device to this jack.

❷ **Audio/Video Input (AV IN 2)**

Connect audio/video output from an external device to these jacks.

❸ **IR Blaster**

Controls external equipment.

❹ **DC IN 12 V Power Cord Socket**

This Wireless Media Box operates on 12 V DC power. Only use a power converter that the device was designed to use.

❺ **Optical Digital Audio Out**

Optical digital audio output for use with amps. Note: In standby mode, this port doesn't work.

❻ **SERVICE ONLY PORT**

❼ **HDMI/DVI IN Input**

Digital Connection. Supports HD video and Digital audio. Doesn't support 480i. Accepts DVI video using an adapter or HDMI to DVI cable (not included).

❽ **RGB IN (PC) Input**

Analog PC Connection. Uses a D-sub 15 pin cable (VGA cable).

❾ **AUDIO IN (RGB/DVI) Input**

Connect the audio from an external device.

❿ **Euro Scart Socket (AV IN 1)**

Connect scart socket input from an external device to these jacks.

SIDE PANEL INFORMATION

■ Image shown may differ slightly from your device.
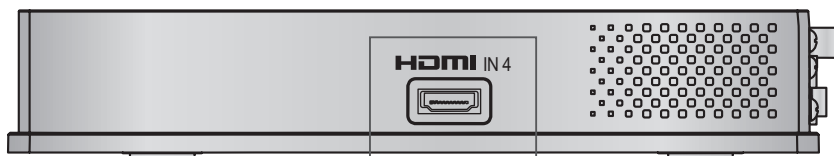
HDMI IN 4
Digital Connection.
Supports HD video and Digital audio.
Doesn't support 480i and 576i.

PREPARATION

WIRELESS READY DONGLE

■ Image shown may differ slightly from your device.
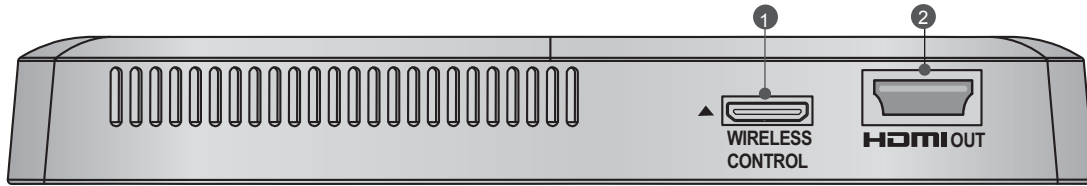
1 Wireless Control Port
This port is used to send and receive commands between the TV and the Wireless Media Box.

2 HDMI Out Port
This port sends the audio and video received from the Wireless Media Box to the TV.

CONNECTING TO THE TV

■ Image shown may differ slightly from your device.
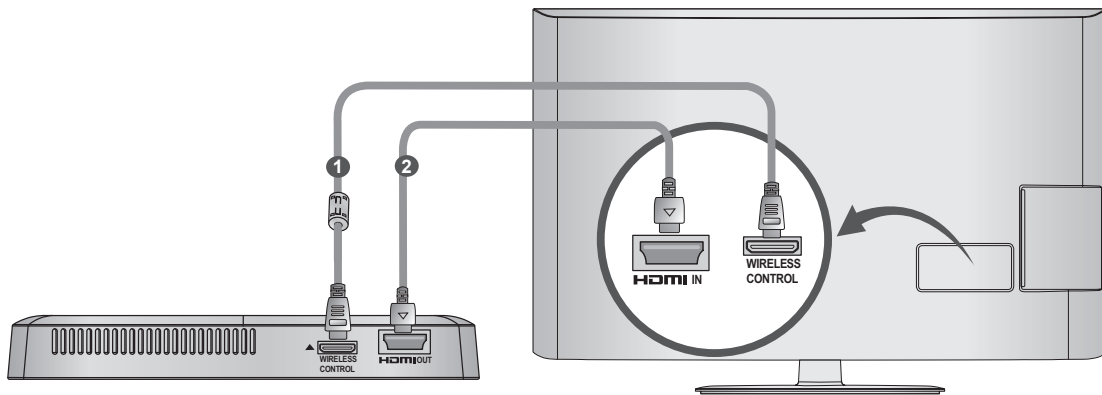
1 Use the provided 20 pin cable (power/control) to connect to the wireless control port of the Wireless Ready Dongle and the wireless control port on the TV.

2 Now connect the HDMI to both the TV and the Wireless Ready Dongle.

ⓘ NOTE
► Install the Wireless Ready Dongle with the power of the TV turned off.
► Use the wireless control jack and 20 pin cable only for connecting the Wireless Ready TV and Wireless Ready Dongle. When used for other purposes, it can cause an error or damage to the product.

ATTACHING THE WIRELESS READY DONGLE

■ The Wireless Ready Dongle can be attached to the back of the TV with the included materials.

1 Remove the protective paper from the included Velcro pad and attach it to the TV as shown. It does not have to be in same position, but should be close to the TV's inputs. The TV will have a recommended location engraved on the TV.
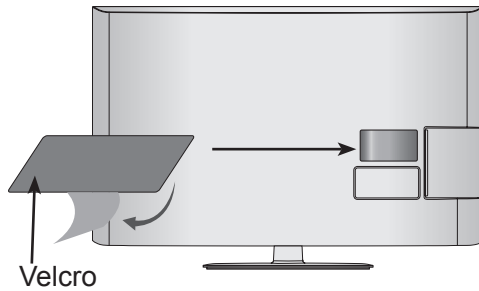
Velcro

2 Now place the Wireless Ready Dongle onto the Velcro pad.

or

or
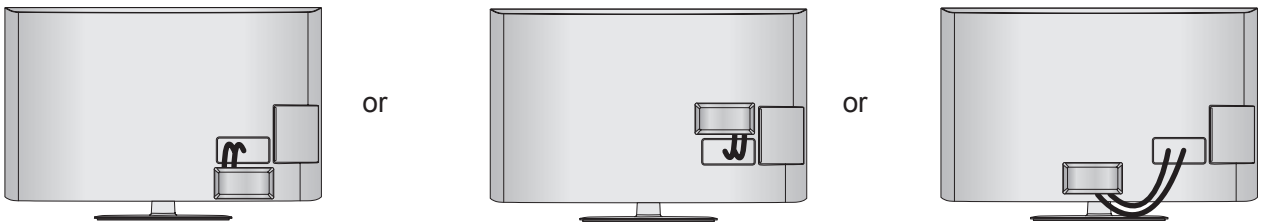
ⓘ NOTE

► The attaching location on the Wireless Ready Dongle can differ by model. Check the engraving on the back cover and attach the cable according to the engraving.

► Clean the part where the magic tape (Velcro) is attached using the supplied brush and attach the part by pressing the area evenly for 1 minute. After about 10 minutes attach the wireless dongle firmly.

• Engraving

or
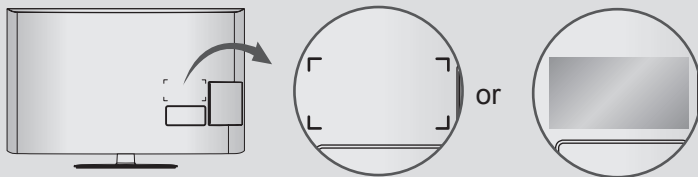
PREPARATION

BACK COVER FOR WIRE ARRANGEMENT

■ Image shown may differ slightly from your device.

1 Connect the cables as necessary.
(Refer to the p.6 to 7.)
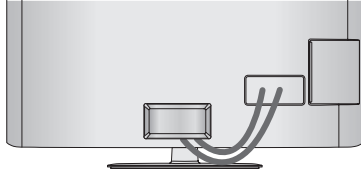
2 After connecting the cables, bundle the cables and install the **Cable Holder** as shown.

Cable Holder
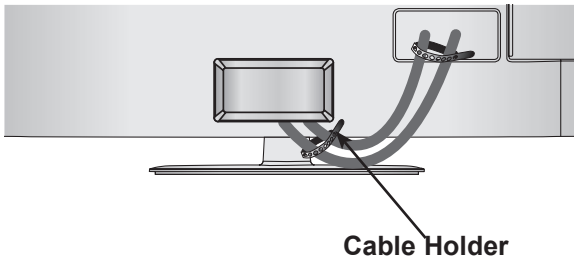
3 Now install the Cable Management Clip which will attach to the back of the TV.
NOTE: The Cable Management Clip attachment location on the TV can differ by model.

Cable Management Clip
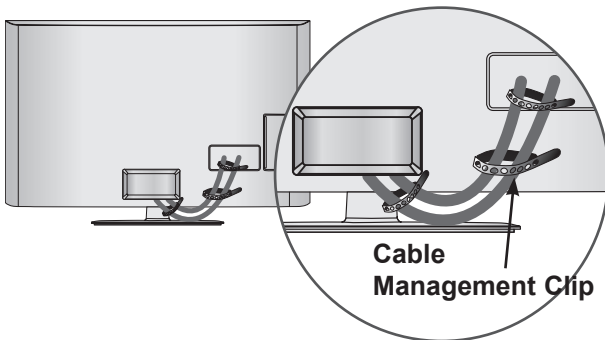
❶ NOTE

► Do not use the **Cable Management Clip** to lift the TV. If the TV is dropped, you may be injured or the TV may be damaged.

CONNECTION OF 12 V AC/ DC ADAPTER

■ Image shown may differ slightly from your device.
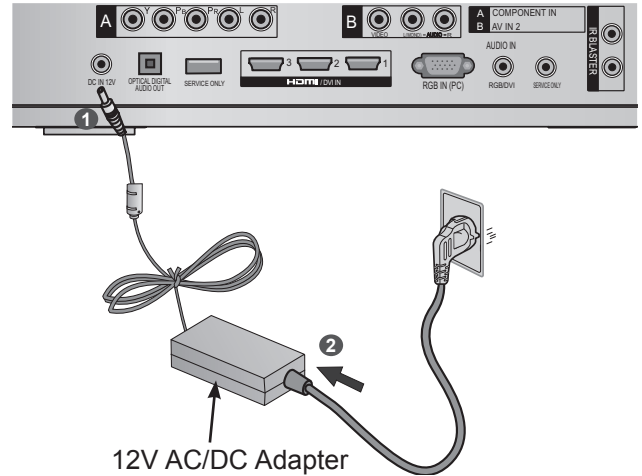
12V AC/DC Adapter

1 Connect the 12 V AC/DC adapter plug to the DC IN 12V input jack on the Wireless Media Box.

2 Connect the power cord to the 12 V AC/DC adapter first, then plug the power cord into the wall power outlet.

⚠ CAUTION

► Please be sure to connect the Wireless Media Box to the AC/DC power adapter before connecting the power plug of the Wireless Media Box to a wall power outlet.

OPTIMAL INSTALLATION LOCATION OF WIRELESS MEDIA BOX

TV

Physical Obstacles (wall, mirror, etc.) X

OK

long distance X
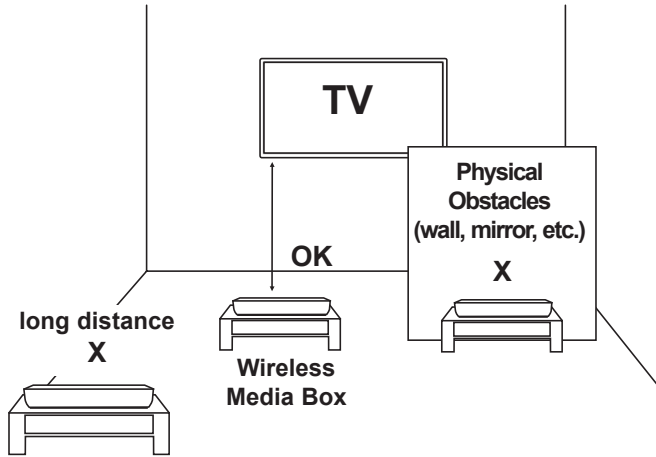
Wireless Media Box

■ The nearer the distance between Wireless Media Box and TV, the better the wireless function.

■ We recommend that you place the Media Box and the TV in the same room.

■ The more objects that are in between the Media Box and the TV, the more the reception strength decreases.

■ If the heat from certain objects (e.g., a heater or a radiator) can reach and warm the Media Box, this may also cause transmission quality to suffer.

Wireless Signal

■ When you press the **OK** button while viewing the external input of Wireless Media Box, the information of the current input and the strength of the wireless signal will be displayed on the bottom left side.

Poor Reception   Good Reception

Adjust the location and directio of the Wireless Media Box until you get good reception.

RECEPTION PROBLEMS DUE TO INTERFERENCE

TV

Minimum 5 m

Wireless Media Box

5.8 GHz Home Wireless Phone

Dual band (5 GHz) Wireless AP

Wireless units of 5 GHz Band
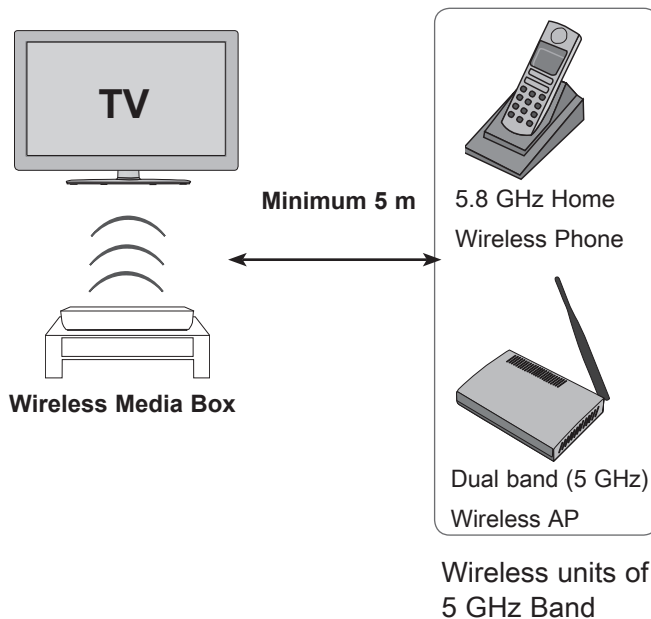
■ Problems such as a connection delay, audio cut-off, and poor picture quality may occur due to interference if there are several wireless devices with a 5 GHz band (5.15 GHz to 5.85 GHz) operating in the same home or in close proximity to each other.

 If these problems occur, take the following actions:

 - Maintain a distance of at least 5 m between the TV and another device with a 5 GHz band.
 - Position the Media Box in a location closer to the TV.
 - Place the Media Box in a higher position. (a minimum of 1 m is recommended.)
 - Please set your wireless LAN to 2.4 GHz Band (channel 1 to 11).
   • Please refer the manual of your router for detail information.
   • If it is not possible to change the channel, please move the router away from the wireless ready dongle.

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PREPARATION

ATTACHING THE IR BLASTER

■ The IR blaster allows the LG TV to control external equipment, like a cable box.

1 Connect the provided IR Blaster cable to the IR Blaster terminal on the Wireless Media Box.

2 After removing the protection paper from the IR Blaster cable, adhere it to the external equipment as shown.

IR Receiver
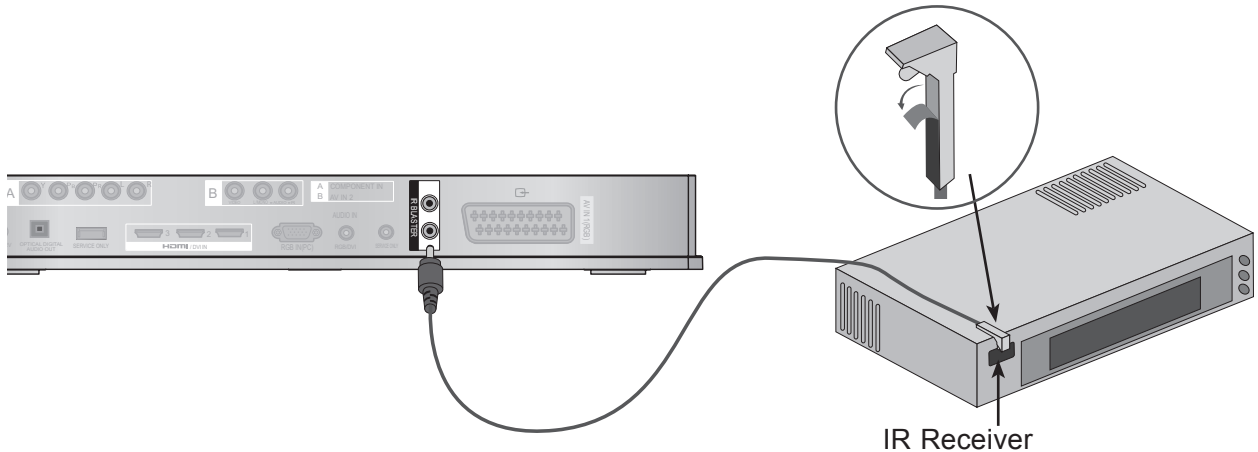
🛈 NOTE

► When you attach the IR Blaster sensor near the remote control sensor of the external device, the signal can be detected more efficiently.

OPTIMAL LOCATION OF EXTERNAL DEVICE WITH IR BLASTER INSTALLED
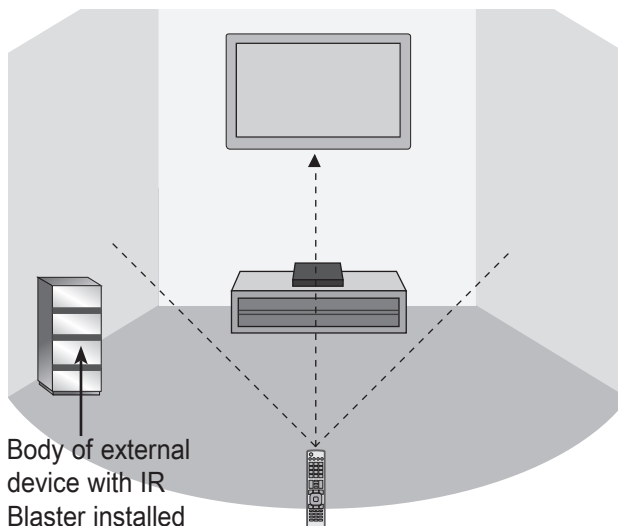
Install the external device with the IR Blaster installed at a location it is not affected by the signal from the remote controller to the TV.

When the external device with the IR Blaster installed receives the signal from the remote controller simultaneously with the TV, it may not operate.

Body of external device with IR Blaster installed

🛈 NOTE

► For some external devices, the IR Blaster may not operate depending on the performance of the IR receiver.
► The operation may be delayed due to the sensitivity of the wireless signal.

EXTERNAL EQUIPMENT SETUP

■ To avoid damaging any equipment, never plug in any power cord until you have finished connecting all equipment.

■ Image shown may differ slightly from your device.

CONNECTING WITH A COMPONENT CABLE

1 Connect the video outputs (Y, P$_B$, P$_R$) of the external equipment (digital set-top box, DVD, etc.) to the **COMPONENT IN VIDEO** jacks labeled A on the Wireless Media Box.

2 Connect the audio output of the external equipment (digital set-top box, DVD, etc.) to the **COMPONENT IN AUDIO** jacks on the Wireless Media Box.

3 Turn on the external equipment.
(Refer to the external equipment's manual for operating instructions.)

4 Select the Wireless **Component** input source using the **INPUT** button on the remote control of TV.
Refer to the user manual of the connected TV for the format of component input.
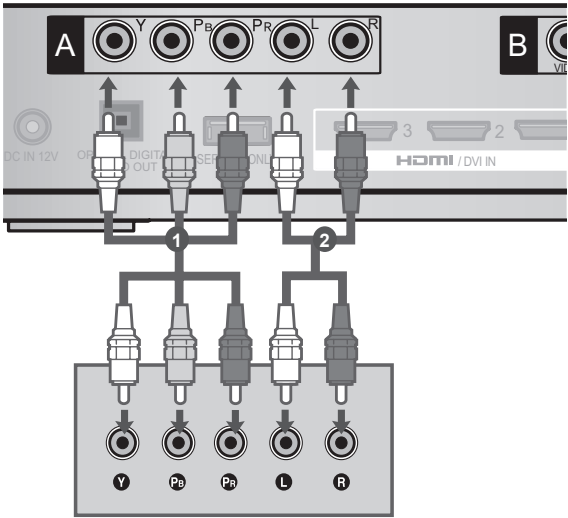
Component Input ports

To achieve better picture quality, connect a DVD player to the component input ports as shown below.

Component ports on the Wireless Media Box	Y	P$_B$	P$_R$

Video output ports on DVD player	Y	P$_B$	P$_R$
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	Pb	Pr

EXTERNAL EQUIPMENT SETUP

CONNECTING WITH AN HDMI CABLE

1 Connect the HDMI output of the external equip-
ment (digital set-top box, DVD, etc.) to **HDMI/
DVI IN 1**, **HDMI/DVI IN 2**, **HDMI/DVI IN 3** or
HDMI IN 4 jack on the Wireless Media Box.

2 Turn on the external equipment.

3 Select Wireless **HDMI1,** Wireless **HDMI2,**
Wireless **HDMI3** or Wireless **HDMI4** input source
using the **INPUT** button on the remote control of
TV.

Refer to the user manual of the connected TV for
the format of HDMI input.
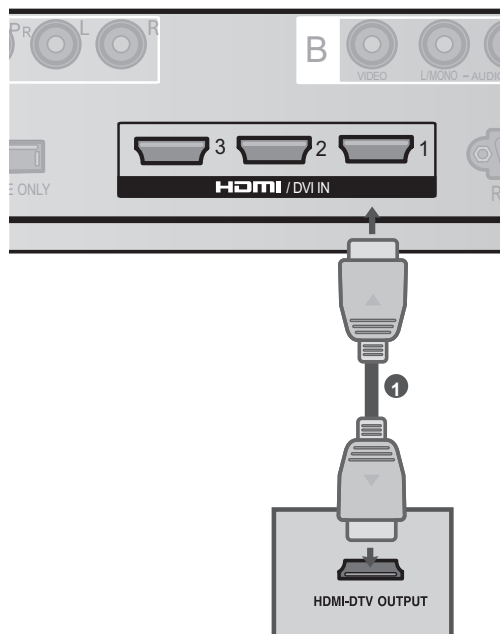
❶ NOTE

► The Wireless Media Box can receive video and audio
signals simultaneously when using an HDMI cable.

► If the DVD does not support Auto HDMI, you must set
the output resolution appropriately.

► Check that your HDMI cable is High Speed HDMI
Cable. If the HDMI cables are not High Speed HDMI
Cable, flickering or no screen display can result.
Please use the High Speed HDMI Cable.

► HDMI Audio Supported format : Dolby Digital, PCM.
DTS Audio format is not supported.

CONNECTING WITH AN HDMI TO DVI CABLE
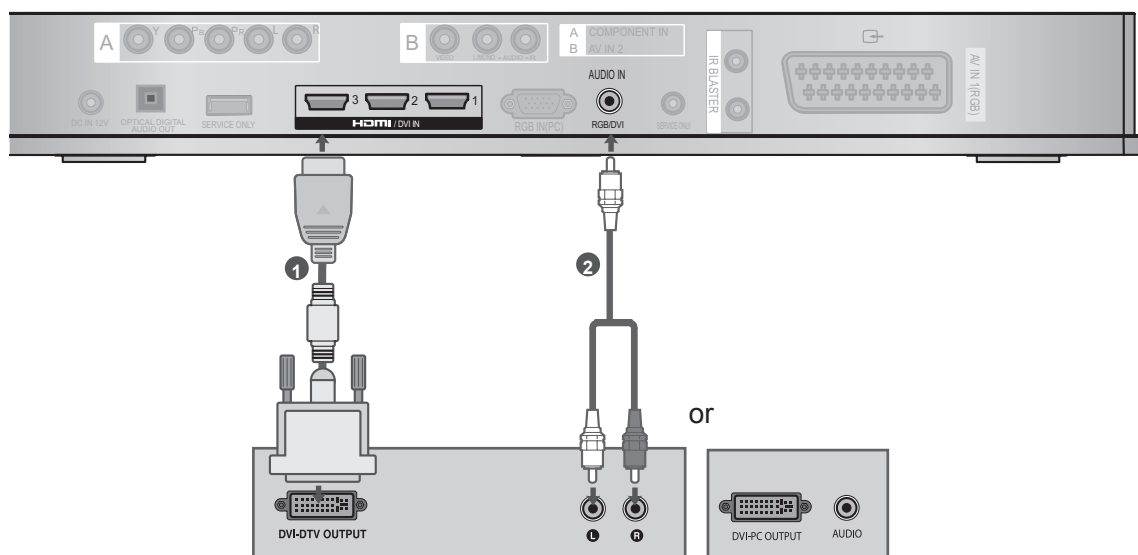
① Connect the digital set-top box or the DVI output of the PC to **HDMI/DVI IN 1**, **HDMI/DVI IN 2** or **HDMI/DVI IN 3** jack on the Wireless Media Box.

② Connect the audio output of the digital set-top box or the PC audio output to the **AUDIO IN (RGB/DVI)** jack on the Wireless Media Box.

③ Turn on the digital set-top box or the PC and the Wireless Media Box.
(Refer to the digital set-top box or the PC manual for operating instructions.)

④ Select Wireless **HDMI1,** Wireless **HDMI2** or Wireless **HDMI3** input source using the **INPUT** button on the remote control of TV.

EXTERNAL EQUIPMENT SETUP

CONNECTING WITH A EURO SCART CABLE

1. Connect the Euro scart socket of the external equipment (DVD, VCR, etc.) to the **AV1** Euro scart socket on the Wireless Media Box.

2. Turn on the external equipment.
   (Refer to the external equipment's manual for operating instructions.)

3. Select **AV1** input source using the **INPUT** button on the remote control of TV.
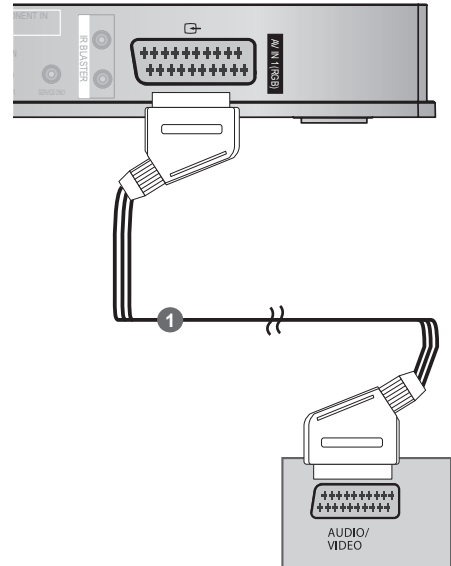
Scart	Input			Output
	Video	Audio	RGB	
AV1	O	O	O	X

❶ NOTE

► Any Euro scart cable used must be signal shielded.

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CONNECTING WITH RCA CABLE

or

Camcorder

Video Game Set
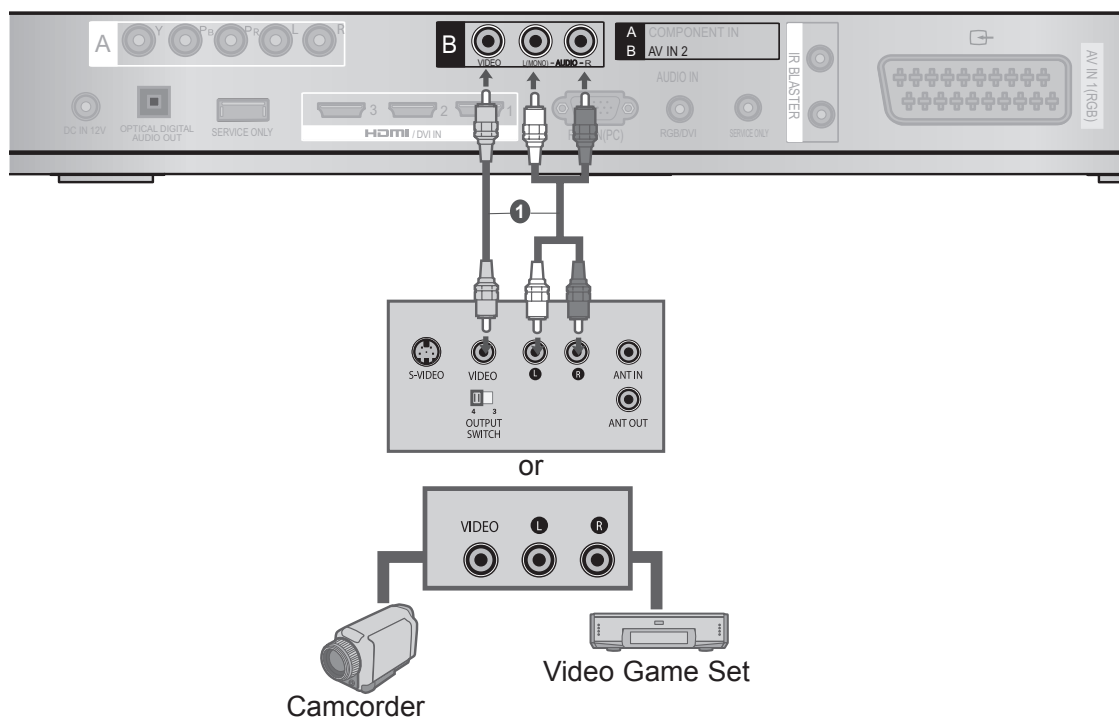
1 Connect the **AUDIO/VIDEO** jacks between Wireless Media Box and VCR or external equipment.

2 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
Or, Operate the corresponding external equipment.
(Refer to external equipment operating guide.)

3 Select Wireless **AV2** input source using the **INPUT** button on the remote control of TV.

❶ NOTE

▶ If you have a mono VCR, connect the audio cable from the VCR to the **AUDIO L/MONO** jack of the media box.

EXTERNAL EQUIPMENT SETUP

DIGITAL AUDIO OUT SETUP

You can output the Wireless Media Box's audio signal to external audio equipment via the Optical Digital Audio Output port. This port uses a standard optical cable.

① Connect one end of an optical cable to the OPTICAL DIGITAL AUDIO OUT port on the Wireless Media Box.

② Connect the other end of the optical cable to the digital audio (Optical) input on the audio equipment.

⚠ CAUTION

▶ Do not look into the optical output port. Looking at the laser beam may damage your vision.
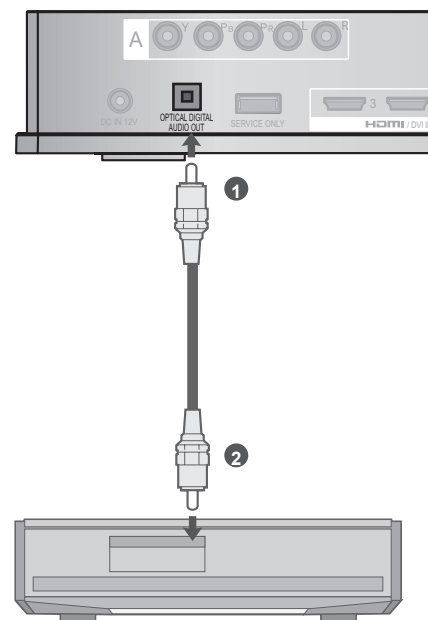
CONNECTING WITH RGB

You can also connect devices using the RGB input. This connection uses a standard VGA cable (D-Sub 15 pin cable). This Wireless Media Box supports Plug and Play capability, meaning that the PC adjusts automatically to the Wireless Media Box's settings.

① Connect the RGB output of the PC to the **RGB IN (PC)** jack on the Wireless Media Box.

② Connect the PC audio output to the **AUDIO IN (RGB/DVI)** jack on the Wireless Media Box.

③ Turn on the PC and the Wireless Media Box.

④ Select Wireless **RGB** input source using the INPUT button on the remote control of TV.

16
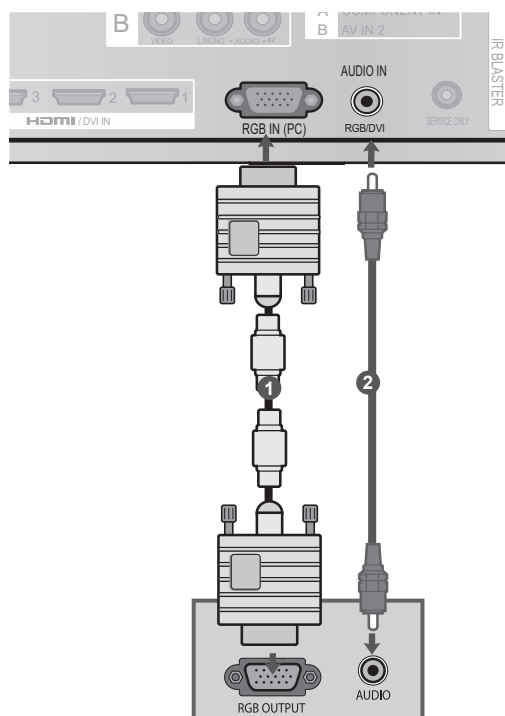
SUPPORTED DISPLAY RESOLUTION

RGB-PC, HDMI/DVI-PC mode

Resolution	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
720x400	31.468	70.08
640x480	31.469	59.94
800x600	37.879	60.31
1024x768	48.363	60.00
1280x768	47.78	59.87
1360x768	47.72	59.80
1280x1024	63.981	60.02
1920x1080 (RGB-PC)	66.587	59.93
1920x1080 (HDMI-PC)	67.5	60.00

❶ NOTE

► There may be interference relating to resolution, vertical pattern, contrast or brightness in PC mode. Change the PC mode to another resolution or change the refresh rate to another rate or adjust the brightness and contrast on the menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.

► The synchronization input waveform for Horizontal and Vertical frequencies are separate.

► Connect the signal cable from the monitor output port of the PC to the RGB (PC) port of the Wireless Media Box or the signal cable from the HDMI output port of the PC to the HDMI IN (or HDMI/DVI IN) port on the Wireless Media Box.

► Connect the audio cable from the PC to the Audio input on the Wireless Media Box. (Audio cables are not included with the Wireless Media Box).

► DOS mode may not work depending on the video card if you use an HDMI to DVI cable.

► If you use too long an RGB-PC cable, there may be interference on the screen. We recommend using under 5m of cable. This provides the best picture quality.

► When an unsupported resolution or graphic card is used on the PC, it may cause some errors.

WATCHING TV / PROGRAM CONTROL

TURNING ON THE WIRELESS MEDIA BOX

1 Firstly, connect the power cord correctly on the Wireless Media Box.
At this stage, the Wireless Media Box switches to standby mode.
When installing for the first time, the press the ⏻ / I (Power) button of the Wireless Media Box to turn on the power.)

2 Use the remote controller of the TV to turn on the power. The power of the Wireless Media Box will automatically be turned on. Point the remote controller toward the TV.

3 When the power of the TV is turned on, the picture will be displayed as follows by stage according to the wireless connecting procedure.

Connecting
wireless TV.

■ If you turn on the power of the TV when the external input of the Wireless Media Box is selected, it will be displayed when the external input of the Wireless Media Box is trying to connect to the wireless network.
■ This is the screen displayed when trying to connect wireless (external input) after connecting the Wireless Ready Dongle while the TV is turned off.
■ The screen becomes dark briefly right before the connection process is complete.
■ When the connection fails, check the power of the Wireless Media Box.

■ Left icon is to distinguish the external input of TV and the wireless external input of Wireless Media Box.

■ After the Wireless Ready Dongle is successfully installed, wireless external input will be shown additionally in the TV menu related to external input. (Input List, Input Label, Timer, Input Block and Picture Wizard)

■ Operate the external input of Wireless Media Box using the remote controller of the TV.

■ When an external device is connected to the Media Box, if the wireless connection is disconnected while the user is changing the settings for video, audio, and other options, the changed settings may not be applied completely. If this occurs, try to carry out the setup again when a wireless device is connected.

Wireless Signal

■ When you press the **OK** button while viewing the external input of Wireless Media Box, the information of the current input and the strength of the wireless signal will be displayed on the bottom left side. (When you press the **BACK/EXIT** button, the information will disappear.)

■ If you press the ⏻ **/ I** (Power) button of the Wireless Media Box manually to turn it off when both the TV and Wireless Media Box are turned on, you will not be able to turn on the power using the remote controller of the TV. At this time, press the ⏻ **/ I** (Power) button of the Wireless Media Box to turn on the power.

INPUT LIST

Only input signals which are connected to a TV or Wireless Media Box can be activated and selected.

■ Image shown may differ from your TV.

Input List				Move ◉ OK	
Antenna	USB1	USB2	AV1	AV2	Component
RGB	HDMI1	HDMI2	HDMI3	HDMI4	AV1
				▮ Input Label	↰ Exit
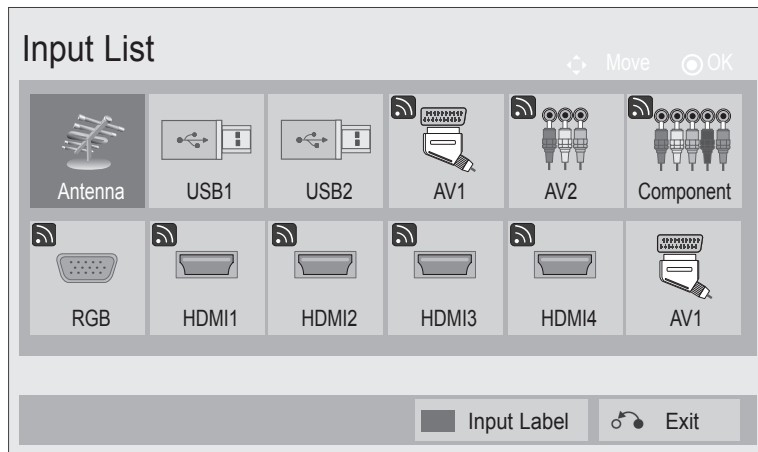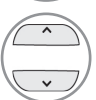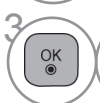
* This is the screen when the Wireless Ready Dongle is connected to HDMI/DVI IN 1. HDMI terminal connected to Wireless Ready Dongle is not displayed on the list of external inputs.

■ Select your desired Source.
When you change the input source, it can take up to 10 seconds depending on the wireless environment.

IR BLASTER SETUP

You can control the external device (VCR, DVD player etc.) connected to the Media box from the TV using the infrared controller called IR-Blaster.
Set up the TV menu as shown below.

1 MENU Select **OPTION**.

2 OK Select **IR Blaster**.

3 OK Select **On**.
• Press the **MENU/EXIT** button to return to normal TV viewing.
• Press the **BACK** button to move to the previous menu screen.

APPENDIX

IR CODE LIST

DVD

BRAND	CODE
PHILIPS	RC6
SAMSUNG	LC7461
TOSHIBA	NEC
PANASONIC	AV162
LG	TC9012
DENON	LRC3715
PIONEER	NEC
HITACHI	NEC
GPX	SAA3004

DVR-VCR

BRAND	CODE
TIVO S2	uPD6121
SAMSUNG	TC9012
TOSHIBA	NEC
PANASONIC	AV162
PHILIPS	SAA3010
HITACHI	NEC
LG	NEC
MITSUBISHI	JVC
HITACHI	M50110
GO VIDEO	SAA3004

AUDIO

BRAND	CODE
DENON	LRC3715
YAMAHA	NEC
MARANTZ	SAA3010
INTEGRA, ONKYO	NEC
H/K	NEC
PIONEER	NEC
BOSE	NEC
LEXICON	uPD6121
ROTEL	uPD6121
SHERWOOD	uPD6121
XM	SAA3010
REALISTIC	TC9148
PARASOUND	TC9132P
INSIGNIA	SAA3004

CBL-SAT

BRAND	CODE
S/A,PIONEER	D6108
MOTOROLA	MOTOROLA
DIRECTV	DIRECTV
MOXI	MOXI
VOOM	BU5962
SAMSUNG	uPD6121
LG	NEC
PIONEER	M50110

APPENDIX

RF SPECIFICATIONS

Wireless Media Box

Items	U-NII-I	U-NII-II	U-NII-II extended	U-NII-III
Frequency range [GHz]	5.15 to 5.25	5.25 to 5.35	5.47 to 5.725	5.725 to 5.825
Transmission	OFDM	OFDM	OFDM	OFDM
RF Output Power (Average) [dBm]	16	16	16	16
Antenna Gain (Peak) [dBi]	3.47	2.93	3.42	3.24
Channel Table [MHz] (Center frequency)	Depends on the country region (Please see the Frequency Table)			
Channel units	2 to 11 Depends on the country region (Please see the Frequency Table)			
Maximum distance (Line of sight, No interference)	15 m Depends on the structure of building.			
Channel bandwidth	40 MHz			

■ Band channel used by the country could be different.

Wireless Ready Dongle

Items	U-NII-I	U-NII-II	U-NII-II extended	U-NII-III
Frequency range [GHz]	5.15 to 5.25	5.25 to 5.35	5.47 to 5.725	5.725 to 5.825
Transmission	OFDM	OFDM	OFDM	OFDM
RF Output Power (Average) [dBm]	13	13	13	13
Antenna Gain (Peak) [dBi]	3.36	3.05	2.72	3.17
Channel Table [MHz] (Center frequency)	Depends on the country region (Please see the Frequency Table)			
Channel units	2 to 11 Depends on the country region (Please see the Frequency Table)			
Channel bandwidth	20 MHz, 40 MHz			

■ The product automatically discontinue transmission in case of either absence of information to transmit or operational failure.

FREQUENCY TABLE

BW\CH	#36	#40	#44	#48	#52	#56	#60	#64		#100	#104	#108	#112	#116	#120	#124	#128	#132	#136	#140		#149	#153	#157	#161	#165
EUROPE / Russia / Kazakhstan / Uzbekistan / Kyrgyzstan / Tadjikistan / Turkmenistan / Belarus / Turkey	5.15 GHz to 5.25 GHz				5.25 GHz to 5.35 GHz					5.47 GHz to 5.725 GHz												5.725 GHz to 5.850 GHz				
20 MHz	5180	5200	5220	5240	5260	5280	5300	5320		5500	5520	5540	5560	5580	5600	5620	5640	5660	5680							
40 MHz	5190		5230		5270		5310			5510		5550		5590		5630		5670								

BW\CH	#36	#40	#44	#48	#52	#56	#60	#64		#100	#104	#108	#112	#116	#120		#149	#153	#157	#161
Ukraine	5.15 GHz to 5.25 GHz				5.25GHz to 5.35 GHz					5.47 GHz to 5.725 GHz							5.725 GHz to 5.850 GHz			
20 MHz	5180	5200	5220	5240	5260	5280	5300	5320		5500	5520	5540	5560	5580	5600		5745	5765	5785	5805
40 MHz	5190		5230		5270		5310			5510		5550		5590			5755		5795	

BW\CH	#36	#40	#44	#48	#52	#56	#60	#64		5.47 GHz to 5.725 GHz		#149	#153	#157	#161
Algeria	5.15 GHz to 5.25 GHz				5.25 GHz to 5.35 GHz							5.725 GHz to 5.850 GHz			
20 MHz	5180	5200	5220	5240	5260	5280	5300	5320				5745	5765	5785	5805
40 MHz	5190		5230		5270		5310					5755		5795	

BW\CH	#36	#40	#44	#48	#52	#56	#60	#64		5.47 GHz to 5.725 GHz		5.725 GHz to 5.850 GHz
Morocco / Tunisia	5.15 GHz to 5.25 GHz				5.25 GHz to 5.35 GHz							
20 MHz	5180	5200	5220	5240	5260	5280	5300	5320				
40 MHz	5190		5230		5270		5310					

■ The user can not change or adjust the operating frequncy and this product is set for the regional frequency table.

APPENDIX

PRODUCT SPECIFICATIONS

MODELS	Wireless Media Box (AN-WL100E / AN-WL100ET)
Dimensions (Width x Height x Depth)	326.0 mm x 42.8 mm x 226.0 mm
Weight	1.5 kg
Power requirement	DC 12 V 1.1 A
Adapter	In : AC 100-240 V~ 50 / 60 Hz Out : DC 12 V 2.5A (Adapter model No. : PA-1031-1 (LITE-ON), EADP-30PB B (DELTA))
MODELS	Wireless Ready Dongle
Dimensions (Width x Height x Depth)	148.0 mm x 23.0 mm x 78.0 mm
Weight	0.2 kg
Environment condition — Operating Temperature / Operating Humidity	0 °C to 40 °C Less than 80 %
Environment condition — Storage Temperature / Storage Humidity	-20 °C to 60 °C Less than 85 %

■ The specifications shown above may be changed without prior notice for quality improvement.

TROUBLESHOOTING

The video function does not work.	
No picture & No sound	■ Check whether the TV and the Wireless Media Box are turned on. ■ Is the power cord inserted correctly into the adapter? ■ Is the adapter plug inserted correctly into the Wireless Media Box?
No or poor colour or poor picture	■ Adjust Colour in menu option. ■ Are the video cables installed properly? ■ Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	■ Check for local interference such as an electrical appliance or power tool.
No picture when connecting HDMI	■ Check that your HDMI cable is High Speed HDMI Cable. If the HDMI cables are not High Speed HDMI Cable, flickering or no screen display can result. Please use the High Speed HDMI Cable.

The audio function does not work.	
Picture OK & No sound	■ Press the ⊿ **+** or **-** button. ■ Sound muted? Press MUTE button. ■ Are the audio cables installed properly?
No output from one of the speakers	■ Adjust **Balance** in menu option.
No sound when connecting HDMI	■ Check HDMI cable is High Speed HDMI Cable.

There is a problem in PC mode. (Only PC mode applied)	
The signal is out of range (Invalid format)	■ Adjust resolution, horizontal frequency, or vertical frequency. ■ Check the input source.
Vertical bar or stripe on background & Horizontal Noise & Incorrect position	■ Use Auto configure or adjust clock, phase, or H/V position. (Option)
Screen colour is unstable or single colour	■ Check the signal cable. ■ Reinstall the PC video card.

This is when there is an issue with the wireless connection.	
Connecting Wireless TV screen is not displayed.	■ Check the connection of the 20 pin cable (Power/Control) between the Wireless Ready TV and Wireless Ready Dongle. (Refer to the p. 6) ■ Set up the external input of TV to wireless input. ■ Check the connection of the HDMI cable between the Wireless Ready TV and Wireless Ready Dongle. (Refer to the p. 6)
"Connecting wireless" screen is displayed but the wireless input is not activated.	■ Check whether the power of the Wireless Media Box is turned on. (Refer to the p. 18 to 19) ■ Check whether an external device is connected to Wireless Media Box. Only the wireless input with the external device connected will be activated.
It reconnects after wireless connection is established	■ This happens when there is wireless interference from surrounding devices or when the wireless signal is weak. Check the installation range of the Wireless Media Box. (Refer to the p. 9)
Screen is distorted after the wireless connection.	■ This can happen when the wireless signal is weak. Check the installation range of the Wireless Media Box. (Refer to the p. 9)
After wireless connection is established, horizontal line patterns are instantly shown on the screen.	■ This can happen when there are wireless devices using 5 GHz Band. Keep products that interfere with wireless reception with Wireless Media Box at least 5 m away. (Refer to the p. 9)

APPENDIX

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LGPL LIBRARIES:
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MPL LIBRARIES:
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LG
Life's Good

Record the model number and serial number of the TV.
Refer to the label on the back cover and quote this information to your dealer when requiring any service.

Model : _____

Serial No. : _____