



OWNER'S MANUAL SET-TOP BOX

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

STB-3000 STB-3500
STB-3501-UA



www.lgsolutions.com

P/NO : MFL68080318 (1507-REV04)

IMPORTANT SAFETY INSTRUCTIONS

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product.



WARNING/CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

 The lightning flash with arrowhead symbol, within an equilateral triangle, 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.

 The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

- TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION

- Do not attempt to modify this product in any way without written authorization from LG Electronics U.S.A., Inc. Unauthorized modification could void the user's authority to operate this product.

COMPLIANCE

- The responsible party for this product's compliance is: LG Electronics U.S.A. Inc.
1000 Sylvan Avenue, Englewood Cliffs, NJ 07632, USA • Phone: 1-201-816-2000

WARNING

If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

CAUTION

If you ignore the caution message, you may be slightly injured or the product may be damaged.

NOTE

The note helps you understand and use the product safely. Please read the note carefully before using the product.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Wash hands after handling.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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 in order to avoid injury from tip-over.



- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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 been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Never touch this apparatus or antenna during a thunder or lightning storm.
- When mounting an Set-Top Box on the wall, make sure not to install the Set-Top Box by the hanging power and signal cables on the back of the Set-Top Box.
- Do not allow an impact shock or any objects to fall into the product.
- Power Cord

Caution: Check the specification page of this owner's manual to determine necessary power requirements for this Set-Top Box. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized servicer. Protect the power cord from physical or mechanical abuse, such as twisting, kinking, or pinching or being closed in a door or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. Do not use a damaged or loose power cord. Be sure to grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the Set-Top Box.

- **Overloading**

Do not connect too many appliances to the same AC power outlet as this could result in fire or electric shock. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in fire or electric shock.

- **Outdoor Use/Wet Location**

Warning: To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the Set-Top Box with wet hands. Do not install this product near

flammable objects such as gasoline or candles or expose the Set-Top Box to direct air conditioning.

Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc., on or over the apparatus (e.g., on shelves above the unit).

- **Disconnect Device**

The mains plug is the disconnecting device.

The plug must remain readily operable.

As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by SWITCH.

- **Outdoor Antenna Grounding**

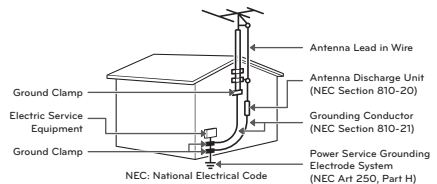
If an outside antenna or cable system is connected to the product, follow the precautions below.

An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits or where it can come into contact with such power lines or circuits as death or serious injury can occur.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

Article 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Antenna grounding according to the National Electrical Code, ANSI/NFPA 70



- **Cleaning**

When cleaning, unplug the power cord and rub gently with a soft cloth to prevent scratching. Do not spray water or other liquids directly on the Set-Top Box as electric shock may occur. Do not clean with chemicals such as alcohol, thinners, or benzene.

- **Transporting Product**

Make sure the product is turned off and unplugged and that all cables have been removed. Do not press against or put stress on the Set-Top Box.

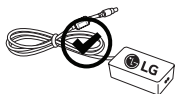
• Ventilation

Install the Set-Top Box where there is proper ventilation. Do not install in a confined space such as a bookcase. Do not cover the product with cloth or other materials (e.g., plastic) while it is plugged in. Do not install in excessively dusty places.

- If water or another substance enters the product (like an AC adapter, power cord, or TV), disconnect the power cord and contact the service center immediately. Otherwise, this may result in fire or electric shock.



- Use only an authorized AC adapter and powercord approved by LG Electronics. Otherwise, this may result in fire, electric shock, malfunction, or product deformation.



- Never disassemble the AC adapter or power cord. This may result in fire or electric shock.



- Handle the adapter carefully to avoid dropping or striking it. An impact could damage the adapter.



- Do not touch the ventilation openings, as they may become hot while the Set-Top Box is operating.
- If you smell smoke or other odors coming from the Set-Top Box or hear strange sounds, unplug the power cord and contact an authorized service center.
- Keep the product away from direct sunlight.
- Keep the packing anti-moisture material or vinyl packing out of the reach of children. Anti-moisture material is harmful if swallowed. If swallowed, force the patient to vomit and visit the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.
- Do not stick metal objects or any other conductive material into the power cord. Do not touch the end of the power cord while it is plugged in.

- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus. (e.g., on shelves above the unit).
- Grounding
(Except for devices which are not grounded.) Ensure that you connect the earth ground wire to prevent possible electric shock (i.e., a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightning rods, or gas pipes.
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to operate this product.

FCC NOTICE

(For USA)

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 the receiver.
- Connect the equipment to 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.

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 of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radio Frequency Interference

Requirements (for UNII devices)

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. This device cannot be co-located with any other transmitter.

FCC RF Radiation Exposure Statement

[For having wireless function (WLAN, Bluetooth,...)]

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

(For Canada)

[For having wireless function (WLAN, Bluetooth,...)]

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

1. this device may not cause interference and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

(For Canada)

[For having wireless function (WLAN, Bluetooth,...)]

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna and your body.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

WARNING

(For Canada)

[For product having the wireless function using 5 GHz frequency bands]

- The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- The maximum antenna gain permitted for devices in the bands 5250–5350 MHz and 5470–5725 MHz shall comply with the EIRP limit; and
- The maximum antenna gain permitted for devices in the band 5725–5825 MHz shall comply with the EIRP limits specified for point-to-point and non point-to-point operation as appropriate.
- High-power radars are allocated as primary users (i.e., priority users) of the bands 5250–5350 MHz and 5650–5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

NOTE TO CABLE/TV INSTALLER

(For USA and Canada)

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

LG RECYCLING POLICY

(For USA)

LG Electronics offers a customized e-waste take-back and recycling service that meets local needs and requirements in the countries where e-waste regulations are in place, and also provides product and packaging take-back and recycling service voluntarily in some countries. LG Electronics evaluates products' recyclability at the design step using LG's recyclability evaluation tool, with the goal of improving recyclability where practicable. Through these activities, LG seeks to contribute to conserving natural resources and protecting the environment.

For more information about the LG Recycling Policy, please visit our global site at

<http://www.lg.com/global/sustainability/environment/take-back-recycling>.

LICENSES

Supported licenses may differ by model. For more information about licenses, visit www.lg.com.



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



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.



For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS 2.0+Digital Out is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.

OPEN SOURCE SOFTWARE NOTICE INFORMATION

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit <http://opensource.lge.com>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

NOTE

- Image shown may differ from your product.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this product in the future.

TABLE OF CONTENTS

2 IMPORTANT SAFETY INSTRUCTIONS

6 LICENSES

6 OPEN SOURCE SOFTWARE NOTICE INFORMATION

7 TABLE OF CONTENTS

8 ASSEMBLING AND PREPARING

- 8 Unpacking
- 9 Parts and Components
 - 9 - Front Panel
 - 9 - Back Panel
- 10 How to Use Dual Lock™ (Optional)

12 MAKING CONNECTIONS

- 12 Connecting to an Antenna or Cable
- 13 Other Connections

15 MAINTENANCE

- 15 Cleaning Your Set-Top Box

15 TROUBLESHOOTING

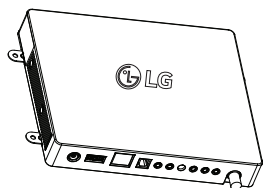
16 SPECIFICATIONS

18 LIMITED WARRANTY

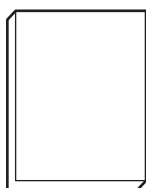
ASSEMBLING AND PREPARING

Unpacking

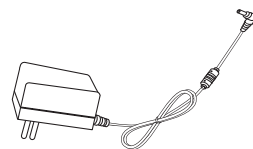
Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and item.



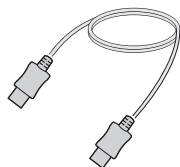
Set-Top Box



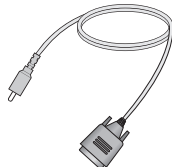
Owner's Manual



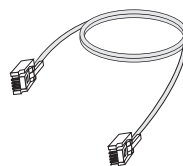
AC/DC Adapter



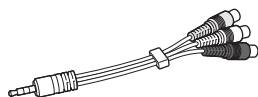
HDMI Cable



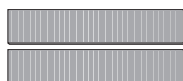
TLM Cable
(For STB-3000)



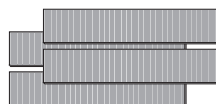
MPI Cable
(For STB-3500, STB-3501-UA)



A/V Adapter Cable
(For STB-3500, STB-3501-UA)



Dual Lock™
2 EA
(For STB-3500, STB-3501-UA)



Dual Lock™
4 EA



Screw
1 EA, M6 x L18



Spacer
1 EA

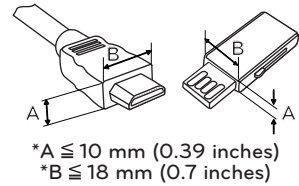


CAUTION

- Do not use any unapproved items to ensure the safety and product's lifespan.
- Any damages or injuries by using unapproved items are not covered by the warranty.

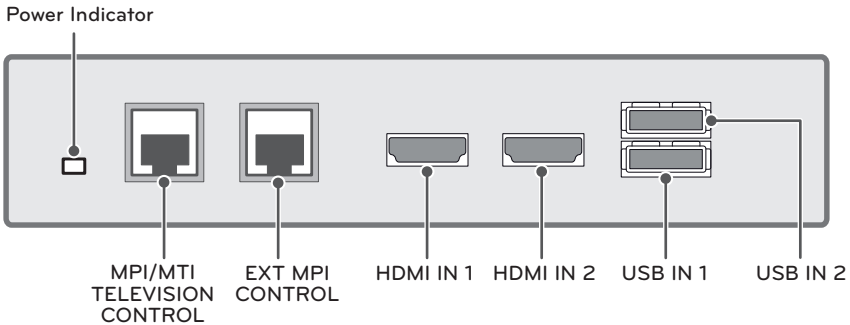
! NOTE

- The items supplied with your product may vary depending upon the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.
- When connecting two USB devices at the same time, each one should have bezels less than 8.5 mm (0.33 inches) thick.
- Use an extension cable that supports USB 2.0 if the USB cable or USB flash drive does not fit into your TV's USB port.
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types (3 m or less)
 - High-Speed HDMI®/™ cable
 - High-Speed HDMI®/™ cable with Ethernet

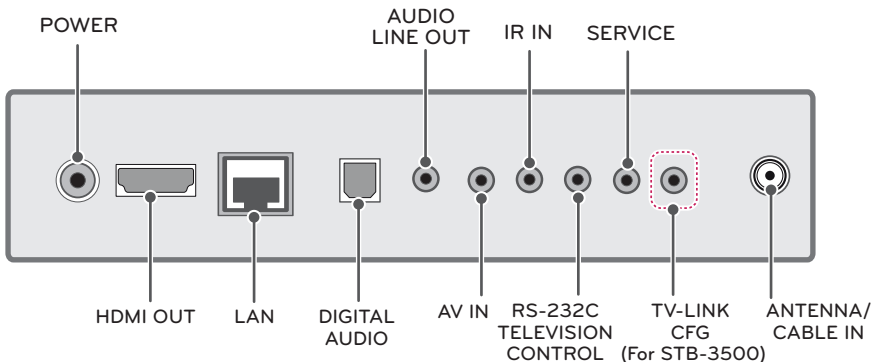


Parts and Components

Front Panel



Back Panel



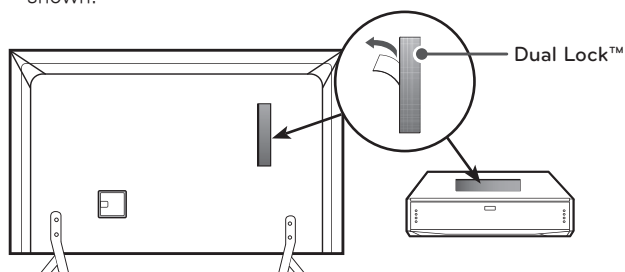
How to Use Dual Lock™ (Optional)

(Image shown may differ from your product.)

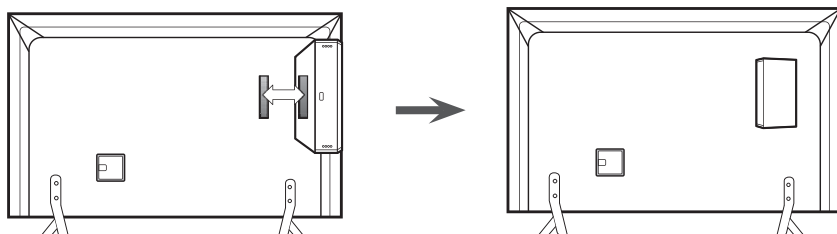
Fix the Set-Top Box to the TV and use it when you want to.

(For STB-3000)

- 1 After removing the protection paper from the Dual Lock™, stick it to the TV and the Set-Top Box as shown.



- 2 Attach the Set-Top Box to the TV by pressing the Dual Lock™ together.

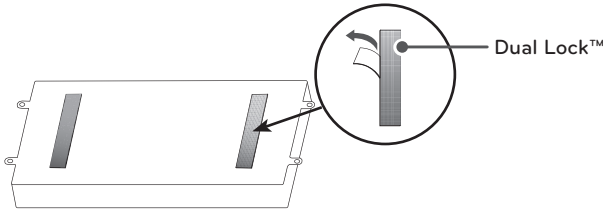


! NOTE

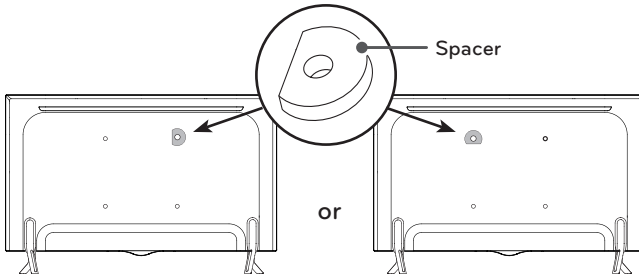
- Be sure the product surface is clean, and then firmly attach the Dual Lock™.
- Before attaching the Set-Top Box to the TV, let the attached Dual Lock™ dry for at least three days.

(For STB-3500, STB-3501-UA)

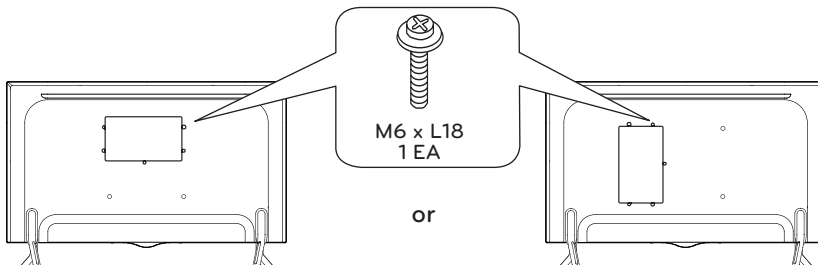
- 1 Attach the Dual Lock™ in pairs first. Press firmly the whole part of Dual Lock™ to ensure firm fastening of the protruding parts with each other.
- 2 After removing the protection paper from the one side of Dual Lock™, stick them to the back of Set-Top Box as shown.



- 3 After removing the protection paper from the spacer, stick it to a VESA screw hole on the back of the TV. (However, you can choose the location to attach the spacer randomly by considering the shape of the rear side of the TV and the attachment location of the Set-Top Box.)



- 4 After removing the protection paper from the Dual Lock™, stick Set-Top Box to the TV. Insert and tighten the screw on the hole with the spacer attached. (When tightening the screws, be sure not to over tighten them to avoid deformation of the spacer.)

**! NOTE**

- Do not mount by Dual lock™ only without screw.
- If Set-Top Box is not a perfect fit on the rear side of your TV, please place and use it on a flat surface.
- Do not fasten the screw with excessive force.
- Be sure the product surface is clean, and then firmly attach the Dual Lock™.
- Before attaching the Set-Top Box to the TV, let the attached Dual Lock™ dry for at least three days.

MAKING CONNECTIONS

- Image shown may differ from your product.

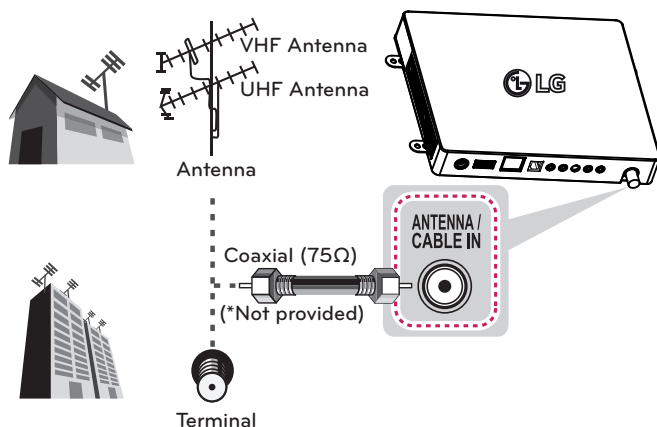
You can connect various external devices to the product. Supported external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. For more information on external device's connection, refer to the manual provided with each device.

NOTE

- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the Set-Top Box through a DVD recorder or VCR. For more information about recording, refer to the manual provided with the connected device.
- The external device connections shown may differ slightly from illustrations in this manual.
- Connect external devices to the Set-Top Box regardless about the order of the Set-Top Box port.
- If you connect a gaming device to the Set-Top Box, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.
- Using a DVI to HDMI cable may cause compatibility issues.

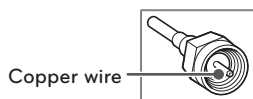
Connecting to an Antenna or Cable

Connect an antenna, cable, or cable box to watch TV. The illustrations may differ from the actual items and an RF cable is optional.



CAUTION

- Make sure not to bend the copper wire of the RF cable.



- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your Set-Top Box.

NOTE

- Use a signal splitter to use 2 Set-Top Boxes or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital

Other Connections

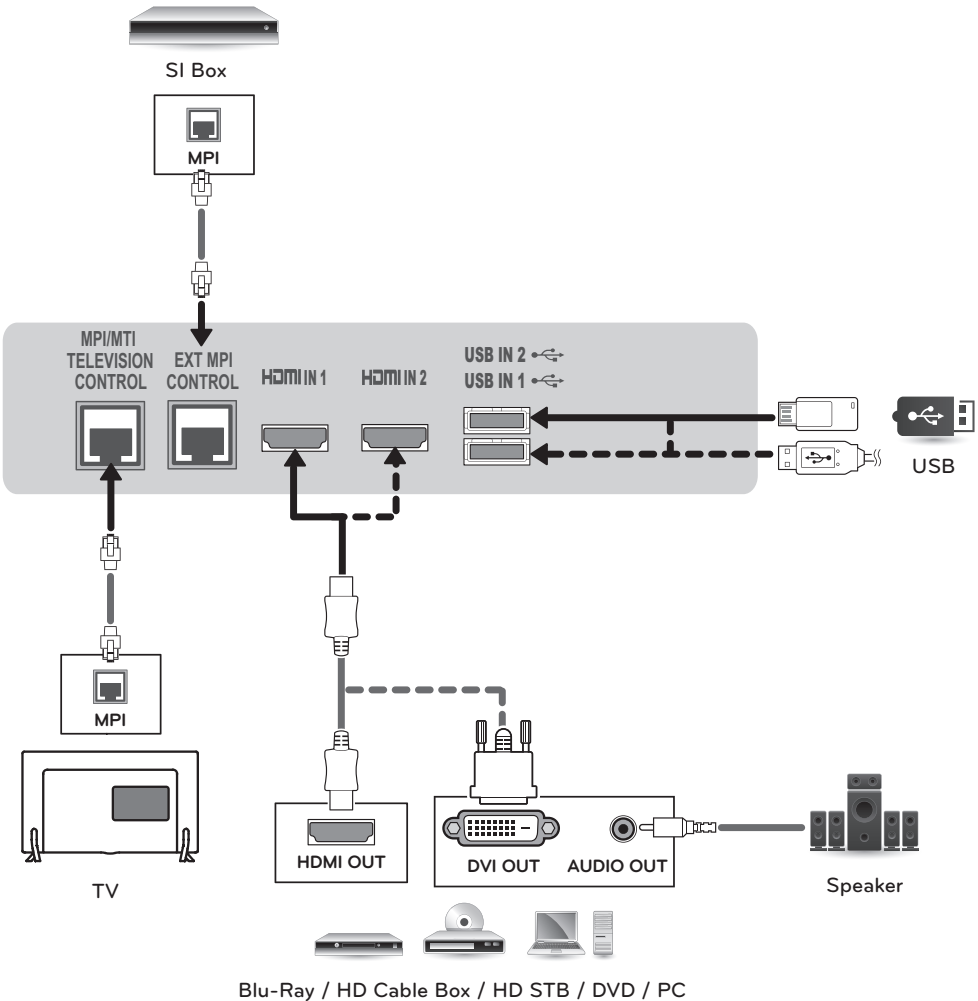
Connect your Set-Top Box to external devices. For the best picture and audio quality, connect digital devices using an HDMI cable.

- Image shown may differ from your product.
- A separate cable is not provided.

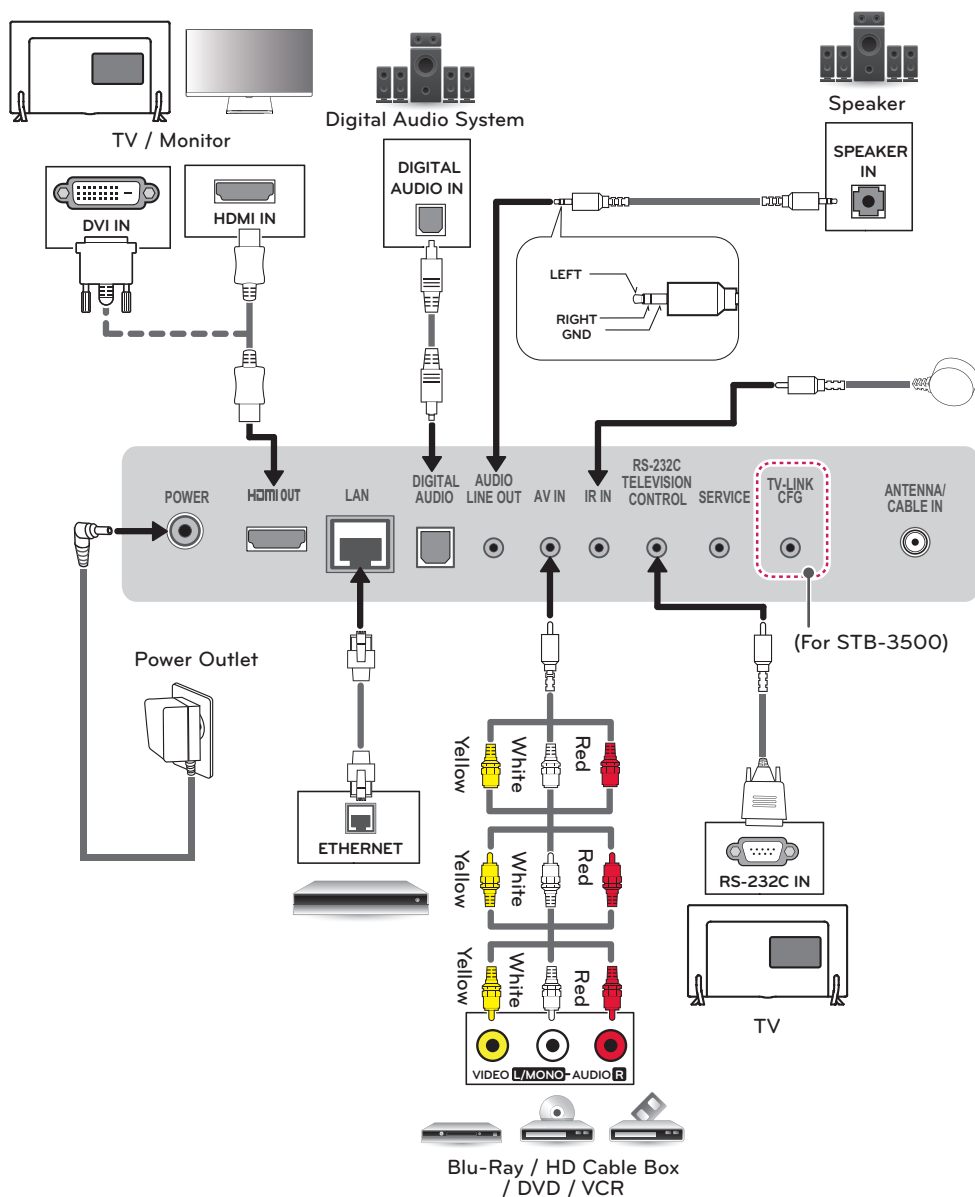
! NOTE

- Do not connect your headphones or earphones to the port for connecting an external speaker.

Front



Back



NOTE

- Audio Line Out Jack should be connected with SE (Single Ended) mode 3-pin type audio cable. Use only with the 3 Pole 3.5 mm Stereo Jack.

MAINTENANCE

Cleaning Your Set-Top Box

Clean your Set-Top Box regularly to keep it at peak performance and to extend the product's lifespan.

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.

To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

Remove the accumulated dust or dirt on the AC/DC adapter regularly.



CAUTION

- Before cleaning, turn the power off and disconnect the power cord and all other cables.
- When the Set-Top Box is left unattended or unused for a long time, disconnect the AC/DC adapter from the wall outlet to prevent possible damage from lightning or power surges.
- Do not push, rub, or hit the surface with your fingernail or a sharp object, as this may result in scratches on the product cover.
- Do not use any chemicals, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, or lubricants, as these may damage the product's finish and cause discoloration.
- Do not spray liquid onto the surface. If water enters the Set-Top Box, it may result in fire, electric shock, or malfunction.

TROUBLESHOOTING

The software may be updated for improvement in performance. The customer is responsible to ensure the compatibility of their equipment with any LG Electronics software. If needed, please consult LG Electronics and update new software versions according to the guidance provided by LG Electronics.

Problem	Solution
Cannot control the Set-Top Box with the remote control.	• Check if anything such as tape has been placed over the receiver. • Check if there is any obstacle between the product and the remote control. • Replace the batteries with new fresh ones.
Set-Top Box does not output any video or audio.	• Check if the product is turned on. • Check if the power cord is connected to a wall outlet. • Check if there is a problem in the wall outlet by connecting other products.
Set-Top Box turns off suddenly.	• Check the power control settings. The power supply may be interrupted. • Check if the auto off feature is activated in the Time settings.
When connecting to the PC (HDMI/ DVI), No signal or Invalid Format is displayed.	• Turn the Set-Top Box off/on using the remote control. • Reconnect the HDMI/DVI cable. • Restart the PC with the Set-Top Box on.

SPECIFICATIONS

Product specifications may be changed without prior notice due to upgrade of product functions.

Television System		ATSC, NTSC-M, 64 & 256 QAM
Program Coverage		VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135, CADTV 1-135
External Antenna Impedance		75 Ω
Environment condition	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Storage Humidity	Less than 85 %

MODELS		STB-3000	
Dimensions (W x H x D)		221 x 28.5 x 175.2 (mm)	
		8.7 x 1.1 x 6.8 (inches)	
Weight		0.55 kg (1.2 lbs)	
Power requirement		19 V --- 2.1 A	
AC/DC Adapter		Manufacturer : Lien Chang Model : LCAP16B	
MODELS		STB-3500	STB-3501-UA
Dimensions (W x H x D)		357 x 36 x 201 (mm)	
		14 x 1.4 x 7.9 (inches)	
Weight		1.12 kg (2.4 lbs)	
Power requirement		19 V --- 2.1 A	
AC/DC Adapter		Manufacturer : Lien Chang Model : LCAP16B	

Wireless module (LGSBW41) Specifications			
Wireless LAN		Bluetooth	
Standard	IEEE 802.11a/b/g/n	Standard	Bluetooth Version 3.0
Frequency range	2400 to 2483.5 MHz 5150 to 5250 MHz 5725 to 5850 MHz	Frequency range	2400 to 2483.5 MHz
Output power (Max.)	802.11a: 11.5 dBm 802.11b: 11 dBm 802.11g: 10.5 dBm 802.11n - 2.4 GHz: 11 dBm 802.11n - 5 GHz: 12.5 dBm	Output power (Max.)	10 dBm or Lower
• Because the band channel used by the country could be different, the user can not change or adjust the operating frequency. This product is set for the regional frequency table. • This device should be installed and operated with minimum distance 20 cm (7.8 inches) between the device and your body. This phrase is for the general statement for consideration of user environment. • Contains FCC ID BEJLGSBW41 • Contains IC 2703H-LGSBW41			

HDMI (PC) supported mode

(For HDMI IN 1 and HDMI IN 2)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 350	31.468	70.09
720 x 400	31.469	70.08
640 x 480	31.469	59.94
800 x 600	37.879	60.31
1024 x 768	48.363	60.00
1152 x 864	54.348	60.053
1360 x 768	47.712	60.015
1280 x 1024	63.981	60.02
1920 x 1080	67.50	60.00

HDMI (DTV) supported mode

(For HDMI IN 1 and HDMI IN 2)

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 480p	31.469	59.94
	31.5	60
720 x 480p	31.469	59.94
	31.50	60.00
1280 x 720p	44.96	59.94
	45.00	60.00
1920 x 1080i	33.72	59.94
	33.75	60.00
1920 x 1080p	26.97	23.976
	27.00	24.00
	33.716	29.976
	33.75	30.00
	67.43	59.94
	67.50	60.00

LIMITED WARRANTY

WHAT THIS LIMITED WARRANTY COVERS:

Your LG HD Commercial Interface Set-Top-Box ("Product") will be repaired or replaced, at LG's option, if it proves to be defective in material or workmanship under normal and manufacturer suggested use during the Limited Warranty period ("Warranty Period") listed below, effective from the date of original purchase or delivery ("Purchase Date") of the Product, whichever is later. This Limited Warranty is exclusively for the benefit of the original purchaser ("Purchaser" or "You") and cannot be transferred or assigned, and is valid only when purchased and used within the U.S.A., Puerto Rico, and any U.S. territories.

LIMITED WARRANTY PERIOD:

Parts and labor: Two (2) years from the original Purchase Date or Delivery, whichever occurs later.

Note:

- 1. Replacement Product and repair part(s) may be new, reconditioned, refurbished, or otherwise factory remanufactured and any replacement Product or part(s) is warranted for the remaining portion of the original Warranty Period or for ninety (90) days, whichever is greater.
- 2. Replaced Product or part(s) under this Limited Warranty will become the property of LG.

HOW TO OBTAIN WARRANTY SERVICE & ADDITIONAL INFORMATION:

Please call 1-888-865-3026 between 8:00 AM to 6:00 PM, Central Standard Time, Monday through Friday, excluding holidays, or visit our website at www.lgcommercial.com, or mail to LG Electronics B2B Commercial Display SVC team, P.O. Box 240007, 201 James Record Road, Huntsville, Alabama 35813.

Please have Product model number, serial number, dealer's dated bill of sale or delivery ticket available as evidence of Purchase Date for proof of warranty.

HOW WARRANTY SERVICE IS HANDLED:

To obtain warranty service, please contact LG for troubleshooting or to obtain information on service procedures. You will be informed of the details of obtaining service which may include delivery of the Product, inbound and outbound freight paid by LG, in either its original packaging or packaging affording an equal degree of protection, to LG or an LG authorized service center. LG does not warrant or guarantee that there will be no risk or loss of program data during Product repair or replacement. Under some circumstances, you may be asked to provide credit card information for advanced shipment or cost of unreturned loaner product. To ensure proper credit and avoid any unnecessary charges, you must obtain Return Authorization before returning Product to LG or an LG authorized service center.

LIMITATION OF WARRANTY SCOPE:

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INDIRECT, STATUTORY, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, LOSS OF GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, PRODUCT FAILURE, IMPAIRMENT OF OTHER GOODS, COSTS OF INSTALLATION, REMOVAL OR REINSTALLATION OF THE PRODUCT, LOSS OF USE, INJURY TO PERSONS OR PROPERTY ARISING OUT OF OR RELATED TO THE PRODUCT. LG'S TOTAL LIABILITY, IF ANY, DAMAGES OR OTHERWISE, SHALL NOT EXCEED THE INVOICE VALUE PAID BY THE PURCHASER FOR THE PRODUCT OR SERVICE(S) FURNISHED, WHICH IS THE SUBJECT OF A CLAIM OR DISPUTE.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO PRUCHASER. THIS LIMITED WARRANTY GIVES THE PURCHASER SPECIFIC LEGAL RIGHTS; PRUCHASER MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

THIS LIMITED WARRANTY DOES NOT APPLY TO:

The cost of repair or replacement of Products under the circumstances listed below shall be borne by the Purchaser.

- Damage to or failure of Product caused in shipping or transit;
- Service required as a result of improper installation or reinstallation, including incorrect or insufficient AC supply (please consult the Owner's Manual for power supply requirements);
- Cost of set up or adjustment of the Product or damage caused by improper adjustments;
- Damage or failure caused by other system components or by connecting the Product to external devices;
- Product that has been modified or incorporated into any other product;
- Installation or repair of antenna systems, cable converters, equipment supplied by the cable company, or other components in any other video system;
- Operation failure caused by issues with reception resulting from inadequate home antenna or faulty antenna connections, or computer software.
- Operation of the Product in abnormal conditions or in an environment where the temperature or humidity is not within the acceptable range as specified in the Owner's Manual;
- Damage or loss to software programs, data, or removable storage media;
- Minor imperfections within design specifications that do not materially alter or affect functionality;
- Damage (including cosmetic damage), deterioration, malfunction, loss or personal injury due to misuse, abuse, negligence, improper maintenance or storage, or to acts of nature or other causes beyond LG's control (Causes beyond LG's control include, but are not limited to, lightning strike, power surges, power outages, or water damage.);
- Damage or failure caused by service performed by someone other than an LG technician or an LG authorized service technician;
- Product purchased or used outside the U.S.A., Puerto Rico, and other U.S. territories;
- Product where the original factory serial numbers have been removed, defaced, or changed in any way;
- Product sold and labeled as "AS IS", "WITH ALL FAULTS" or similar disclaimer, including replacement of missing parts or accessories, or purchased through an unauthorized online seller;
- Consumable parts or accessories such as remote control, fuses, and batteries; or
- Use of the Product contrary to the instructions outlined in the Owner's Manual.



Declaration of Conformity

Trade Name: LG

Model: STB-3000, STB-3500,
STB-3501-UA

Responsible Party: LG Electronics Inc.

Address: 1000 Sylvan Ave.
Englewood Cliffs NJ 07632
U.S.A

TEL: 201-266-2534

LG Customer Information Center

For inquiries or comments, visit www.lg.com or call;

1-888-865-3026

USA, Commercial User

1-888-542-2623

CANADA

The model and serial numbers of the product are located on the back and on one side of the product. Record them below should you ever need service.

MODEL _____

SERIAL _____

