APPENDIX G

: USER'S MANUAL

EUT Type: DLP PROJECTOR

FCC ID.: BEJPG65UJE

LG

Life's Good

Owner's Manual

DLP PROJECTOR

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

PG65U

www.lg.com

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.

ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. . This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

"DivX Certified® to play DivX® video up to HD 1080p, including premium content."

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"Covered by one or more of the following U.S. patents : 7,295,673; 7,460,668; 7,515,710; 7,519,274"

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.

This device meets the EMC requirements for home appliances (Class B) and is intended for home usage. This device can be used in all regions.

NOTE
- Image shown may differ from your projector.
- Your projector's OSD (On Screen Display) may differ slightly from that shown in this manual.

SAFETY INSTRUCTIONS

Please take note of the safety instructions to prevent any potential accident or misuse of the projector.

- Safety precautions are given in two forms, i.e. Warning and Caution as detailed below.

   ⚠ **WARNING**: Failure to follow the instructions may cause serious injury and even death.
   ⚠ **CAUTION**: Failure to follow the instructions may cause injury to persons or damage to the product.

- Read the owner's manual carefully and keep it to hand.

WARNING/CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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

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.

Indoor Installation

⚠ **WARNING**

- Do not place the projector in direct sunlight or near heat sources such as radiators, fires, stoves, etc.
  - This may cause a fire.
- Do not place flammable materials such as aerosols near the projector.
  - This may cause a fire.
- Do not allow your children to cling to or climb up to the projector.
  - The projector may fall down and cause personal injury or death.
- Do not place the projector directly on a carpet, rug or place where ventilation is restricted such as a book shelf or closet.
  - This may cause the projector's internal temperature to rise and cause a fire.
- Do not place the projector close to sources of steam or oil such as a humidifier or kitchen counter.
  - This may cause a fire hazard or an electric shock.

- Do not place the projector where it might be exposed to excessive dust.
  - This may cause a fire.
- Do not use the projector in a damp place such as a bathroom where it is likely to get wet.
  - This may cause a fire or an electric shock.
- Do not allow a tablecloth or curtain to block the vents.
  - This may cause the internal temperature of the projector to rise and cause a fire.
- The distance between the projector and the wall should be more than 30 cm for ventilation purposes.
  - Otherwise, this may cause the internal temperature of the projector to rise and cause a fire.

⚠ CAUTION

- When installing the projector on a table, be careful not to place it near the edge.
  - The projector may fall causing injury to persons or damage to the projector. Make sure that you use a stand suitable for the size of projector.
- Turn off the projector, disconnect the power supply and remove all connections before moving the projector.
  - A damaged cord may cause a fire or an electric shock.
- Do not install the projector on an unstable or vibrating surface such as a vibrating shelf or tilted surface.
  - It may fall and cause injury.
- Be careful not to tip the projector over when connecting external devices to the projector.
  - This may cause injury to persons or damage to the projector.

Power

⚠ WARNING

- The earth wire should be connected.
  - Inappropriate earth grounding may cause damage to the projector or an electric shock when there is an electrical surge.
  If the projector must be installed at a place where earth grounding is not possible, purchase a circuit breaker and connect the projector to its wall outlet.
  Do not ground the projector to the gas pipe, water pipe, lightning rod, or telephone line, etc.
- The power plug should be fully inserted into the wall outlet.
  - Unstable connection may cause a fire.
- Do not place heavy objects on the power cord or place the cord underneath the projector.
  - This may cause a fire or an electric shock.
- Never touch the power plug with a wet hand.
  - This may cause an electric shock.
- Do not connect too many devices to the same power extension.
  - Overheating may cause a fire.
- Remove dust or contaminants around power plug pins or wall outlets.
  - This may cause a fire.
- To turn off the main power, remove the power plug, which should be positioned so it is easy to access for operation.

⚠ CAUTION

- Hold the plug firmly when unplugging.
  - A broken wire in the cord may cause a fire.
- Ensure the power cord or plug is not damaged, modified, severely bent, twisted, pulled, sandwiched or heated. Do not use a loose wall outlet.
  - This may cause a fire or an electric shock.
- Keep the power cord away from any heating devices.
  - The cord coating may melt and cause an electric shock.
- Place the projector where people will not trip over or tread on the power cord or plug to protect the power cord and plug from any damage.
  - This may cause a fire hazard or an electric shock.
- Do not turn the projector on or off by plugging in the power plug or unplugging it from the wall outlet. (Do not use the power plug as a switch.)
  - This may cause an electric shock or damage to the projector.
- Do not insert a conductor into the other side of the wall outlet while the power plug is inserted into the wall outlet.
  In addition, do not touch the power plug immediately after it is disconnected from the wall outlet.
  - This may cause an electric shock.
- Use only the official power cord which is provided by LG Electronics, Inc. Do not use other power cords.
  - This may cause a fire or an electric shock.

When in Use

⚠ WARNING

- Do not place anything containing liquid, such as a vase, flowerpot, cup, cosmetics, chemicals, decorations or candles, etc., on top of the projector.
  - Possible fire, electric shock, or falling may cause physical injury.
- In the event that there is a big impact to the projector or the cabinet is damaged, switch it off, unplug it from the wall outlet and contact an authorized service center.
  - Otherwise, this may cause a fire or an electric shock.
- Do not insert pieces of metal such as coins, hairpins or metal debris, nor flammable materials such as paper or matches into the projector.
  - This may cause a fire or an electric shock.
- In the event that liquid or a foreign object falls into the projector, please switch it off and unplug it from the wall outlet and contact an LG Electronics Service Center.
  - Otherwise, this may cause a fire or an electric shock.
- When replacing a battery of the remote control, make sure a child does not swallow the battery. Keep the battery out of reach of children.
  - In the case of a battery being swallowed by a child, please consult a doctor immediately.
- Do not remove any covers except for the lens cap. There is a high risk of electric shock.

- Do not look directly into the lens when the projector is in use. The strong light may damage your eyes.
- When the lamp is on or has just been turned off, avoid touching the air vent or lamp because these will be very hot.
- If there is a gas leak, do not touch the wall outlet. Open the window for ventilation.
  - A spark may cause a fire or burn.
- Never touch the projector or power cord during thunder or lightning.
  - This may cause an electric shock.
- Do not use the projector near an electronic device which generates a strong magnetic field.
- Store the vinyl envelope used to pack the projector in a safe place away from children.
  - It could cause suffocation if used improperly.
- Do not use 3D glasses if you do not watch 3D.
- Do not keep your hand on the projector for a long time when it is running.
- When you play a game by connecting a game console to a projector, it is recommended that you maintain a distance of more than four times the diagonal length of the screen.
- Make sure that the length of connecting cable is long enough. Otherwise, the product may fall causing personal injury or damage to the product.

⚠ **CAUTION**

- Do not place a heavy object on the projector.
  - It may fall down and cause physical injury.
- Be careful to prevent the lens from heavy impact during transportation.
- Do not touch the lens. The lens may be damaged.
- Do not use any sharp tools on the projector such as a knife or hammer, because this may damage the casing.
- In the event that no image appears on the screen, switch the projector off, unplug it from the wall outlet and contact an authorized service center.
  - Otherwise, this may cause a fire or an electric shock.
- Do not drop an object onto the projector or apply heavy pressure to it.
  - This may cause injury to persons or damage to the projector.
- The distance between your eyes and the screen must be around 5 - 7 times the diagonal length of the screen.
  - If you watch the screen at a close distance for a long time, your eye sight may become worse.

Cleaning

⚠ WARNING

- Do not spray the projector with water when cleaning. Do not allow water to go into the projector or do not allow it to get wet.
  - This may cause a fire or an electric shock.
- When there is smoke or a strange smell coming out from the projector or a foreign object falls into the projector, please switch it off and unplug it from the power outlet and contact an LG Electronics Service Center.
  - If not, this may cause a fire or an electric shock.
- Use an air spray or soft cloth or cotton swab moistened with a lens cleaning chemical or alcohol to remove dust or stains on the front projection lens.

⚠ CAUTION

- Contact your seller or the Service Center once a year to clean the internal parts of the projector.
  - If you do not clean the contaminated interior of the projector for a long time, there may be a fire or damage to the projector.
- When cleaning plastic parts such as the projector case, unplug the power first and wipe with a soft cloth. Do not spray with water or wipe with a wet cloth. When cleaning the plastic parts, such as the projector case, do not use cleanser, automobile or industrial shiner, abrasive or wax, benzene, alcohol, etc., which can damage the product.
  - This can cause fire, electric shock or product damage (deformation, corrosion and damage).

OTHERS

⚠ WARNING

- Only a qualified technician can disassemble or modify the projector. For inspection, adjustment, or repair, contact your seller or the Service Center.
  - Otherwise, this may cause a fire or an electric shock.
- Dispose of the used battery properly.
  - Otherwise, this may result in explosion or fire.
- The correct method of disposal may vary depending on your country or region. Dispose of the battery pack according to the appropriate instructions.
- Do not throw or disassemble the battery.
  - Otherwise, this may result in fire or explosion due to damage to the battery.
- Always use batteries approved and certified by LG Electronics.
  - Otherwise, this may result in fire or explosion.
- Store the battery away from metallic objects, such as keys and paper clips.
- Excess current may cause a rapid increase in temperature, resulting in fire or burns.
- Do not store the battery near any heat source, such as a heater.
  - This may result in fire or damage the product.
- Do not store it at temperatures higher than 60 °C or in high humidity.
- Keep the battery out of reach of children.
  - This may result in personal injury or damage to the product.

- Make sure that the battery is installed correctly.
- Incorrect battery replacement may cause fire.

⚠ CAUTION

- Unplug the power cord if the projector is not used for a long period.
  - Accumulated dust may cause overheating, an electric shock from corroded insulation and a fire from an electrical surge.
- Only use the specified type of battery.
  - Otherwise, this may cause an electric shock caused by overheating and leakage.

ANTENNA

Outdoor Antenna Grounding

- If an outdoor antenna is installed, 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 in 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. Section 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

Antenna Lead in Wire

Ground Clamp

Electric Service Equipment

Ground Clamp

Antenna Discharge Unit (NEC Section 810-20)

Grounding Conductor (NEC Section 810-21)

Power Service GroundingElectrode System (NEC Art 250, Part H)

NEC: National Electrical Code
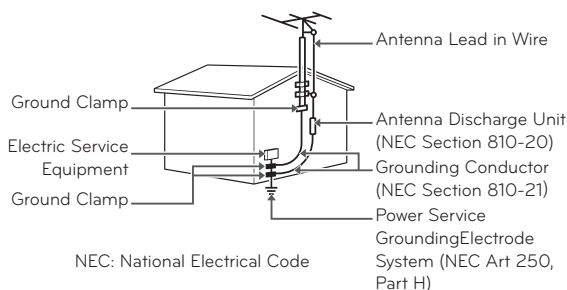
FCC NOTICE

Warning - Class B
(b) For a Class B Digital device or peripheral, the instructions furnished the user shall include the following or similar statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
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.

IC (CANADA)

Industry Canada Statement:
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.

Avis d'Industrie Canada :
Cet appareil est conforme à la norme CNR-210 des règlements d'Industrie Canada. Son fonctionnement
est sujet aux deux conditions suivantes :
1) Cet appareil ne doit pas provoquer d'interférences et
2) Cet appareil doit accepter toutes les interférences, y compris celles pouvant entraîner son dysfonctionnement.

IC Radiation Exposure Statement:
This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

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.

Avis d'Industrie Canada sur l'exposition aux rayonnements
Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé.
REMARQUE : LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIT ANNULER L'AUTORISATION ACCORDÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL.

Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream through designated collection facilities appointed by your government or your local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Disposal of waste batteries/accumulators

1. When this crossed-out wheeled bin symbol is attached to batteries/accumulators of Your product it means they are covered by European Directive 2006/66/EC.
2. This symbol may be combined with chemical symbols for mercury(Hg), cadmium(Cd) or lead(Pb) if the battery Contains more that 0.0005 % of mercury, 0.002 % of cadmium or 0.004 % of lead.
3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
4. The correct disposal of Your old batteries/ accumulators will help to prevent potential negative consequences for the environment, animal and human health.
5. For more detailed information about disposal of Your old batteries/accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product.

For USA

NOTE TO CABLE/TV INSTALLER

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.
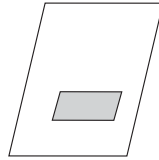
Contents

PREPARATION

Accessories

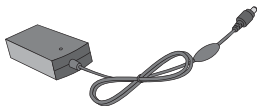Check enclosed accessories.
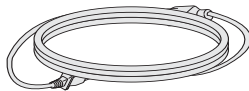The picture may be different from an actual product.
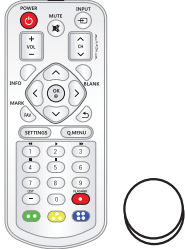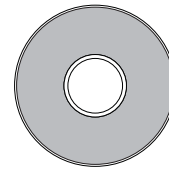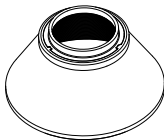
Remote Control
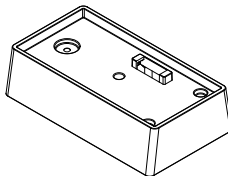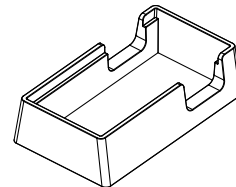Coin Battery
(CR 2032)

Owner's Manual
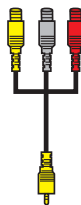
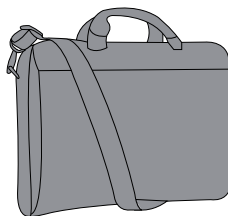RF Cable

Adapter

Power Cord

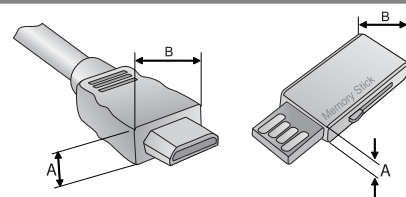Owner's Manual CD

Hood

Battery

Cradle

Composite video cable

Bag

- When connecting a cable to the HDMI or USB port, it may not be connected properly if the size of jack to the USB/HDMI port is too big. Use a standard sized jack.
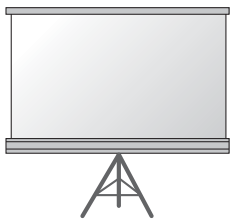
A≦10mm , B≦24mm

Optional Extras

To purchase optional extras, visit an electronics store or online shopping site or contact the retail store where you purchased the product.
Without prior notice, optional extras are subject to change in order to improve the performance of the product, and new accessories may be added.

Projector Screen

Tripod

HDMI Cable

Video Cable

Audio Cable

MHL Cable

RGB to Component Cable

Component Cable

Parts and Components

* The projector is manufactured using high-precision technology. You may, however, see tiny black dots and/or bright colored dots (red, blue or green) that continuously appear on the projector screen. This is a normal result of the manufacturing process and does not indicate a malfunction. When powered on, the LED of the control panel turns on.
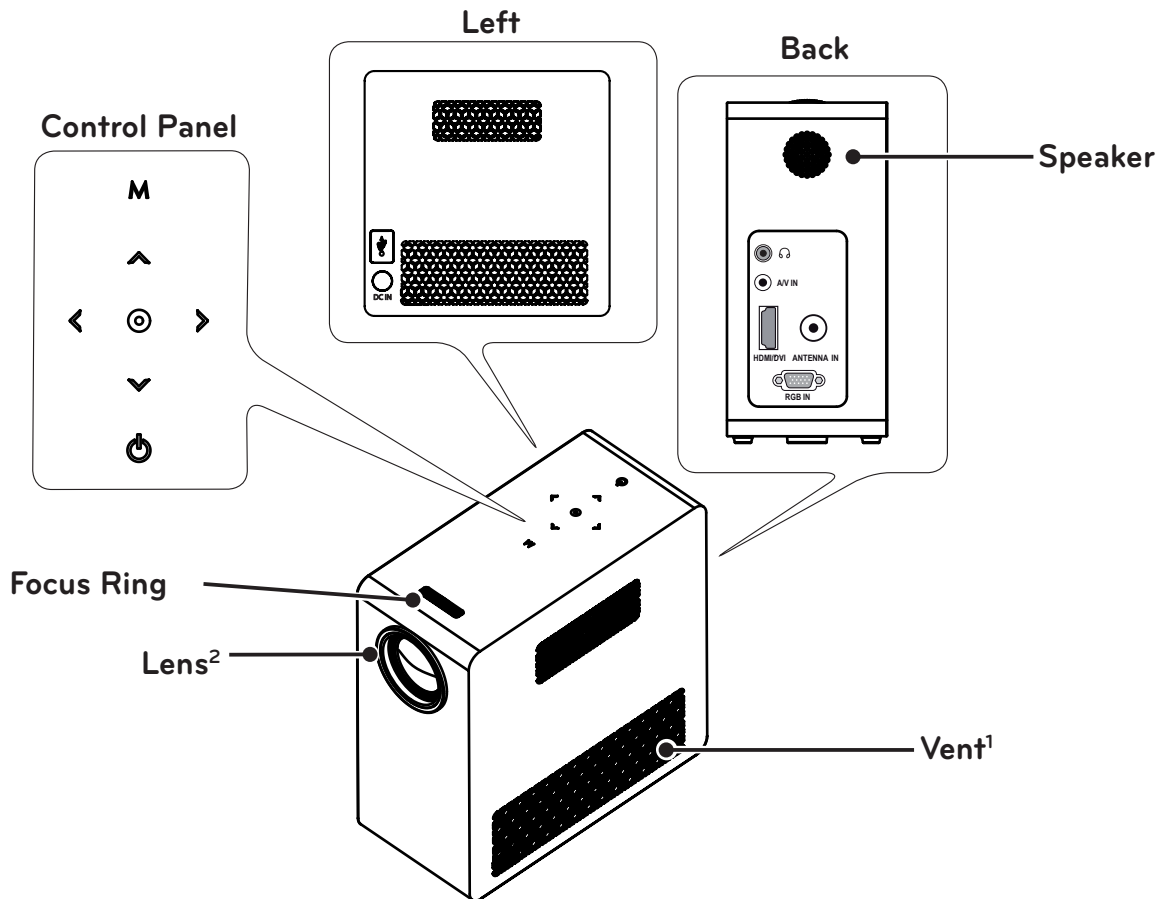
Button	Description
⏻ (Power)	Turns the projector on or off.
M (Menu)	Selects or closes menus.
⌃ , ⌄ ,	Sets the function or moves the cursor.
◉ (OK)	Checks present mode and saves function changes.

1 Due to the high temperature air coming out of the vents, do not get close to the vents.

2 Do not touch the lens when using the projector. The lens may be damaged.
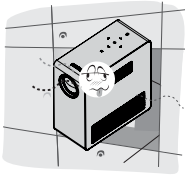
Installation

Installation Precautions

- **Place the projector in a well-ventilated environment.**

  - To prevent internal heat from building up, install the projector in a well-ventilated place.
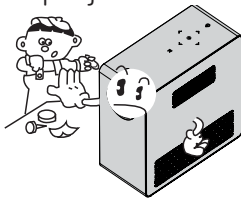   Do not place anything near the projector as this may block the air vents. If the air vents are blocked, the internal temperature will increase.
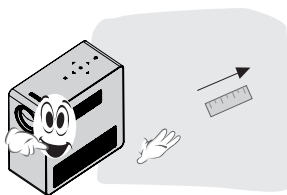

  - Do not place the projector on a carpet or rug. Do not block any vents on the bottom and use the projector on a leveled solid surface.
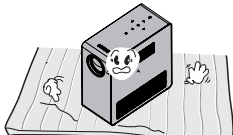
  - Be sure to prevent foreign objects such as paper debris from entering the projector.


  - Leave an adequate open area (30 cm or more) around the projector.

- Do not place the projector in a hot or humid environment.
  - Do not place the projector in a hot, cold, or humid environment.
- Do not place the projector in a place where it will easily attract dust.
  - This may cause a fire.
- Do not remove any covers except for the lens cap. There is a high risk of electric shock.
- The projector is manufactured using high-precision technology. You may, however, see tiny black dots and/or bright colored dots (red, blue or green) that continuously appear on the projector screen. This is a normal result of the manufacturing process and does not indicate a malfunction.
- The remote control may not work in an environment where a lamp equipped with electronic ballasts or a three-wavelength fluorescent lamp is installed. Replace the lamp with an internationally standardized lamp for the remote control to work normally.

Connecting an adapter
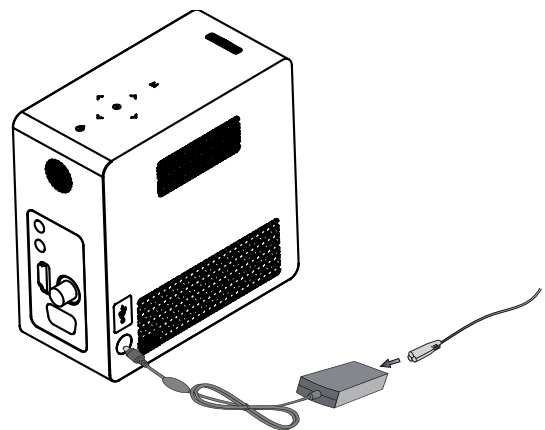
Connect the DC adapter plug to the power input jack on the projector.

Projection Distance per Screen Size

1 Place the projector on a sturdy, level surface, together with the PC or audio/video source.

2 Place the projector at an appropriate distance from the screen. The distance between the projector and the screen determines the actual size of the image.

3 Position the projector so that the lens is set at a right angle to the screen. If the projector is not set at a right angle, the image on the screen will be tilted and the image quality will be poor. If the screen image is crooked, use the Keystone function.

4 Connect the power cords of the projector and the connected devices to the wall outlet.

Ratio of upward projection: 100 %
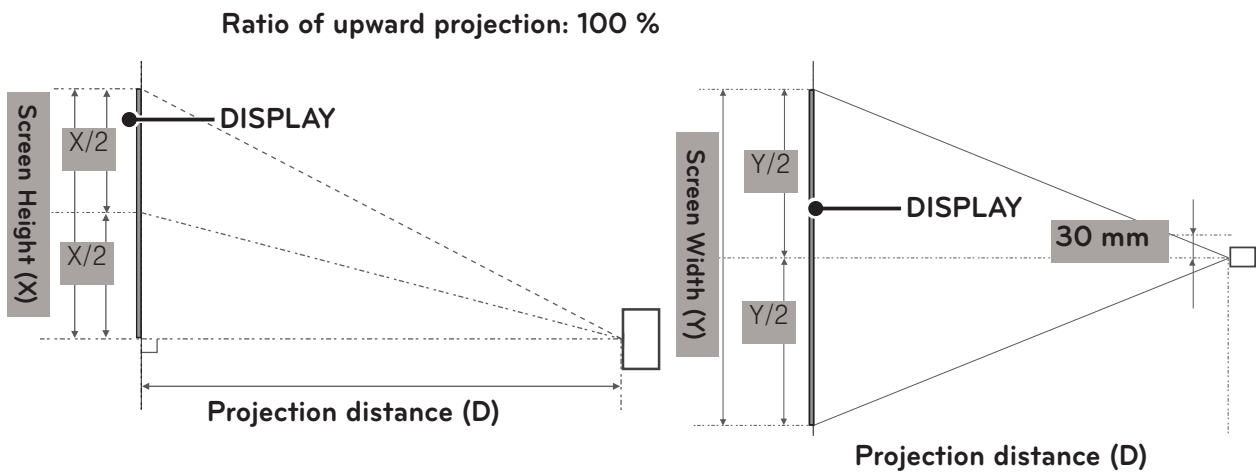
16:10 Screen			
Screen Size (mm)	Screen Width (Y) (mm)	Screen Height (X) (mm)	Projection Distance (D) (mm)
635	538	337	803
762	646	404	966
889	754	471	1130
1016	861	539	1293
1143	969	606	1456
1270	1077	673	1619
1397	1185	741	1783
1524	1292	808	1946
1651	1400	875	2109
1778	1508	943	2272
1905	1615	1010	2436
2032	1723	1077	2599
2159	1831	1145	2762
2286	1938	1212	2925
2413	2046	1279	3089
2540	2154	1347	3252

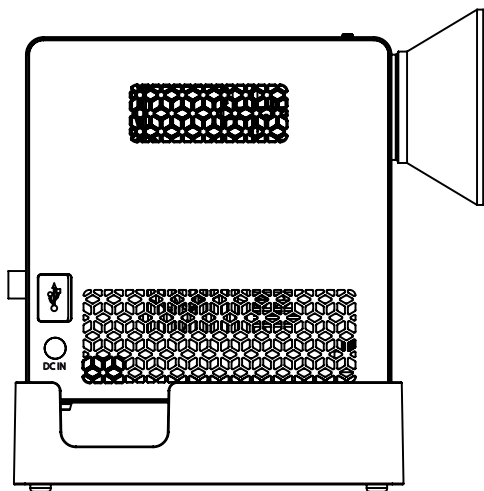## Using the Lens Hood

Turn the lens hood as shown by the arrow.
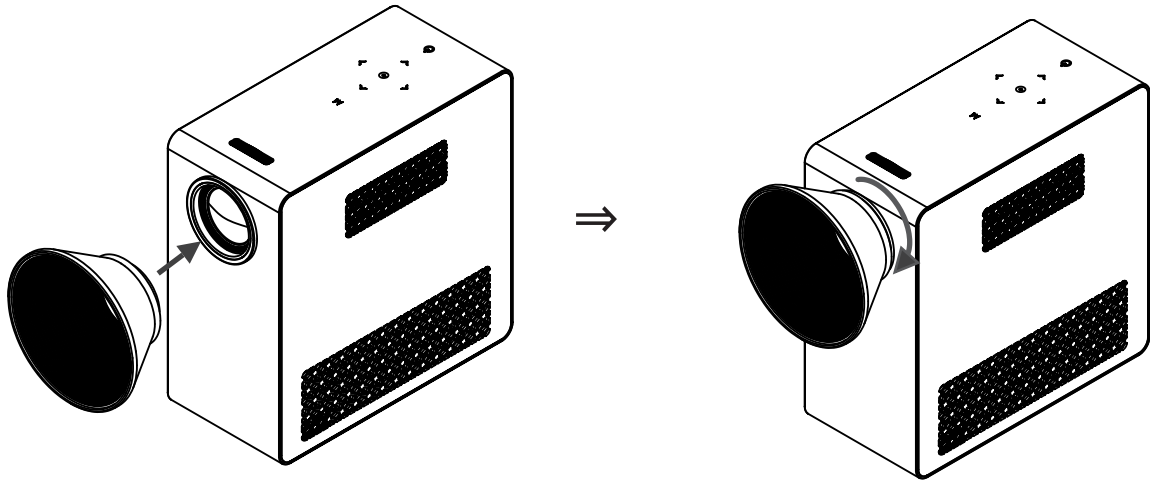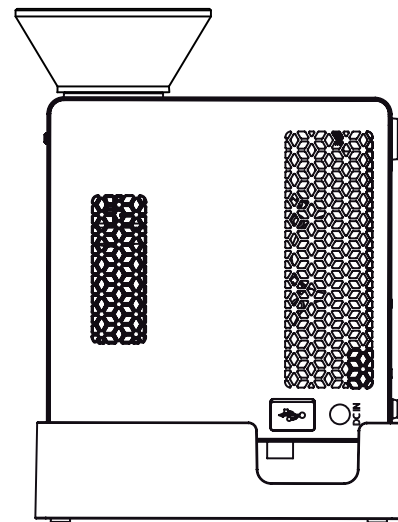

> **! NOTE**
> • 악세사리 HOOD 장착시 밀착된 이후 과다한 힘을 가할시 파손의 위험이 있습니다.

Using the Cradle scene

Normal Scene   Top Scene
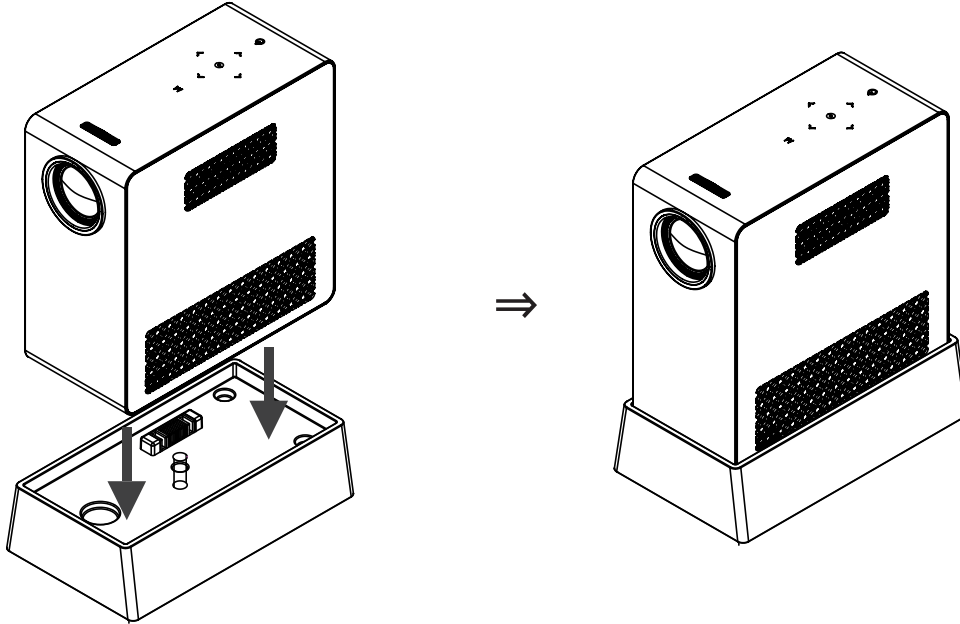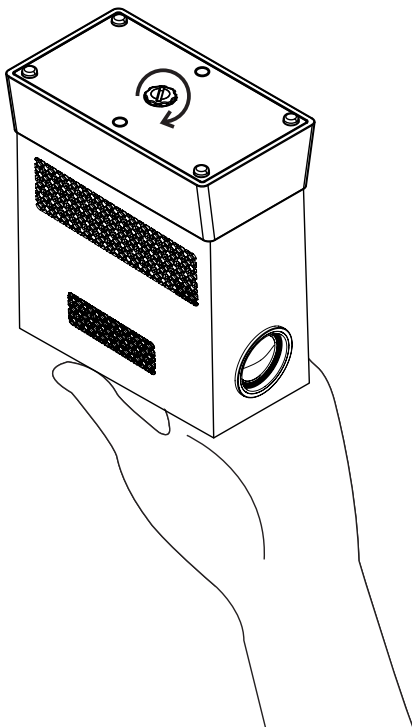
> **! NOTE**
> • 천정투사시에는 제공된 Angle형 ANT 케이블과 USB 만 사용 가능합니다.

Connecting a battery

1. Assemble the projector as shown.

⇒

2. Turn the knob as shown by the arrow.

How to Install the Projector On a Tripod

- You can install this projector on a camera tripod as shown below.
- When stabilizing the tripod, we recommend using a locking bolt of standard size 4.5 mm or less. The maximum size allowed for the locking bolt is 5.5 mm. (If it is longer than the maximum allowed size, it may damage the projector.)

Bottom side of the projector

Bolt used to attach the projector

+

⇒

The projector is connected to this part.

Tripod
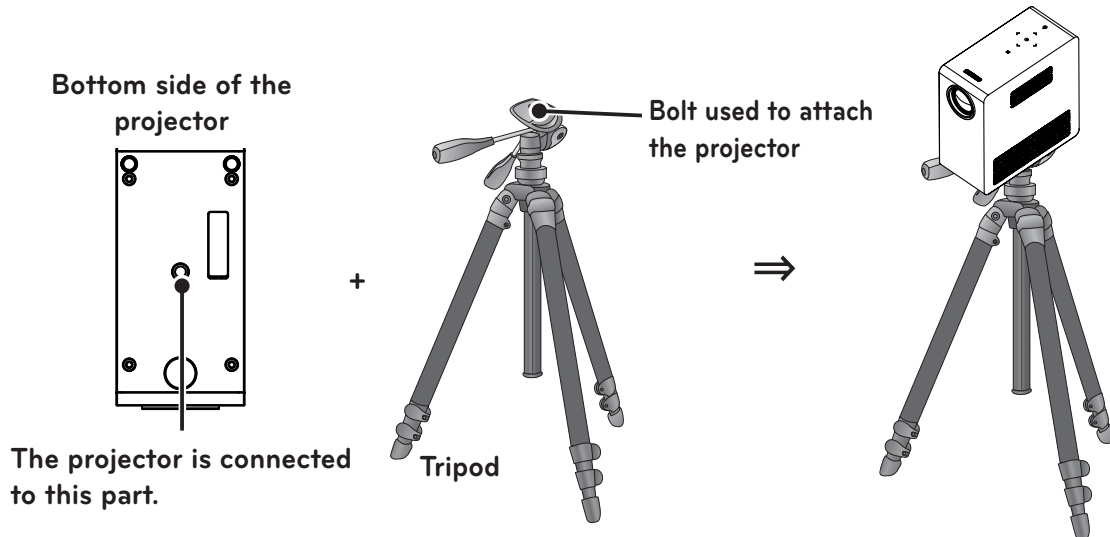
Kensington Security System

- This projector has a Kensington Security System Connector on the panel. Connect a Kensington Security System cable as below.
- For detailed installation and use of the Kensington Security System, refer to the user's guide included with the Kensington Security System set.
- The Kensington Security System is an optional item.
- What is Kensington?
  Kensington is a company that sells security systems that prevent expensive electronic equipment such as a computer or laptop from being stolen.
  Internet Homepage: http://www.kensington.com
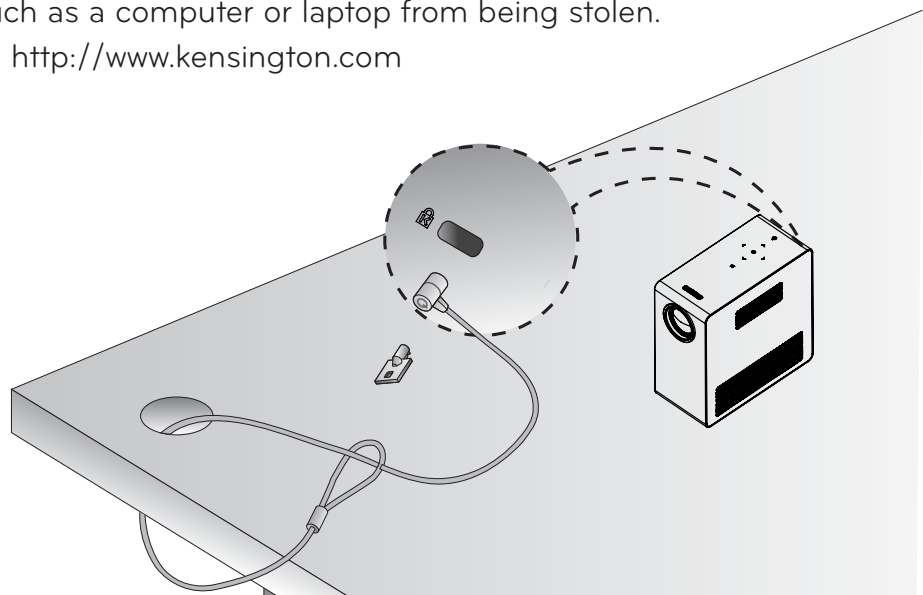
REMOTE CONTROL

Open the battery cover on the back of the remote control and insert the specified batteries as per instructions ⊕⊖. The same type of batteries must be used.
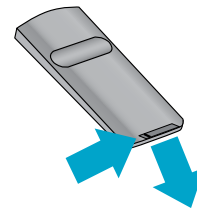
POWER
Turns the projector on or off.
INPUT
Changes the input source.
MUTE
Mutes all sounds.
VOL +, -
Adjusts the volume level.
CH   ,
Changes the channel or page.
PAGE
Moves to the previous/next page.

INFO
Views the information of the current program and screen.
BLANK
Turns the projector screen on or off.
Up/Down/Left/Right Buttons
Sets the function or moves the cursor.
OK ◉
Checks present mode and saves function changes.
MARK
Allows you to select optional functions.
FAV
Accesses your favorite channel list.
↰
Returns to the previous level.
SETTINGS
Selects or closes menus.
Q.MENU
Accesses the quick menu.
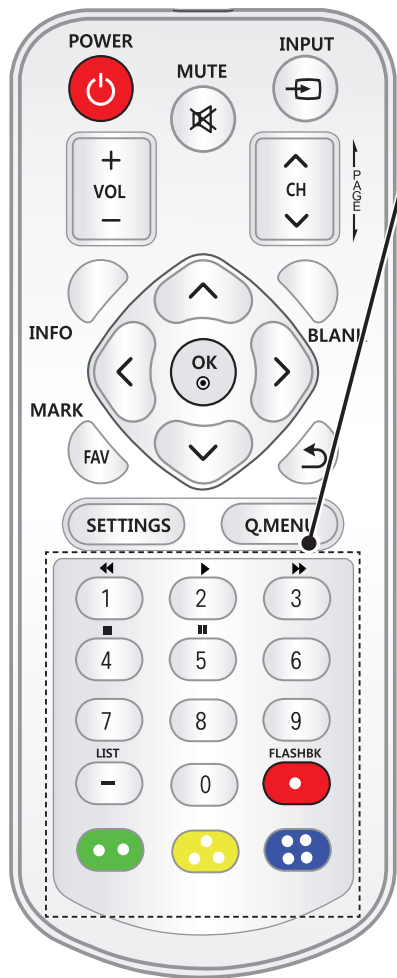
Number buttons

Enter a number.

Playback Control Buttons

Controls playback of **USB** mode.

LIST

Accesses the saved channel list.

- (Dash)

Inserts a dash between numbers such as 2 - 1 and 2 - 2.

FLASHBK

Tunes to the last channel viewed.

Color buttons

Access special functions in some menus.

NOTE

- When using the remote control, the optimal remote range is less than 3 meters (left/right) and within a 30 degree arc of the IR receiver.
- For seamless operation, do not block the IR receiver.
- When you carry the remote control in the portable bag, make sure that the buttons on the remote control are not pressed by the projector, cables, documents or any other accessories in the bag. Otherwise, it may significantly reduce the battery life.

30 ° 30 °
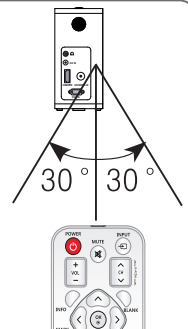
Using the PROJECTOR

Connecting to an Antenna or Cable

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

Connecting an Antenna or Basic Cable

Connect the projector to a wall antenna socket with an RF cable (75 Ω).
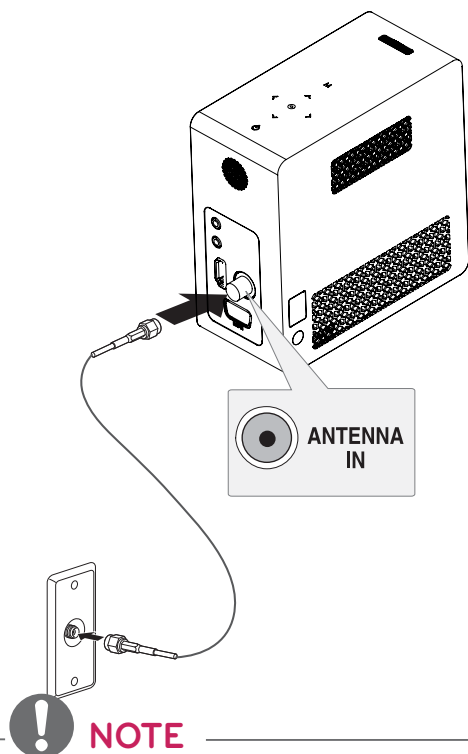
ANTENNA IN

> **NOTE**
>
> • Use a signal splitter to use more than 2 projectors.
> • Visit http://lgknowledgebase.com for more information about the antenna and cable connection. Search for antenna.

Connecting a Cable Box

Connect the projector to a cable box and the cable box to a wall antenna socket with 2 RF cables (75 Ω).

ANTENNA IN

IN   OUT
Cable Box
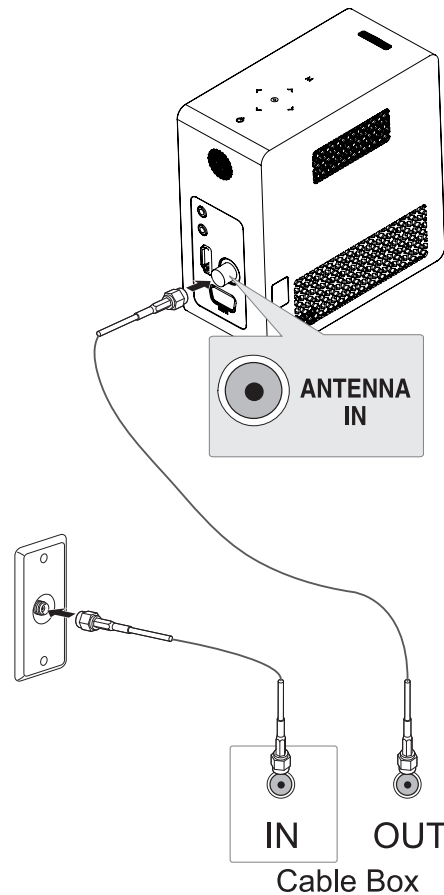
> ⚠ **CAUTION**
>
> • Make sure not to bend the copper wire of the RF cable.
>
> **Copper wire**
>
> Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your projector.

Battery using time information

Status	Time and Display
Charging	About 3 hours
Standard Usage Hours	About 2 hour (Available battery using time approximately 1 hour 30 mins when Energy Saving mode set to Max)
Battery Level Indicator	Step 1 Step 2 Step 3 Step 4[3]

1. The battery is automatically recharged when the Projector is connected to a power supply.

* Charge the battery fully when you first use the Projector.
* The battery Standard usage time given in the manual is based on measurements taken by LG; the actual time may vary depending on usage.
* Battery usage time may vary depending on broadcast type, operating temperature, period of use and user preferences.
* As the battery is consumable, its lifetime gradually decreases. When the battery's life is reduced by half, replace it with a new battery from an LG Electronics customer center.
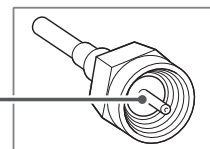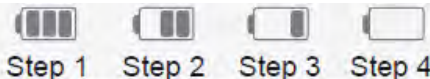* In battery mode, Energy saving mode is disabled.
* Do not charge the battery using any equipment other than that supplied with the product. This may damage the battery or cause a fire.
* Dispose of the used battery appropriately. Failure to do so may result in an explosion or fire. Methods for disposing of batteries vary depending on your country or region. Ensure the battery is disposed of in accordance with applicable laws and regulations.
* Do not throw or disassemble the battery. Damage to the battery may result in fire or an explosion.
* Always use a battery that is approved and certified by LG Electronics, Inc. Failure to do so may result in an explosion or fire.
* Store the battery away from metallic objects, such as keys and paper clips. Overcurrent may cause a rapid increase in temperature, resulting in fire or burns.
* Do not store the battery near any heat source, such as a heater. This may cause a fire or malfunction.
* Do not store the battery in temperatures higher than 60°C or in a humid place. Failure to do so may result in an explosion or fire.
* Keep away from children. Failure to do so may result in personal injury and damage to the product.
* Make sure that the battery is connected correctly. Failure to do so may result in an explosion or fire.
* If the battery leaks or smells, remove it from the Projector immediately and contact an LG Electronics customer centre.
* The battery contains lithium-ion, so please handle with care. Failure to do so may result in an explosion or fire.
* Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

> **NOTE**
>
> • Projector를 장기간 사용하지 않을시에는 배터리를 Projector에서 분리하여 보관해 주세요
> • 배터리를 장기간 보관시에는 40~50%정도 충전 후 보관하는 것이 좋습니다

Watching the Projector

Turning on the Projector

1 Connect the power cord correctly.

2 After waiting for a moment, press the **POWER** button on the remote control or the control panel.
(The light on the control panel will be turned on.)

3 In the Language Selection screen, select a language.

4 Select an input signal by using the **INPUT** button on the remote control.

Focus and Position of the Screen Image

When an image appears on the screen, check if it is in focus and fits the screen properly.
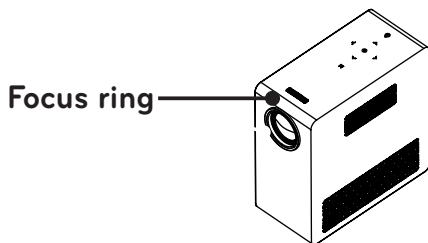
Focus ring

- To adjust the focus of the image, rotate the focus ring.

Watching the Projector

1 In Standby mode, press the **POWER** button to turn the projector on.

2 Press the **INPUT** button and select the input signal you want.

3 Control the projector using the following buttons while watching projector.

Button	Description
CH ,	Scrolls through saved channels.
LIST	Selects a channel on the saved or recent watched channel list.
0 - 9	Selects a channel by entering numbers.
VOL -, +	Adjusts the volume level.
MUTE	Mutes all sounds.
Q.MENU	Accesses the quick menu.
FLASHBK	Alternates between the last two channels selected.

4 To turn the projector off, press the **POWER** button.

Managing Channels

Setting Up Channels

Storing Channels

To store channels automatically,

1 Press **MENU** to access the menu.

2 Press the Navigation buttons to scroll to **CHANNEL** and press **OK**.

3 Press the Navigation buttons to scroll to **Auto Tuning** and press **OK**.

4 Select **Start** to start automatic tuning. The projector scans and saves available channels automatically.

5 When you are finished, press **SETTINGS**.

To store channels manually,

1 Press **MENU** to access the menu.

2 Press the Navigation buttons to scroll to **CHANNEL** and press **OK**.

3 Press the Navigation buttons to scroll to **Manual Tuning** and press **OK**.

4 Scroll through the channel types, and then add or delete channels.

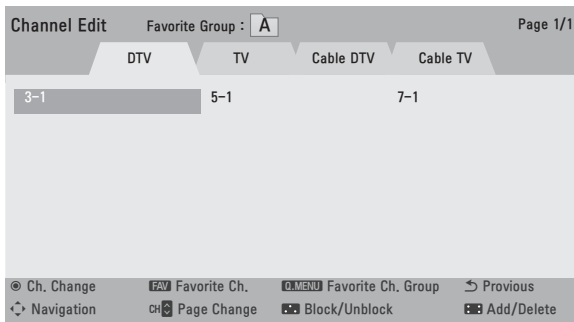**5** When you are finished, press **SETTINGS**.

NOTE

- If the projector scans a blocked channel, you will be prompted to enter your password to keep the channel scanned.

- You can store up to 1000 channels. The number of channels that you can store differs depending on the broadcasting signal environment.

- The channels are stored in the order of DTV, TV, Cable DTV and Cable TV.

Editing Your Channel List

1 Press **MENU** to access the menu.

2 Press the Navigation buttons to scroll to **CHANNEL** and press **OK**.

3 Press the Navigation buttons to scroll to **Channel Edit** and press **OK**.

4 Edit channels using the following buttons.

```
Channel Edit    Favorite Group : A            Page 1/1
         DTV        TV      Cable DTV   Cable TV
  3-1              5-1              7-1

◉ Ch. Change    FAV Favorite Ch.   Q.MENU Favorite Ch. Group   ↩ Previous
◇ Navigation    CH Page Change     Block/Unblock              Add/Delete
```

Button	Description
OK	Selects the highlighted channel to view.
, , ,	Scrolls through channel types or channels.
FAV	Adds a favorite channel list.
CH	Moves to the previous or next page.
Q.MENU	Changes the favorite group.
Yellow	Block or unblock a channel.
Blue	Adds or deletes a channel. The deleted channel displays in blue.

5 When you are finished, press **SETTINGS**.

Favorite Channel Setup

1 Press **CH** or Number buttons to access to select your desired channel.

2 Press **FAV.** to access the **Favorite List**.

3 Press the , buttons to scrolls through channel group.

4 Press the **Yellow** button.

Favorite Channel List

1 Press **FAV.** to access the **Favorite List**.

2 Press the Navigation buttons to scroll to a channel.and press **OK**.

```
Favorite List         ↩ Exit
               ◂ ▸ Favorite Ch. Group
  ◀        Group A        ▶
  📺 3-1
  📺 4-1

     Ch.Reg.        Ch.Edit
```

Button	Description
,	Scrolls through channels.
,	Scrolls through channel group.
CH	Moves to the previous or next page
Yellow	Register or cancel the current channel in favorite channel list.
Blue	Go to the "**CHANNEL menu - Channel Edit**".

Using Additional Options

Adjusting Aspect Ratio

You can also change the image size by pressing **Q.MENU** or **SETTINGS**.

> **!** **NOTE**
> • Some options may not be available depending on input signals.

- **FULL**: Changes to the full screen regardless of the aspect ratio.

- **16:9**: Resizes images to fit the screen width.

- **Just Scan:** Displays video images in the original size without cutting off the edges.

> **!** **NOTE**
> • If you select Just Scan, you may see image noises at the edge or edges of the screen.

- **Set By Program**: Displays images in the same aspect ratio as the original image.

- **4:3**: Resizes images to the 4:3 aspect ratio.

- **Zoom:** Enlarges an image to fit the screen width. The top and bottom of the image may be truncated.
  - Press the   or   button to zoom in or out of the image.
  - Press the   or   button to move the image.

- **Cinema Zoom**: Formats an image to the cinemascope ratio, 2.35:1. It ranges from 1 to 16.
  - Press the   or   button to zoom in or out of the image.
 - Press the   or   button to move the image.

> **!** **NOTE**
> • If you enlarge or reduce an image, the image may be distorted.

Using the Keystone Function

To prevent the screen image from becoming trapezoidal, Keystone adjusts the top and bottom width of the image if the projector is not set at a right angle to the screen.

Because the **Keystone** function may cause inferior screen image quality, use this function only when it is not possible to set up the projector at an optimal angle.

•Keystone   0   – |||||||||||||||||| +

CLOSE
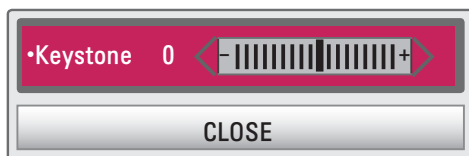
1 Press the **SETTINGS** button.

2 Press the , , or button to select **OPTION** and press the **OK** button.

3 Press the , , or button to select **Keystone** and press the **OK** button.

4 Press the or button to adjusted Keystone.
  • **Keystone** can be adjusted from **-40** to **40**.

5 Press the **OK** button after adjustment.

Using the Input List

Using the Input List

1 Press the **INPUT** button to access the input sources.

  - The connected input mode appears first. However, AV / Component input is always activated.

Input List   ◇ Move ◉ OK

TV	AV	Component	USB	RGB–PC	HDMI
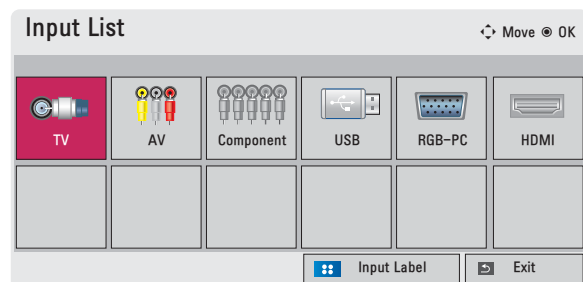
Input Label   Exit

2 Select an input signal using the **INPUT** button and the projector is switched only to the connected input mode. You can use the , , or button to switch between all the input modes.

Adding an Input Label

Displays which devices are connected to which input ports.

Input Label

AV   ◄   ►
Component   ◄   ►
RGB–PC   ◄   ►
HDMI   ◄   ►

Close
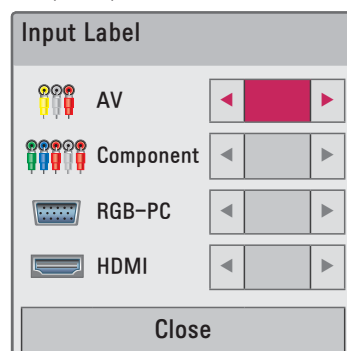
1 Press the **INPUT** button to access the input sources.

2 Press the **RED** button.

3 Use the or button to scroll to one of the input sources.

4 Use the or button to select one of the input labels.