LG
Life's Good

Owner's Manual

LASER PROJECTOR

Please read the safety information carefully before using the product.

SA560
SA565

P/NO: SAC30666052 (1212-REV01)

www.lg.com
(Brazil : www.lge.com)

LICENSE

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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.

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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.

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.

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.

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 result in fire.
- Do not place flammable materials such as aerosols near the projector.
  - This may result in fire.
- Do not allow children to cling to or climb up to the projector.
  - This may cause the projector to fall, causing injury or death.
- Do not install the product in a place with no ventilation (e.g., on a bookshelf or in a closet) or on a carpet or cushion.
  - This may result in fire due to the increase in internal temperature.
- Do not place the projector close to sources of steam or oil such as a humidifier or kitchen counter.
  - This may result in fire or electric shock.
- Do not place the projector where it might be exposed to dust.
  - This may result in fire.
- Do not use the projector in a damp place such as a bathroom where it is likely to get wet.
  - This may result in fire or electric shock.
- Do not allow a tablecloth or curtain to block the air vent.
  - This may result in fire due to the increase in the internal temperature.
- Ensure good ventilation around the projector. The distance between the projector and the wall should be at least 30 cm.
  - This will prevent fire due to the increase in the internal temperature.
- When installing the projector on a ceiling or wall, a professional technician should install the product using the authorized tools.
  - If installed improperly, the projector may fall, causing personal injury or property damage. To install the product, please contact the customer support center.
- When installing or adjusting a mounting device, do not use oil or lubricant for the purpose to prevent loosening of screws. If you apply an adhesive oil or lubricant to the projector, this may cause the case to crack and the projector to fall. This may also cause serious personal injury and damage to the projector when there is a person under the mounting device.

⚠ CAUTION

- When placing the projector on a table or shelf, be careful not to put it near the edge.
  - The projector could fall due to balance problems, which may cause personal injury or damage to the product. Make sure to use the projector cabinet or stand that fits the projector.
- When moving the projector, make sure to switch it off and remove the power plug and cords.
  - The power cord may be damaged, resulting in fire or electric shock.
- Do not place the projector on an unstable or vibrating surface such as a wobbly shelf or a slope.
  - It may fall and cause injury.
- Be careful not to tip the projector over when connecting external devices to the projector.
  - This may cause personal injury or damage to the projector.

Power

⚠ WARNING

- The grounding wire should be connected.
  - Ensure that you connect the grounding cable to avoid electric shock.
    If it is not possible to ground the unit, have a qualified electrician install a separate circuit breaker.
    Do not try to ground the projector by connecting it to telephone wires, lightning rods or gas pipes.
- The power plug should be inserted fully into the power outlet.
  - An unstable connection may cause a fire.
- Do not place heavy objects on the power cord.
  - This may result in fire or electric shock.
- Never touch the power plug with wet hands.
  - This may result in electric shock.
- Do not plug too many devices into one multi-power outlet.
  - This may result in fire due to the power outlet overheating.
- Prevent dust from collecting on the power plug pins or outlet.
  - This may result in 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 damaged wire may create a fire hazard.
- Ensure the power cord and plug are not damaged, modified, severely bent, twisted, pulled, sandwiched or hot. Do not use the product if the power outlet is loose.
  - This may result in fire or electric shock.
- Keep the power cord away from heating devices.
  - The wire's sheath may melt, which may result in fire or electric shock.
- Place the projector where people will not trip over or tread on the power cord to protect the power cord and plug from any damage.
  - This may result in fire or electric shock.
- Do not turn the projector on or off by plugging in the power plug or unplugging it from the power outlet.
  (Do not use the power plug as a switch.)
  - This may result in electric shock or damage to the product.
- 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 result in electric shock.
- Only use the official power cord provided by LG Electronics. Do not use other power cords.
  - This may result in fire or electric shock.
- Check the power cord specifications. Do not use an inappropriate power cable.
  - This may result in electric shock.

When in Use

⚠ WARNING

- Do not place anything containing liquid on top of the projector such as a vase, flower pot, cup, cosmetics, or medicine; or ornaments, candles, etc.
  - This may result in fire or electric shock, or cause injury due to falling.
- 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 our service center.
  - Otherwise, this may result in fire or electric shock.
- In the event that there is a heavy impact or the cabinet is damaged, switch it off, unplug it from the power outlet and contact an authorized service center.
  - This may result in 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 is to prevent electric shock or fire.
- In the event that liquid or a foreign object falls into the projector, switch it off and unplug it from the power outlet and contact our service center.
  - This may result in fire or electric shock.
- Make sure that a child does not swallow the batteries when you replace the old remote control batteries with new ones. Keep batteries out of reach of children.
  - If a child swallows a battery, consult a doctor immediately.
- Never open any cover on the projector.
  - There is a high risk of electric shock.

- Do not look directly into the lens when the projector is in use.
  - The bright 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 in the room with the projector, do not touch the projector or power outlet. Open the windows for ventilation.
  - Sparks may cause fire or burns.
- Unplug the power cord from the outlet during a lightning storm.
  - This will prevent shock or damage to the projector.
- Do not use the projector near electronic devices that generate a strong magnetic field.
- Do not put the plastic package used to pack the projector around your head.
  - This may cause suffocation.
- 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 connecting cable is long enough. Otherwise, the product may fall causing personal injury or damage to the product.
- Do not place the projector or its remote control with battery in an extremely high temperature environment.
  - This may result in fire.

⚠ CAUTION

- Do not place heavy objects on the projector.
  - It may fall down and cause personal injury.
- Be careful not to allow any impact to the lens during transport.
- Do not touch the lens of the projector.
  - 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 or no sound is heard, stop using the projector. Switch off the projector, unplug it from the power outlet and contact our service center.
  - This may result in fire or electric shock.
- Do not drop anything onto the projector or allow anything to bang into the projector.
  - This may cause damage to the projector or personal injury.
- It is recommended that you maintain a distance of more than 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.
- Do not block the light beam emitted from the projector using a book or other object.
  - Lengthy exposure to the projector beam may result in fire. In addition, the lens may be overheated and damaged by the reflected heat. Disable the AV function to stop projection temporarily or turn off the power.
- Do not start the projector with the volume turned up high.
  - High volume may damage hearing.

Cleaning

⚠ WARNING

- Do not spray the projector with water when cleaning. Make sure water does not flow into the projector.
  - This may result in fire or electric shock.
- Use air spray, a soft cloth or a 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 our service center once a year to clean the internal parts of the projector.
  - If you do not clean the projector for a long period of time, dust will accumulate, which may result in 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. Never use glass cleaner, automobile or industrial shiner, abrasives, wax, benzene, or alcohol as these can damage the projector.
  - This can result in fire, electric shock or cause damage to the product (deformation and corrosion).
- Remove the plug from the outlet before cleaning the product.
  - Otherwise, this may result in electric shock.

Others

⚠ WARNING

- When you go out, place the projector out of reach of animals, and remove the power plug from the wall outlet.
  - Using a damaged power cord may result in short circuit or fire.
- Do not use the projector near high-precision electronic devices or those that transmit weak radio signal.
  - This may affect the operation of the product, causing an accident.
- Only a qualified technician can disassemble or modify the projector. For diagnosis, adjustment, or repair, contact your seller or our service center.
  -This may result in fire or electric shock.

⚠ CAUTION

- Do not use or store the projector outdoors for a long time.
- Do not mix new batteries with old ones.
  - Burst or leaking batteries may result in damage or injury.
- Be sure to unplug if the projector is not to be used for a long period.
  - Accumulated dust may result in fire or electric shock due to overheating, ignition, or poor insulation.
- Only use the specified type of battery.
  - Burst or leaking batteries may result in damage or injury.
- Do not charge the battery using any devices other than the one provided with the product.
  - This may result in damage to the battery or fire.
- Dispose of used batteries properly.
  -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 as instructed.
- Do not throw or disassemble the battery.
  -This may result in fire or explosion due to damage to the battery.
- Always use batteries approved and certified by LG Electronics.
  - This will prevent damage or fire.
- Store batteries 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 batteries near any heat source, such as a heater.
  - This may result in fire or damage to the product.
- Do not store batteries at temperatures higher than 60 °C or in high humidity.
  - This may result in explosion or fire.
- Keep the batteries and remote out of reach of children.
  - This will prevent personal injury or damage to the product.
- Make sure that the battery is installed correctly.
  - This prevent explosion or fire.
- The battery contains lithium-ion, so it must be handled with care.
  - This may result in explosion or fire.
- Make sure you use the same type of batteries for replacement.
- Incorrect battery replacement may cause fire.

Laser

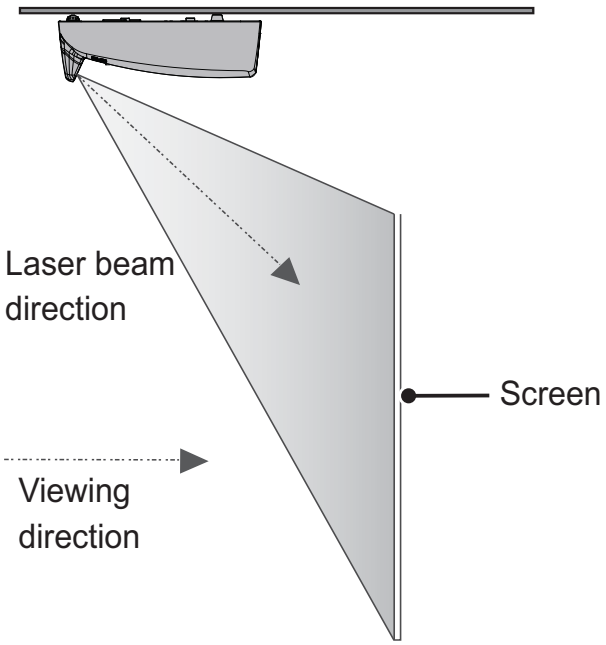
⚠ WARNING

- This laser projector contains a laser module. Do not disassemble or modify the projector as this could be dangerous.
- You risk being exposed to laser radiation if you manipulate or alter the projector in a way not specified in the user manual.

⚠ CAUTION

- This laser projector is a class 2 laser device that meets safety standard IEC 60825-1.

Laser projector standard:
class 2 laser product
Wavelength: 446 nm - 546 nm
Wave source: 66.7mW or less
Radiation angle: 71 °
Built-in laser standard:
Class 4 laser module
Wavelength: 446 nm - 546 nm
Power: 1.6 W * 24 EA



LASER RADIATION

DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT

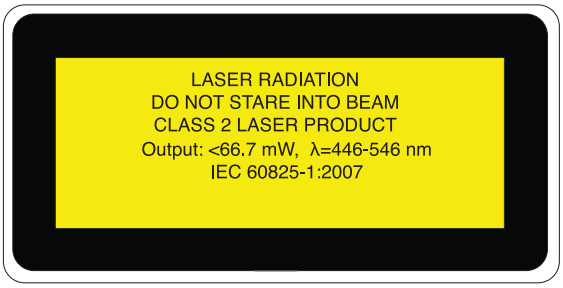
- This laser projector is a Risk Group 2 device that meets safety standard IEC 62471 standard.

Risk Group 2

CAUTION. Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eye.

The label of this laser projector is attached to the bottom of the product.

Laser projector label



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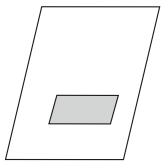
PREPARATION

Accessories

Accessories included with the project are show below. The pictures may differ slightly from the actual product. Accessories are subject to change without prior notice. New accessories may be added or old ones removed.

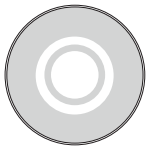
Remote Control
Two AAA Batteries



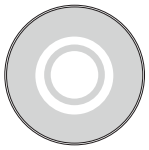
Owner's Manual

Power Cord

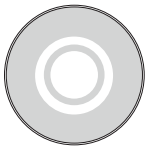
Computer Cable



eZ-Net Manager
Program CD



Magical Mirroring
Program CD



CD Owner's
manual

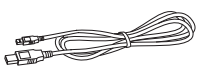
(For SA565 only)

Interactive Pen

Interactive Dongle

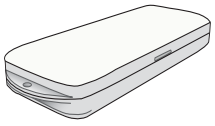
Tip

USB A to B
Cable

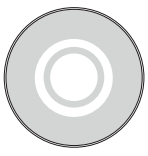


Recharge Cable

Wrist strap



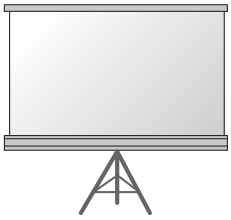
Hard case



WizTeach
Software CD

Optional Extras

To purchase optional accessories, visit an electronics store or online shopping site or contact the retail store where you purchased the product. Optional accessories are subject to change without prior notice.



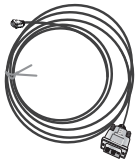
Projection Screen

HDMI Cable

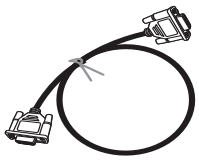
PC Audio Port Connection Cable

Video Cable

Audio Cable



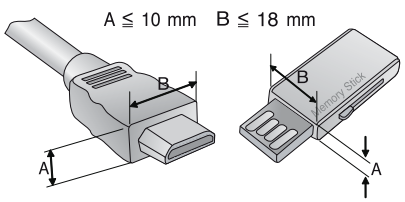
HDMI to DVI cable



RS232C cable

LAN cable

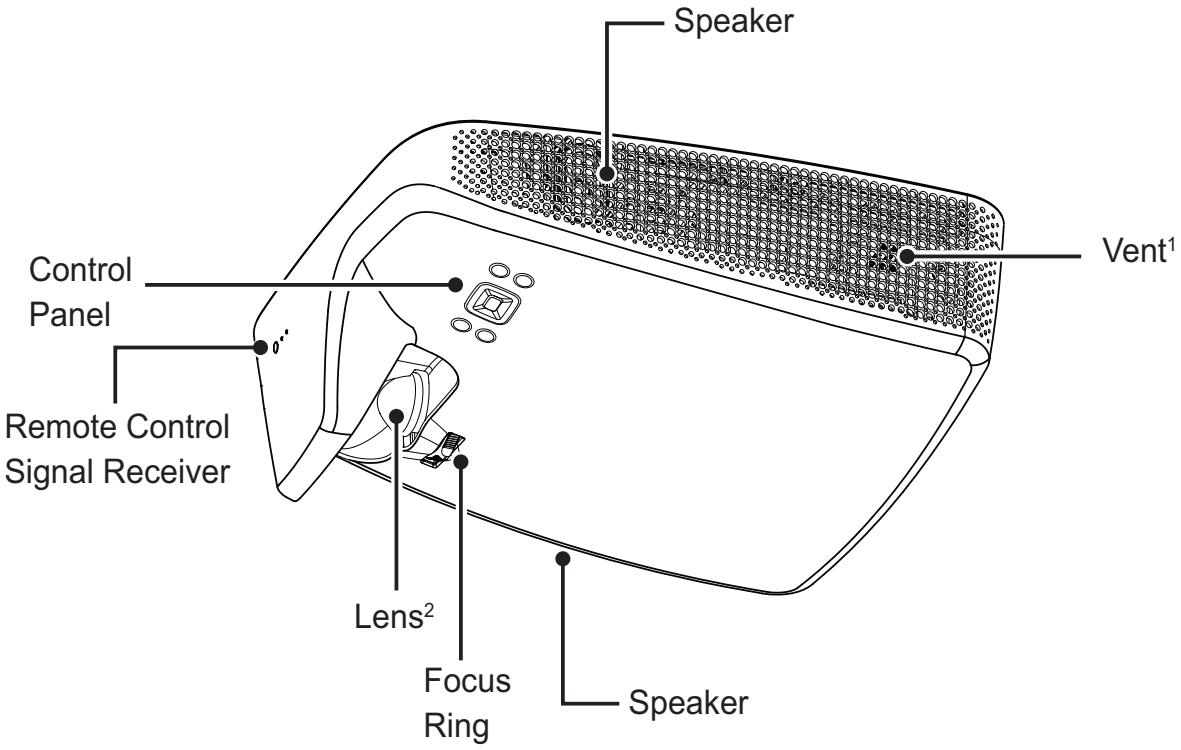
- When connecting a cable to an HDMI or USB port, make sure to use a standard sized jack.



Parts and Components

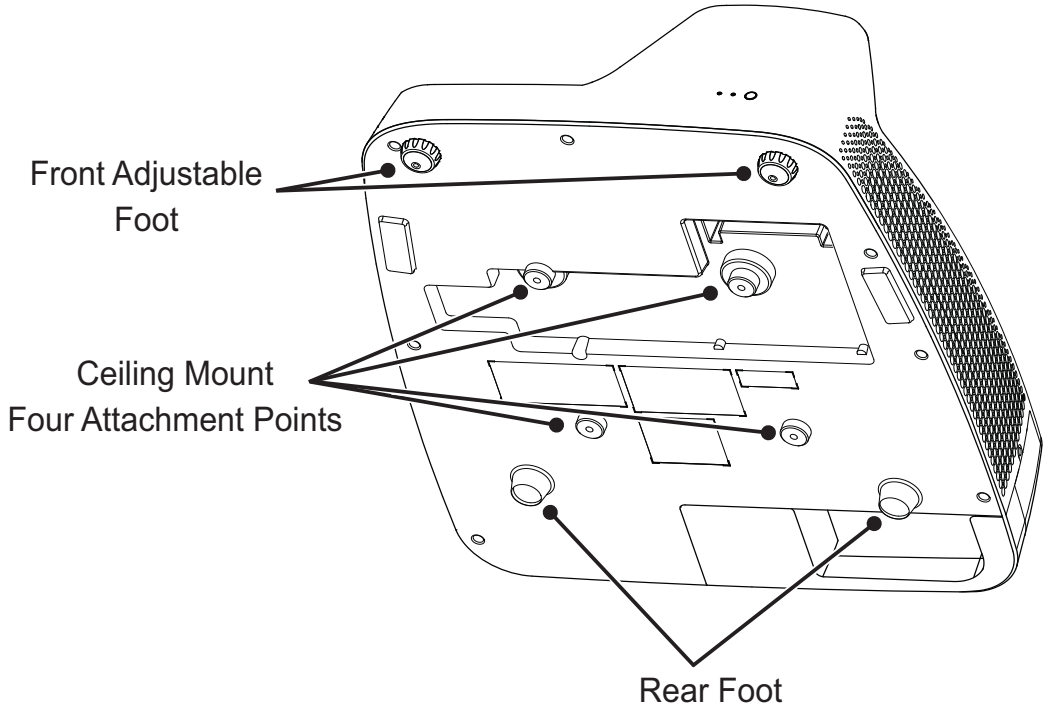
- The projector is manufactured using high-precision technology. You may, however, see tiny black dots and/or bright colored dots (red, blue or green) that continuously appear on the projector screen. This is a normal result of the manufacturing process and does not indicate a malfunction.

Front & Top



1 Due to the high temperature of vent area, do not get close to the vent area.
2 Do not touch the lens while using the projector. The lens may be damaged.

Bottom

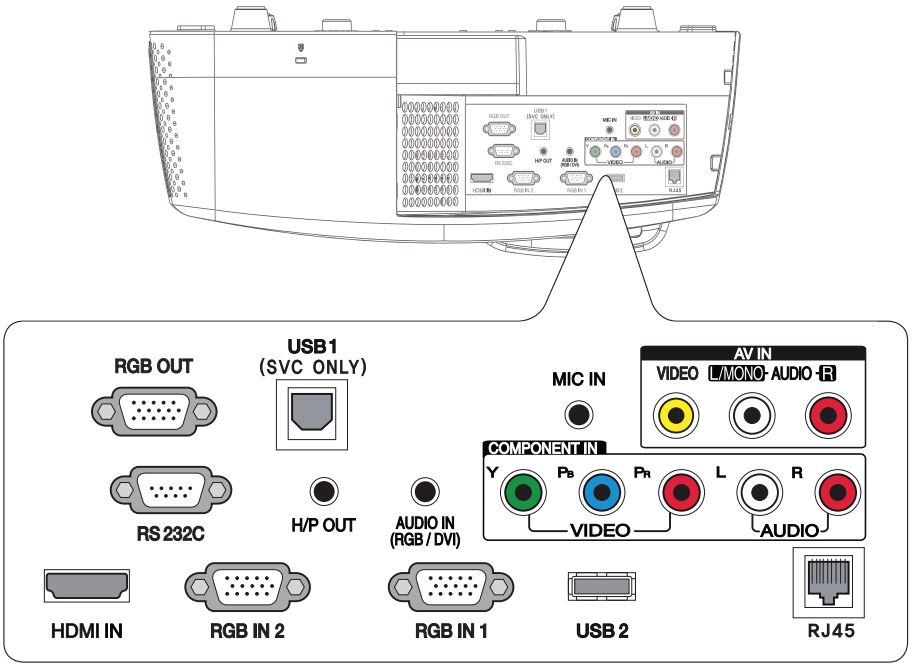


- When installing the projector on a ceiling or wall, a professional technician should install the product using the authorized tools. If installed improperly, the projector may fall.
  - This may cause personal injury or property damage. For installation of the product, please contact the customer support center.

- When installing or adjusting a mounting device, do not use oil or lubricant for the purpose to prevent loosening of screws. If you apply an adhesive, oil, or lubricant to the projector, this may cause cracks in the projector case or the projector may fall.
  - This may also cause serious personal injury and damage to the projector if there is a person under the mounding device.

Back

(For SA560 only)



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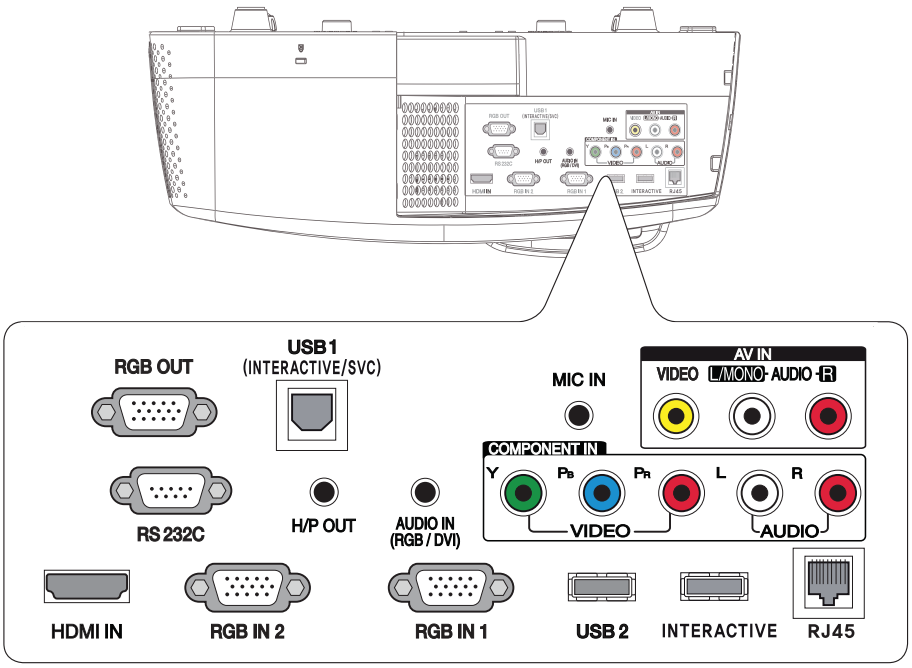
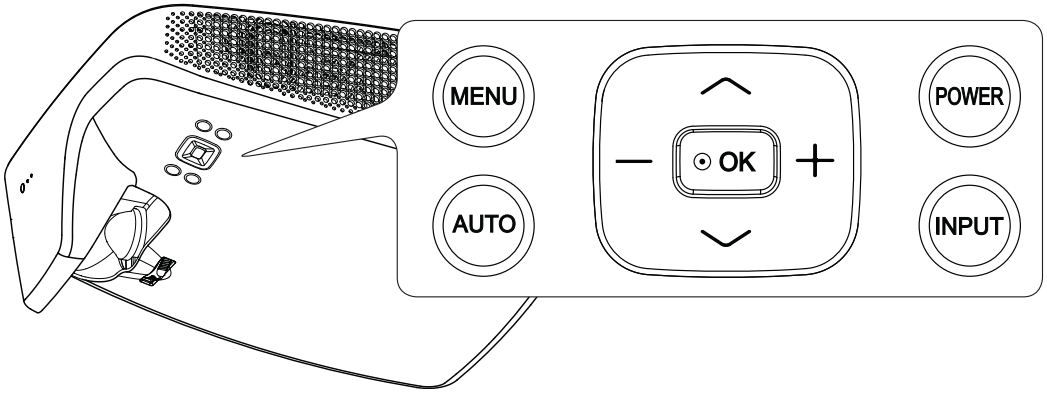
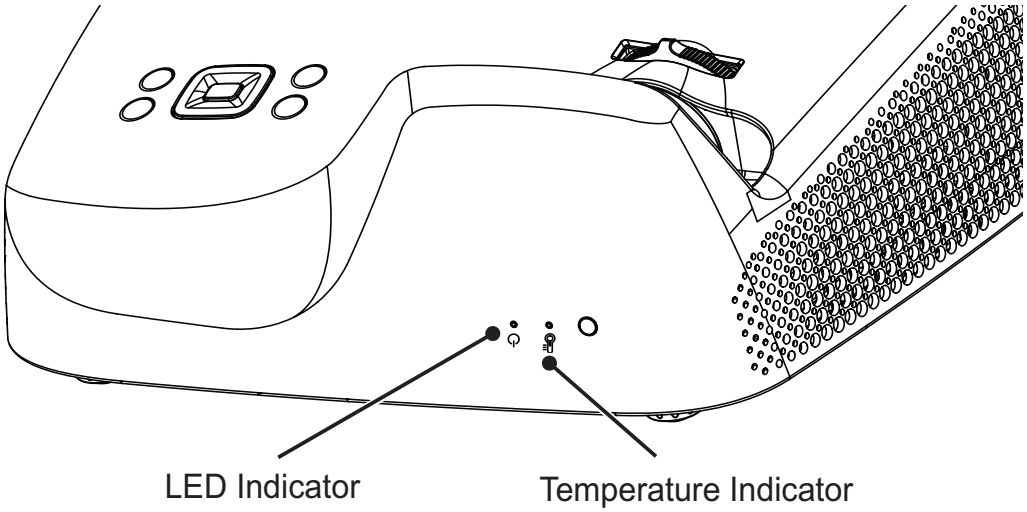


Control Panel



Button	Description
POWER	Turns the projector on or off.
MENU	Displays or closes the Settings menu.
AUTO	Adjusts the picture position and minimizes image shaking.
INPUT	Selects the input signal (RGB, component, HDMI and external input).
-, +	Adjusts the volume level, or enters a sub menu and changes the settings.
∧, ∨	Moves between menus and changes the settings.
◉**OK**	Shows the current mode and saves changes to the settings.

Projector Status Indicators



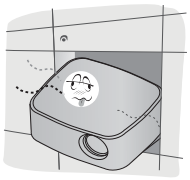
LED Indicator	Off ○	Power off state
	Red ●	Power standby state
	Green (blinking) ✳	The projector is being turned on or off.
	Green ●	The projector is being operated.
	Orange (blinking) ✳	The projector has been turned off due to a problem related to a projector color wheel. Please contact a local service center.
	Red (blinking) ✳	The projector has been turned off due to a problem related to an internal fan. Please contact a local service center.
Temperature Indicator	Off ○	Normal operation
	Orange ●	High temperature warning Turn off the power and check around the projector.
	Red (blinking) ✳	The projector has been turned off due to high temperature inside or outside of the projector.

Installation

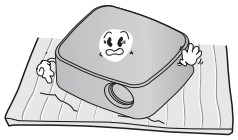
Installation Precautions

- Place the projector in a well-ventilated environment.

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

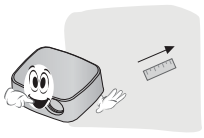


  - Do not place the projector on a carpet or rug. If the vent is on the bottom, use the projector on a solid level surface and ensure the vent is not blocked.



  - Be sure to prevent foreign objects such as paper debris from entering the projector.

  - Leave enough distance (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 result in fire.
- Never open any cover on the projector. 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 international standard lamp for the remote control to work normally.

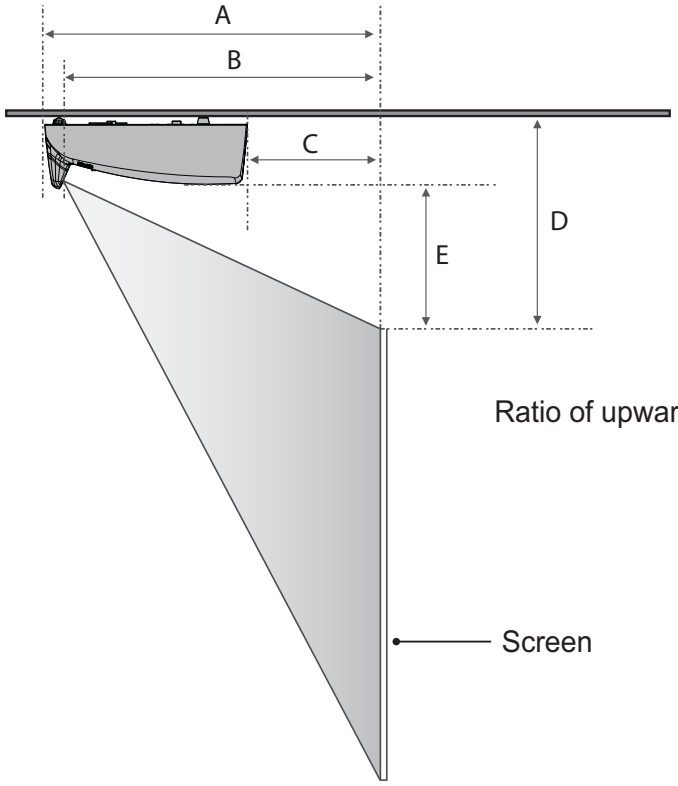
Projection Distance per Screen Size

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

2 Place the projector an appropriate distance away 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 at a right angle to the screen. If the projector is not at a right angle, the projected image will look distorted.
To correct the distortion, use the **Keystone** function.

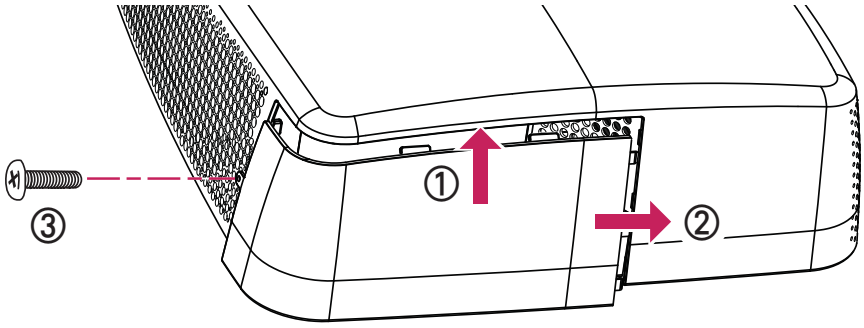
4 Connect the power cord of the projector and the connected device to the wall outlet.



(Unit: mm)

16:10 Ratio					
ARC (Width x Height)	**1778**	**2032**	**2286**	**2540**	**2794**
	1580 x 1133	1723 x 1077	1939 x 1212	2154 x 1346	2369 x 1487
A	497	562	627	691	756
B	452	517	582	646	711
C	29	94	159	223	288
D	349	386	423	460	497
E	196	233	270	307	344

Assembling the Cover

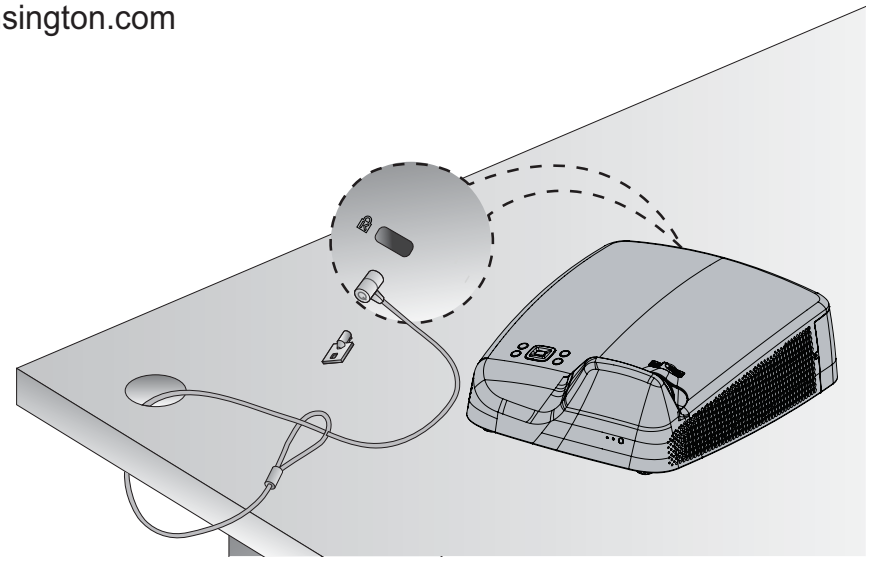


① Insert the upper edge of the cover into the groove.
② Slide the cover to the right until it latches into the groove.
③ Insert the screw into the hole and tighten it.
Check that the cover is securely fastened and cannot move.

* You can remove the cover in reverse order.
* If you locate the projector on the desk to use, remove the cover before using. Otherwise, the cover may not be closed properly by a cable.

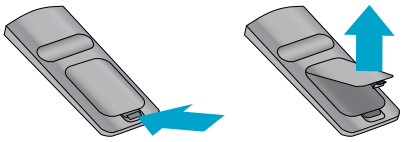
Kensington Security System

- This projector has a Kensington Security Standard connector. Connect a Kensington Security System cable as shown below.
- For more information on installation and use of the Kensington Security System, refer to the user's guide provided with the Kensington Security System.
- The Kensington Security System is an optional accessory.
- What is Kensington?
  Kensington is a company that provides security systems for laptops and other electronic devices.
  Website: http://www.kensington.com



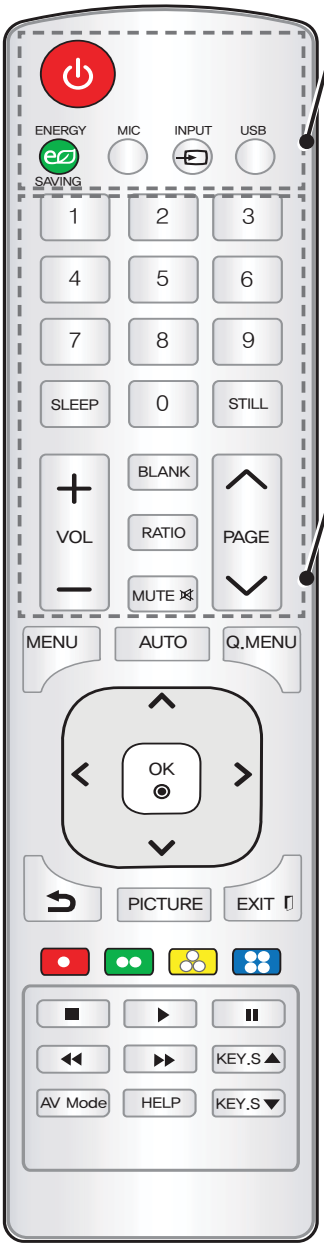
REMOTE CONTROL

Open the lid at the back of the remote control and insert the batteries as described in the ⊕⊖ instructions.
Use new batteries of the same kind (1.5V AAA).



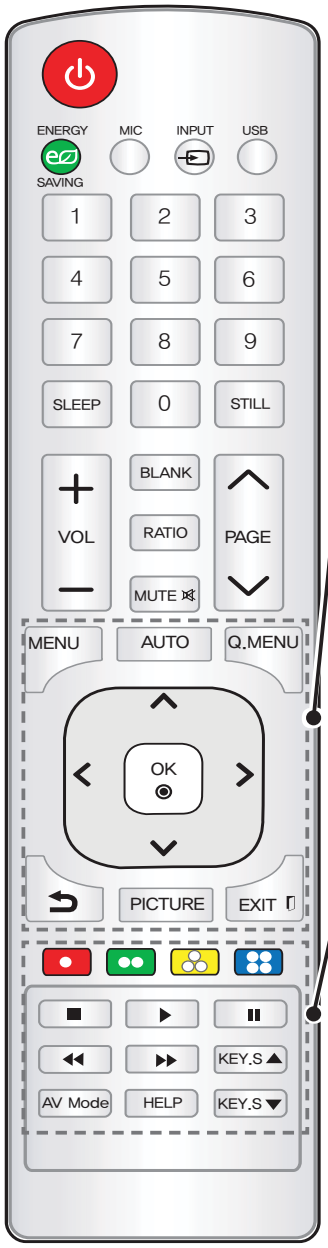
CAUTION

- Do not mix new batteries with old ones.



POWER
Turns the projector on or off.
ENERGY SAVING
Adjusts the screen brightness.
MIC
Turns the microphone on/off.
INPUT
Changes the input source.
USB
Shows the SmartShare menu.

Number buttons
Enters a number.
SLEEP
Sets the sleep timer.
STILL
Stops the video being played.
VOL +, -
Adjusts the volume level.
BLANK
Blanks the screen.
RATIO
Changes the aspect ratio of the screen per pressing of the button.
MUTE
Mutes the sound of the projector.
PAGE
Moves to the previous/next page.

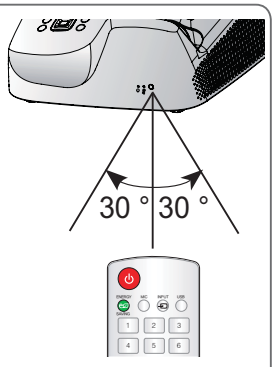


MENU
Brings up or closes the Settings menu.
AUTO
Optimizes the screen automatically in RGB-PC input mode.
Q.MENU
Allows you to change the settings easily.
Up/Down/Left/Right buttons
Selects or sets an option of the selected menu.
OK ◉
Shows the current mode and saves changes to the settings.
⮌
Returns to the previous screen.
PICTURE
Changes the picture mode per press of the button.
EXIT ⍞
Exits the menu.

Color buttons
Sets additional settings for each menu.
Playback control buttons
Controls the playback of multimedia content on the Smart Share.
KEY.S ▲, ▼
Adjusts the Keystone function.
AV MODE
Selects AV mode for the genre of the program being watched.
HELP
Enables the self-diagnosis.

NOTE

- When using the remote control, the optimal operation range is 6 meters or less (left/right) and within a 30 degree arc of the remote control IR receiver.
- If a cable is connected to the back port, the optimal operating range is 3 meters or less (left/right) and within a 30 degree arc of the remote control IR receiver.
- For seamless operation, do not block the IR receiver.



Operating 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.

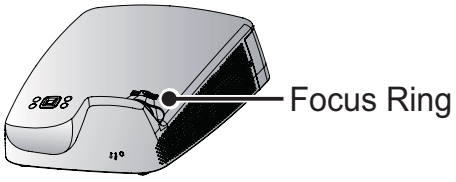
3 On the Language Selection screen, select the language you want.

4 Connect the projector to a wireless network.
(This step can be skipped because a wireless network connection is not required.)

5 Select the input signal you want 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.



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

Watching with 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
VOL -, +	Adjusts the volume level.
MUTE	Mutes the sound of the projector.
Q.MENU	Enters the quick menu.
KEY.S ▲, ▼	Adjusts the Keystone function.

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

Additional Options

Adjusting Aspect Ratio

You can adjust the aspect ratio of the picture by pressing **RATIO** while watching with the projector.

NOTE

- Available options may vary depending on the input signal.
- You can also use the **Q.MENU** or **MENU** button.

- **Full**: Displays the picture in full screen regardless of the aspect ratio.

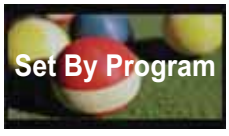
- **16:9**: Resizes the picture with a 16:9 ratio.

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

NOTE

- For Just Scan, you may see image noises at the edges of the screen.

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



- **4:3**: Resizes the picture with a 4:3 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.

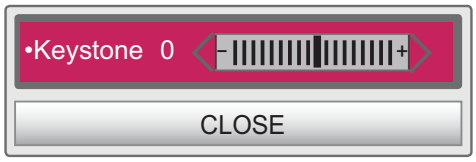
- **Cinema Zoom 1**: Resizes the picture with a cinemascope ratio of 2.35:1.
  It ranges from 1 to 16.
  - Press the 〈 or 〉 button to zoom in or out of the image.
  - Press the 〈 or 〉 button to move the image.

NOTE

- If you enlarge or reduce the picture, it 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 up 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.



1 Press the **KEY.S ▲** or **KEY.S ▼** button to adjust the picture.
- **Keystone** can be adjusted from **-40** to **40**.

2 Press the **OK** button when done.

Using the Input List

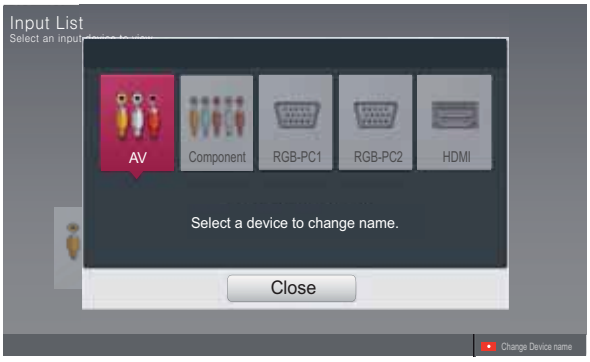
Using the Input List

1 Press the **INPUT** button to display the input selection screen.
- The connected input mode appears first.

2 Select an input signal using the remote control's **INPUT** button to connect the projector to the desired input. You can use the 〈 or 〉 button to switch between all the input modes.

Adding Input Label

Displays which devices are connected to which input ports.



1 Press the **INPUT** button to display the input selection screen.

2 Press the **red** button.

3 Press the 〈 or 〉 button to go to the desired input and press the **OK** button.

4 User the 〈, 〉, 〈 or 〉 button to select a device name.

Using the Quick Menu

You can customize frequently used menus.

1 Select the **Q.MENU** button.

2 User the 〈 or 〉 button to select a desired item and press **OK**.

Menu	Description
Aspect Ratio	Resizes the picture.
Picture Mode	Changes the picture mode.
Sound Mode	Sets the sound mode.
Sleep Timer	Sets the projector to be turned off at the specified time.
Energy Saving	Adjusts the brightness.
AV Mode	Sets the genre.
USB Device	Allows you to remove a connected USB device in a safe manner. (Displayed only when a USB device is connected.)

3 Use the 〈, 〉, 〈, or 〉 button to scroll through the menu items.

ENTERTAINMENT

Network Settings

To use the DLNA function and the Magical Mirroring function, the wireless connection to the Internet is required.

One-Click Network Connection

You can make a wireless network connection easily.

1. Press the **MENU** button.
2. Use the 〈, 〉 , 〈, or 〉 button to select **Network** and press the **OK** button.
3. Use the 〈, 〉 , 〈, or 〉 button to specify the **Network Connection** and press the **OK** button.
4. The network is connected automatically.
   See the Help provided by the projector.

Expert Settings for Network Connection

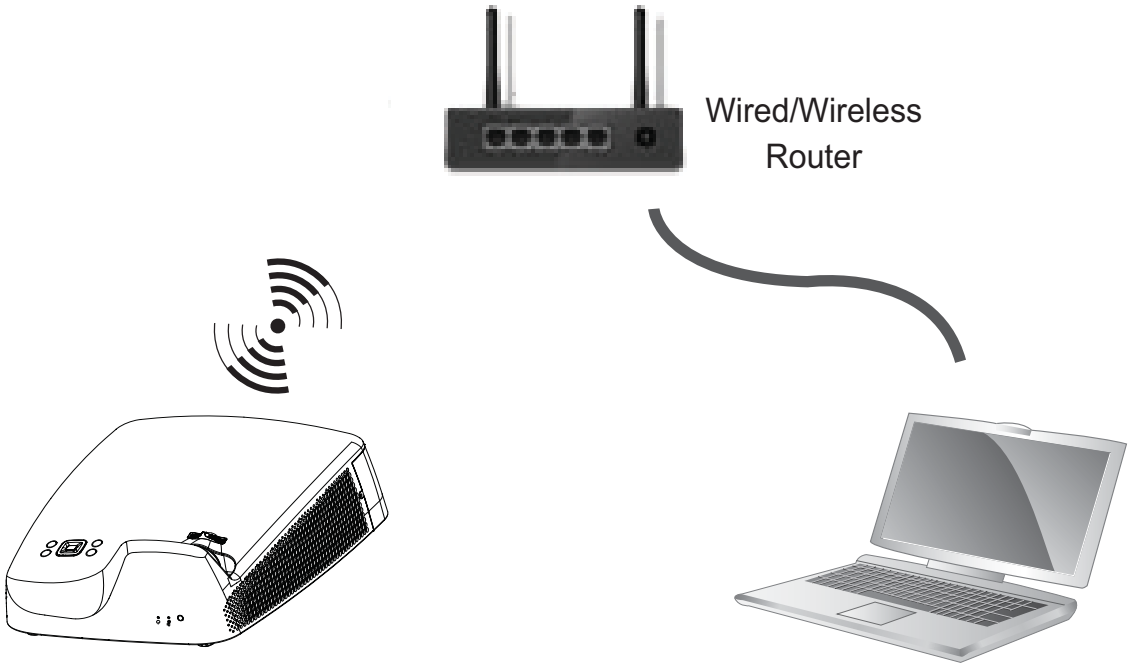
When used in a specific environment such as office (where fixed IP, etc. is used).

1. Press the **MENU** button.
2. Use the 〈, 〉 , 〈, or 〉 button to select **Network** and press the **OK** button.
3. Use the 〈, 〉 , 〈, or 〉 button to specify the **Network Connection** and press the **OK** button.
4. Select **Set Expert** in the network connection list.
5. Select one of the following network connection methods.

Item	Description
AP List	Select a network from a router list.
Enter the SSID	Directly enter the name of the wireless router to connect.
WPS-PBC	Press the WPS button on the wireless router (if supported) to connect to the router in a simple manner.
WPS-PIN	Enter the PIN number from the menu of the wireless router to connect to the router in a simple manner.
Ad-hoc	Use to connect directly to the projector with out using a router.

Wireless network connection

You can use a wireless network by using the built-in wireless network module as shown below.
A wireless router must be installed and operating at this time. Refer to the wireless router's user manual to see how to install it.
The network settings and connection may be different depending on the network environment. Set up the router as instructed in its user manual.



Wireless Network Settings

This function allows you to use the wireless connection with Wi-Fi direct and WiDi. You can share the screen of the device connected by Wi-Fi Screen Share on the SmartShare.
Enable the Wi-Fi Screen Share. A list of devices available for connection is displayed. Select a device to connect. A connection request message is displayed. Select Yes. Then, Wi-Fi Screen Share is connected.

1 Press the **MENU** button.
2 Use the 〈, 〉 , 〈, or 〉 button to select **NETWORK** and press the **OK** button.
3 Use the 〈, 〉 , 〈, 〉 button to select the **Wi-Fi Screen Share** and then press **OK** button.

Tips for Network Settings

- Modem reconfiguration may cause network connection problems. If it does, turn off the modem and disconnect it from the projector; then turn on the modem again.
- LG Electronics is not responsible for any Internet connection problems, or any failure, error or malfunction due to your Internet connection.
- The network connection may not be working properly because of the Internet Service Provider (ISP).
- DSL service requires a DSL modem, and cable service requires a cable modem. Internet connections may be limited due to an agreement with an Internet service provider (ISP), and the projector might not connect to a network. (When only one device is allowed per line, if a PC is already connected, other devices are not available for use.)
- The wireless network may be affected by interference from a device that uses 2.4 GHz frequency, such as a wireless telephone, Bluetooth device or microwave. Interference may also be caused by a device that uses 5 GHz frequency such as Wi-Fi devices.
- The wireless network service may run slowly depending on surrounding wireless environment.
- Some devices may have network traffic jam if any of local home networks is turned on.
- To connect to a wireless router, a router that supports wireless connection is necessary; the wireless connection function of the corresponding router must also be activated. Ask the router manufacturer whether the router supports wireless connection.
- To connect to a wireless router, verify the SSID and security settings of the wireless router. Please refer to the user guide of the corresponding router regarding SSID and security settings of the wireless router.
- The projector may not work properly if network devices (wire/wireless router or hub, etc.) are incorrectly set up. Be sure to install the devices correctly by referring to their user guides before configuring network connection.
- When Ad-hoc is used, it may not be able to connect depending on the device (for example, laptop) that is connected.
- The connection method may vary according to the manufacturer of the wireless router.