



LG

Life's Good

OWNER'S MANUAL DLP PROJECTOR

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

www.lge.com

DLP PROJECTOR

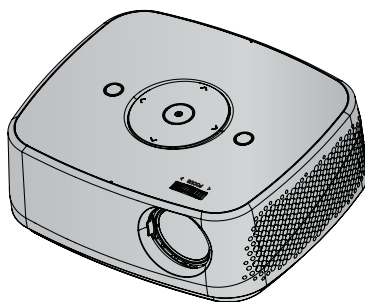
Warning

This is a class B product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.

CE 0983 ⚠

This projector complies with EMC Directive and R&TTE Directive.

DE	DK	ES	FI	FR
GB	GR	HU	IT	NL
NO	PL	PT	SE	



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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.

Safety Instructions

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

- Safety Instructions are given in two forms as detailed below.
- ⚠ WARNING :** The violation of this instruction may cause serious injuries and even death.
- ⚠ NOTES :** The violation of this instruction may cause injuries or damage to the projector.
- After reading this manual, keep it in the place that you can access easily.

Indoor Installation ⚠ WARNING

<p>Do not place the Projector in direct sunlight or near heat sources such as radiators, fires, stove etc.</p> <p>This may cause a fire hazard!</p>	<p>Do not place flammable materials in, on or near the projector</p> <p>This may cause a fire hazard!</p>	<p>Do not hang on the installed projector.</p> <p>It may cause the projector to fall, causing injury or death.</p>
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<p>Do not block the vents of the projector or restrict air-flow in any way.</p> <p>This would cause the internal temperature to increase and could cause a fire hazard or damage to the unit!</p>	<p>Do not place the projector close to sources of steam or oil such as a humidifier.</p> <p>This may create a fire hazard or an electric shock hazard!</p>	<p>Do not place the projector where it might be exposed to dust.</p> <p>This may cause a fire hazard or damage to the unit!</p>
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<p>Do not use the projector in a damp place such as a bathroom where it is likely to get wet.</p> <p>This may cause a fire or an electric shock hazard!</p>	<p>Do not place the projector directly on a carpet, rug or place where ventilation is restricted.</p> <p>This would cause its internal temperature to increase and might create a fire hazard or damage the unit.</p>	<p>Ensure good ventilation around the projector. The distance between the projector and the wall should be more than 30 cm.</p> <p>An excessive increase in its internal temperature may cause a fire hazard or damage to the unit!</p>
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Indoor Installation ⚠ NOTES


<p>When installing the projector on a table, be careful not to place it near the edge.</p> <p>The projector could fall causing injury and damage to the projector. Only use a suitable stand.</p>	<p>Disconnect from the power supply and remove all connections before moving, or cleaning.</p>	<p>Only use the projector on a level and stable surface.</p> <p>It may fall and cause injury and/or damage to the unit.</p>
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Power ⚠ WARNING

<p>Earth wire should be connected.</p> <p>Ensure that you connect the earth ground wire to prevent possible electric shock (That is a Projector 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.</p>	<p>The power cord should be inserted fully into the power outlet to avoid a fire hazard!</p> <p>This may cause a fire hazard or damage the unit.</p>	<p>Do not place heavy objects on the power cord.</p> <p>This may cause a fire or an electric shock hazard!</p>
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Power  **WARNING**

<p>Never touch the power plug with a wet hand.</p> <p>This may cause an electric shock hazard!</p>	<p>Do not plug-in too many items into one power outlet.</p> <p>It may result in overheating of the outlet and create a fire hazard!</p>	<p>Prevent dust from collecting on the power plug pins or outlet.</p> <p>This may cause a fire hazard!</p>
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Power  **NOTES**

<p>Hold the plug firmly when unplugging. If you pull the cord, it may be damaged.</p> <p>This may cause a fire hazard!</p>	<p>Do not use if the power cord or the plug is damaged or any part of the power outlet is loose.</p> <p>This may cause a fire or an electric shock hazard or damage to the unit!</p>	<p>Ensure the power cord does not come into contact with sharp or hot objects.</p> <p>This may cause a fire or an electric shock hazard or damage to the unit!</p>
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<p>Place the projector where people will not trip or tread on the power cord.</p> <p>This may cause a fire or an electric shock hazard or damage to the unit!</p>	<p>Do not turn the projector On/Off by plugging-in or unplugging the power plug to the wall outlet. (Allow the unit to cool before removing power.)</p> <p>It may cause mechanical failure or could cause an electric shock.</p>
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Using  **WARNING**

<p>Do not place anything containing liquid on top of the projector such as flowerpot, cup, cosmetics or candle.</p> <p>This may cause a fire hazard or damage to the unit!</p>	<p>In case of impact shock or damage to the projector switch it off and unplug it from the power outlet and contact an authorized service center.</p> <p>This may cause a fire or an electric shock hazard or damage to the unit!</p>	<p>Do not allow any objects to fall into the projector.</p> <p>This may cause an electric shock hazard or damage to the unit!</p>
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<p>If water is spilt into the projector unplug it from the power supply immediately and consult your Service Agent.</p> <p>This may cause an electric shock hazard or damage to the unit!</p>	<p>Dispose of used batteries carefully and safely.</p> <p>In the case of a battery being swallowed by a child please consult a doctor immediately.</p>
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<p>Do not remove any covers. High risk of Electric Shock!</p>	<p>Don't look directly into the lens when the projector is in use. Eye damage may occur!</p>	<p>Do not touch metal parts during or soon after operation since the vents will remain very hot!</p>
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CAUTION concerning the Power Cord

It is recommend that most appliances be placed on a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain.

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 electric shock or fire. 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 authorized service personnel.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance.

Using  **WARNING**

<p>If the projector is in a room that experiences a gas leak, do not touch the projector. It can cause a fire or a burn by a spark.</p>	<p>Always open the lens door or remove the lens cap when the projector lamp is on.</p>
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Using  **NOTES**

<p>Do not place heavy objects on top of projector. This may cause mechanical failure or personal injury!</p>	<p>Take care not to impact the lens particularly when moving the projector.</p>	<p>Do not touch the lens of the projector. It is delicate and easily damaged.</p>
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<p>Do not use any sharp tools on the projector as this will damage the casing.</p>	<p>In the event that an image does not appear on the screen please switch it off and unplug it from the power outlet and contact your Service Agent. This may cause a fire or an electric shock hazard or damage to the unit!</p>	<p>Do not drop the projector or allow impact shock. This may cause mechanical failure or personal injury!</p>
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Cleaning  **WARNING**


<p>Do not use water while cleaning the projector. This may cause damage to the projector or an electric shock hazard.</p>	<p>In the unlikely event of smoke or a strange smell from the projector, switch it off, unplug it from the wall outlet and contact your dealer or service center. This may cause a fire or an electric shock hazard or damage to the unit!</p>	<p>Use an air spray or soft cloth that is moist with a neutral detergent and water for removing dust or stains on the projection lens.</p>
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Cleaning  **NOTES**

<p>Contact the Service Center once a year to clean the internal parts of the projector. Accumulated dust can cause mechanical failure.</p>	<p>When cleaning the plastic parts such as projector case, unplug the power and wipe it with a soft cloth. Do not use cleanser, spray water or wipe with a wet cloth. Especially, never use cleanser (glass cleaner), automobile or industrial shiner, abrasive or wax, benzene, alcohol etc., which can damage the product. Use an air spray or soft cloth that is moist with a neutral detergent and water for removing dust or stains on the projection lens. It can cause fire, electric shock or product damage (deformation, corrosion and damage).</p>
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Others  **WARNING**

Do not attempt to service the projector yourself. Contact your dealer or service center.
This may cause damage to the projector and could give an electric Shock as well as invalidating the warranty!

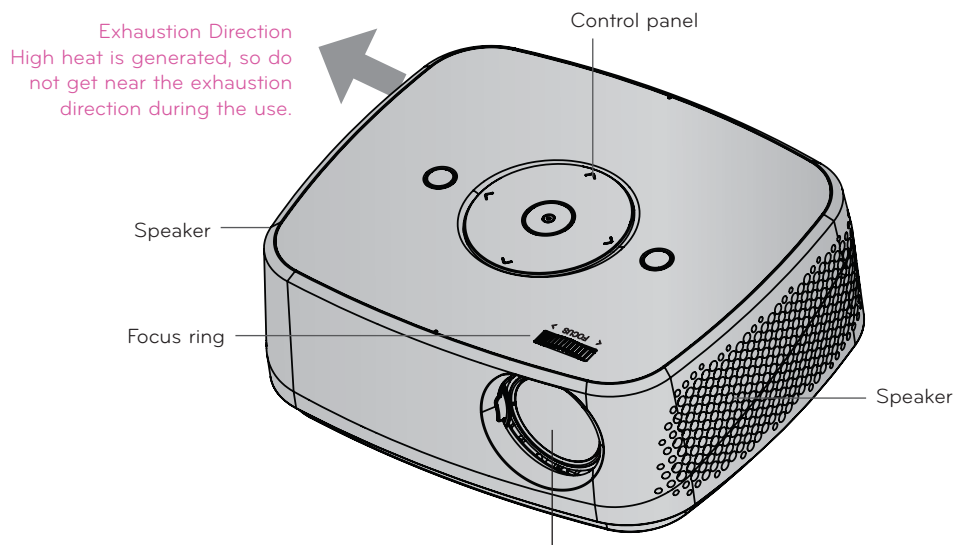
Others  **NOTES**

<p>Do not mix new batteries with old batteries. This may cause the batteries to over-heat and leak.</p>	<p>Be sure to unplug if the projector is not to be used for a long period. Accumulated dust may cause a fire hazard or damage to the unit!</p>	<p>Only use the specified type of battery. This could cause damage to the remote control.</p>
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Names of parts

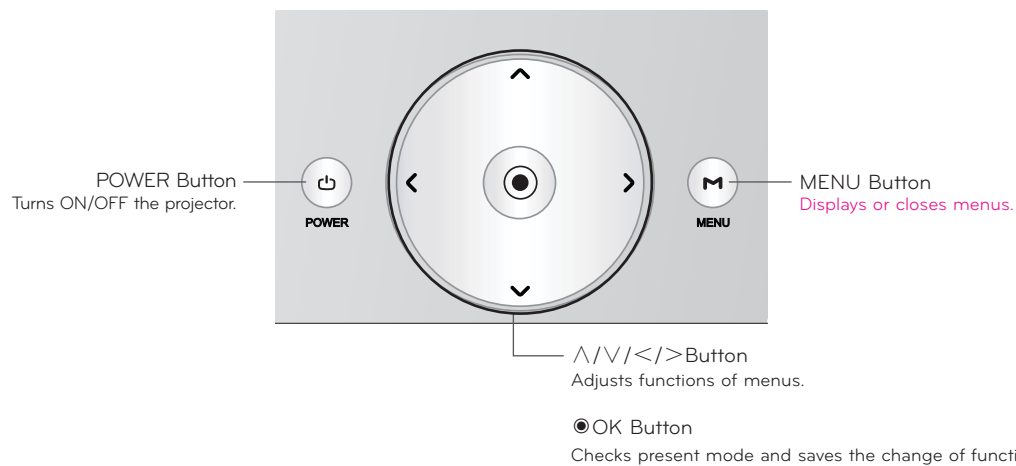
Main Body

* The projector is manufactured using high-precision technology. You may, however, see on the Projector screen tiny black points and/or bright points (red, blue, or green). This can be a normal result of the manufacturing process and does not always indicate a malfunction.

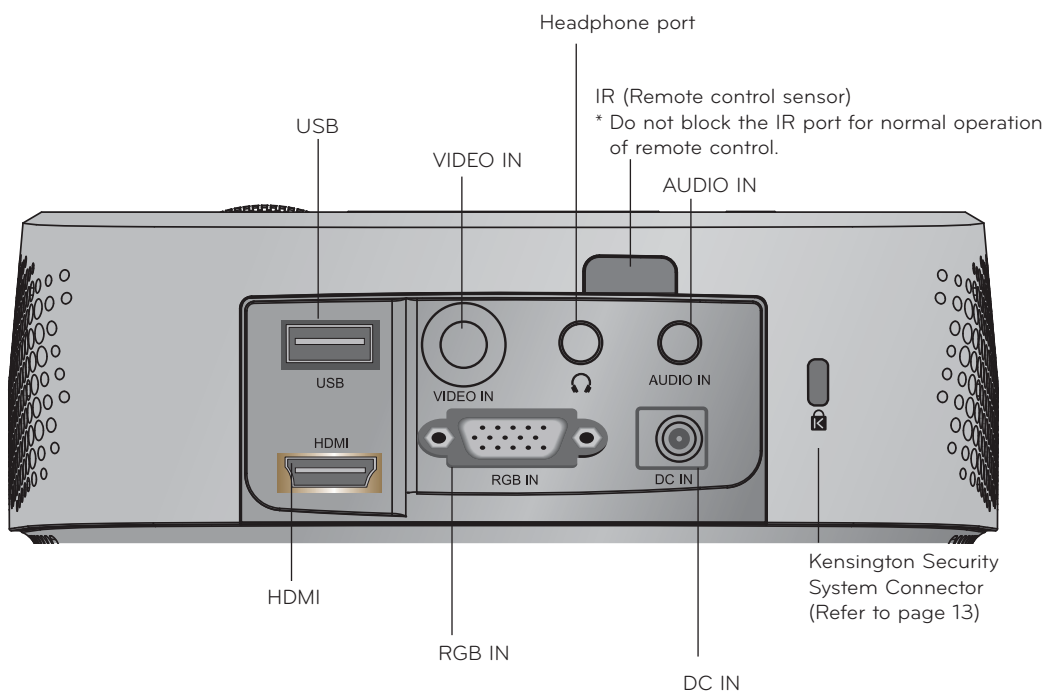


* Do not touch the lens when using the projector or opening the lens door.

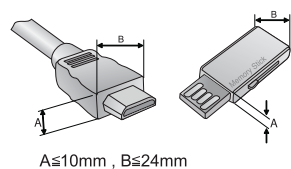
Control Panel



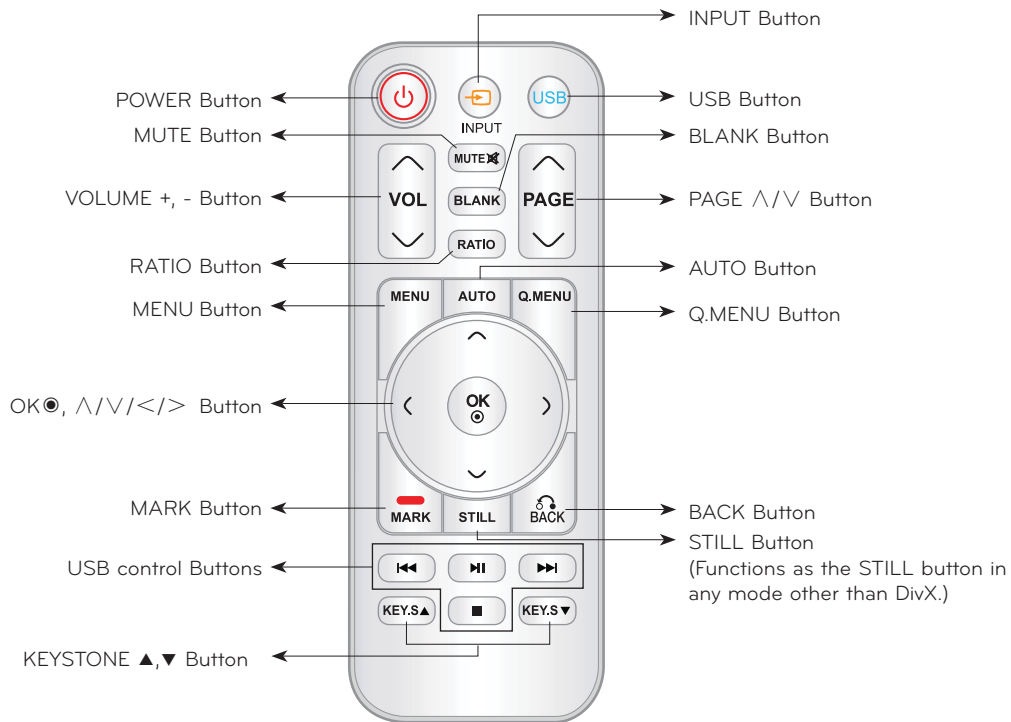
Connecting Part



*When using HDMI/USB connector, if the size of the jack connecting to the connector is too big, they may not be connected. Please use standard size jack.



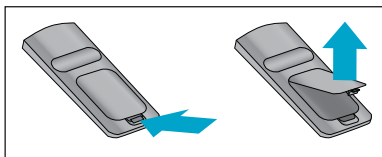
Remote Control



Installing Batteries

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED WITH AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.



- Open the battery compartment cover on the back of the remote control.
- Insert the specified type of batteries with correct polarity, match "+" with "+", and match "-" with "-".
- Install two 1.5V AAA batteries. Don't mix used batteries with new batteries.

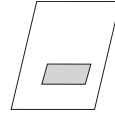
Accessories



Remote Control



AAA Battery



Owner's manual



CD Owner's manual



Power Cord



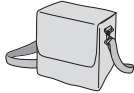
Computer Cable



AC-DC Adapter



RGB to Component Cable



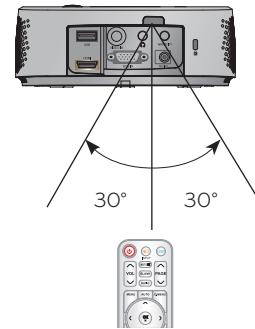
Portable bag



Polishing Cloth

Note!

- Use a remote control up to 6 meters distance and 30° (left/right) within the receiving unit scope.
- We recommend you to use the remote control under 3 m distance and 30° (left/right) when the cables are connected in the back outputs.
- 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 reduce the battery life significantly.



Optional Extras

* Contact your dealer to purchase these items.

* Optional parts can be changed without notice to improve the quality of the product, and new optional parts can be added.



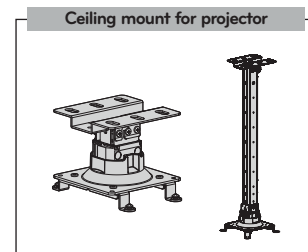
Projection Screen



Tripod



HDMI Cable



Video Cable



Audio Cable



Component Cable

Installing and Composition

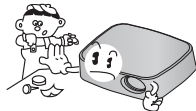
Installation Precautions

Provide proper ventilation for this projector.

- The projector is equipped with ventilation holes(intake) on the bottom and ventilation holes(exhaust) on the front. Do not block or place anything near these holes. Internal heat build-up may occur, causing picture degradation or damage to the projector.
- Do not place the projector on a carpet, rug or other similar surface. It may prevent a adequate ventilation of the projector bottom. This product should be mounted to a wall or ceiling only.



- Never push projector or spill any kind of liquid into the projector.
- Leave an adequate distance (30 cm or more) around the projector.



Place this projector in adequate temperature and humidity conditions.

- Install this projector only in a location where adequate temperature and humidity is available. (refer page 42)

Don't place the projector where it can be covered with dust.

- This may cause overheating of the projector.

Do not obstruct the slots and openings of the projector. This may cause overheating and create a fire hazard.

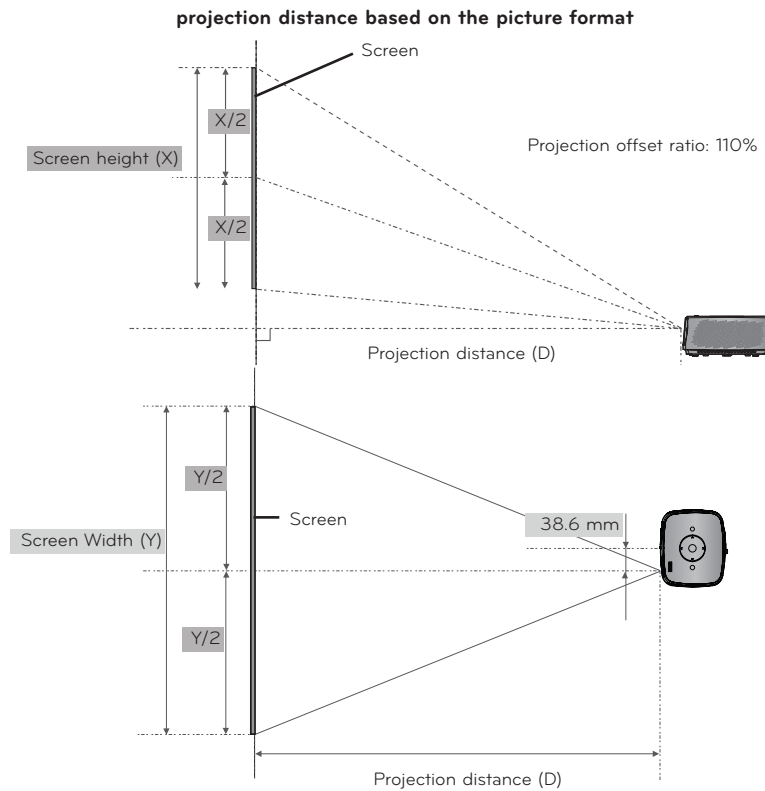
This projector is manufactured using high-precision technology. You may, however, see tiny black points and/or bright points (red, blue or green) that continuously appear on the projector Screen. This is a normal result of the manufacturing process and does not indicate a malfunction.

To display DTV programs, it is necessary to purchase a DTV receiver (Set-top Box) and connect it to the projector.

The remote control may not work when a lamp equipped with electronic ballast or a three-wavelength lamp is installed. Replace those lamps with international standard products to use the remote control normally.

Basic Operation of the Projector

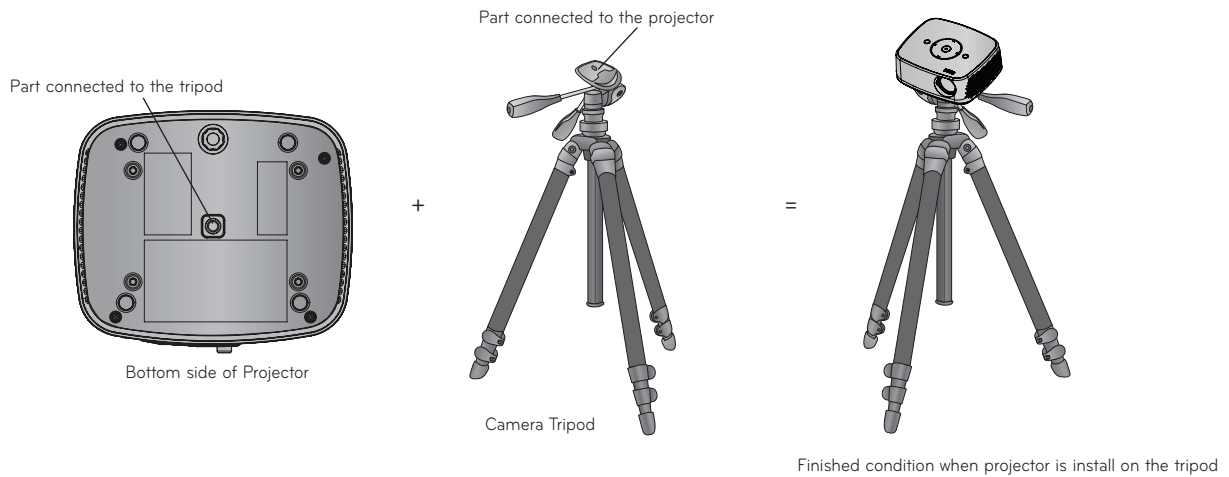
1. Place the projector on a sturdy and horizontal surface with the PC or AV source.
2. Place the projector with the desired distance from the screen. The distance between the projector and the screen determines the actual size of the image.
3. Position the projector so that the lens is set at a right angle to the screen. If the projector is not set at a right angle, the screen image will be crooked. Although, slight angles can be counteracted using the Keystone adjustment. (Refer to page 20.)
4. Connect the power cable to the projector and the wall outlet after placing the projector in its desired location.



4 : 3 Scale			
Diagonal Size (mm)	Horizontal Size (mm)	Vertical Size (mm)	Projection Distance (D) (mm)
508	406	305	549
635	508	381	686
762	610	457	823
889	711	533	961
1016	813	610	1098
1143	914	686	1235
1270	1016	762	1372
1397	1118	838	1509
1524	1219	914	1655
1651	1321	991	1785
1778	1422	1067	1922
1905	1524	1143	2060
2032	1626	1219	2195
2159	1727	1295	2335
2286	1829	1372	2470
2413	1930	1448	2610
2540	2032	1524	2750

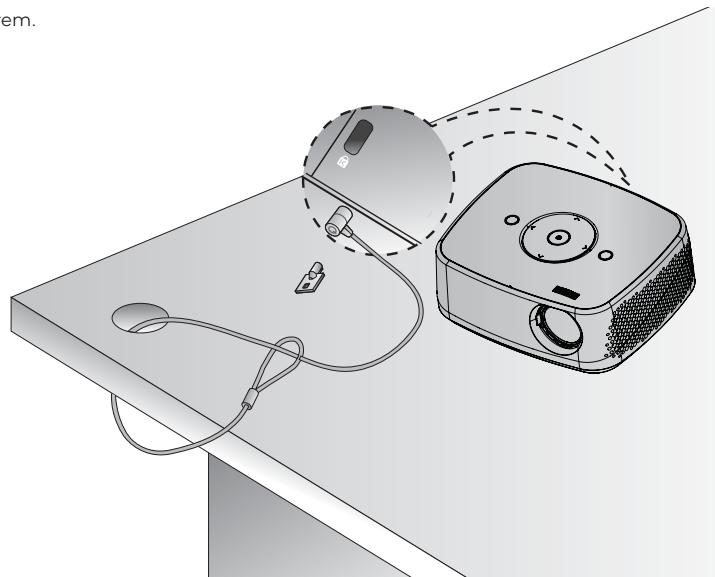
How to install the projector using the tripod

- * You can install this projector using a tripod for the camera. You can assemble the projector instead of the camera on camera tripod.
- * When stabilizing the tripod, we recommend using the locking bolt of the standard size 4.5 mm or less. The maximum size allowed for the locking bolt is 6.5 mm. (If it is longer than the maximum allowed size, it may damage the projector.)



Kensington Security System

- This projector has a Kensington Security System Connector on the side panel. Connect the Kensington Security System cable as below.
- For the detailed installation and use of the Kensington Security System, refer to the user's guide included with the Kensington Security System set. And for further information, contact <http://www.kensington.com>, the internet homepage of the Kensington company that deals with expensive electronic equipment such as notebook PCs or projectors.
- The Kensington Security System is an optional item.



Turning on the Projector

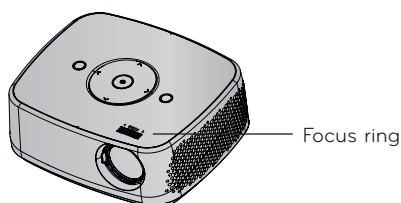
1. Make sure the power cord is connected correctly.
2. Press the **POWER** button on the top cover or the **POWER** button on the remote control. (The light on the control panel will be turned on.)
 - Press the **INPUT** button on the remote control to select the input signal you want.
 - When you press the **POWER** button on the remote control or the **POWER** button on the control panel when you turn on the projector, the lights for all buttons on the control panel will be turned on.
 - Check if the lens door is open before turning on the power.

Turning off the Projector

Press the **POWER** button on the top cover or the **POWER** button on the remote control.

Focus and Position of the Screen Image

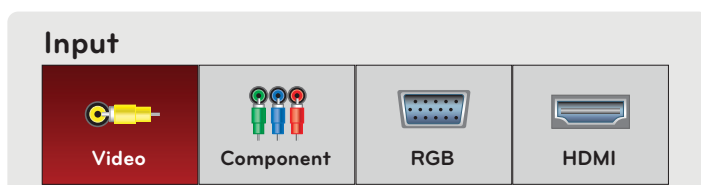
When an image appears on the screen, check if it is in focus and fits the screen properly.



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

Selecting input mode

1. Press the **INPUT** button on the remote control.
2. Selecting an input signal with the **INPUT** button will only change the projector only to connected inputs. You can change it to any inputs with the <, > button.



- The component input is always active, and it does not support plug &play function.

Connection

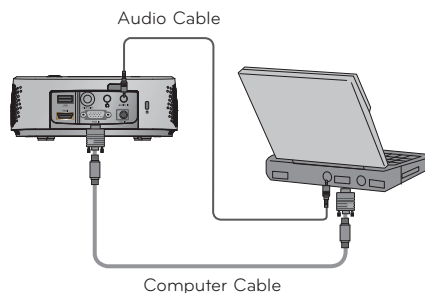
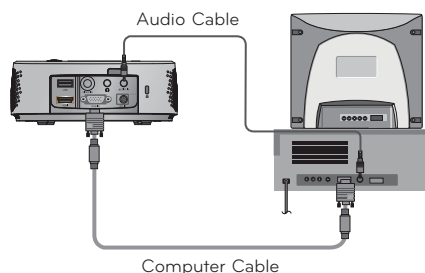
Connecting to a Desktop PC

- * You can connect the projector to a computer with VGA, SVGA, XGA, SXGA output.
- * Refer to page 41 for resolutions the projector supports.

< How to connect >

1. Connect the **RGB IN** of the projector and the computer output port with a computer cable.
2. Connect the **AUDIO IN** of the projector and the computer audio output port with an audio cable.

* You may have to change the resolution that your PC exports to one supported by the projector. Refer to page 41. This projector may not support output from laptops when the laptop screen is on.

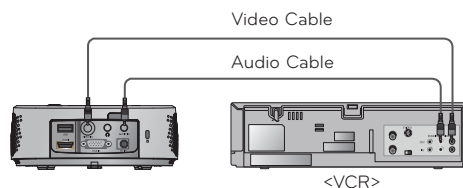


Connecting to a Video Source

- * You can connect a VCR, a camcorder or any other compatible video image source to the projector.

< How to connect >

1. Connect the **VIDEO IN** of the projector to the output jack of the video source with a video cable.
2. Connect the **AUDIO IN** of the projector to the output jack of the audio source with an audio cable.

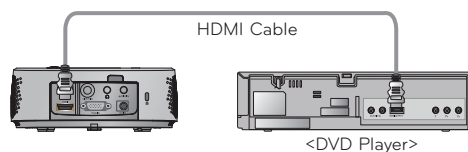


Connecting to a DVD Player

* Depending on the equipment, the component output jacks (Y, Pb, Pr) of the DVD Player may be labeled as Y, Pb, Pr/Y, B-Y, R-Y/Y, Cb, Cr.

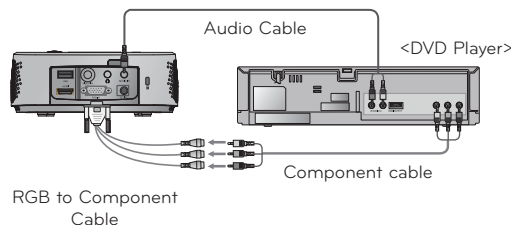
< How to connect a HDMI source >

1. Connect the **HDMI IN** of the projector and the HDMI output port of the DVD Player with an HDMI cable.
2. Set the DVD Player's resolution to one of the following: 480p(576p)/720p/1080i/1080p mode.



< How to connect a Component source >

1. After connecting the Component cable of DVD Player to the RGB to Component cable, connect it to the **RGB IN** terminal of the projector.
 - * When connecting the component cable, match the jack colors with the component cable.(Y=green, PB=blue, PR =red)
2. Connect the **AUDIO IN** of the projector to the output jacks of the audio source with an audio cable.

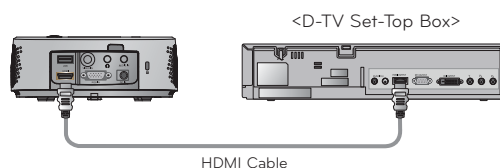


Connecting to a D-TV Set-Top Box

* To receive Digital TV (D-TV) programs, it is necessary to purchase a D-TV receiver (Set-Top Box) and connect it to the projector.
 * Please refer to the owner's manual of the D-TV Set-Top Box for the connection between the projector and D-TV Set-Top Box.

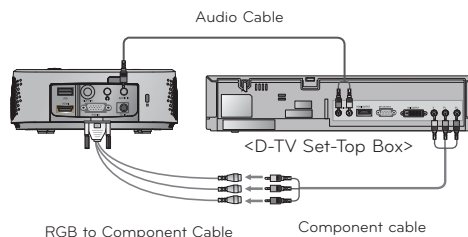
< How to connect a HDMI source >

1. Connect the **HDMI IN** of the projector and the HDMI output port of the DTV set-top box with an HDMI cable.
2. Set the DTV receiver's resolution to one of the following: 480p(576p)/720p/1080i/1080p mode.



< How to connect a Component source >

1. Connect the D-TV Set-Top Box Component cable with RGB to Component cable and then connect it to **RGB IN** of the projector.
 - * When connecting the component cable, match the jack colors with the component cable.(Y=green, PB=blue, PR =red)
2. Connect the **AUDIO IN** of the projector to the output jacks of the audio source with an audio cable.



Function

* The On-Screen Display (OSD) in this manual may be slightly different from your projector.

* This operating guide explains operation of RGB(PC) mode mainly.

PICTURE Menu Options

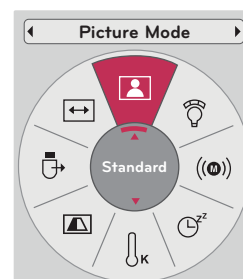
Picture mode

* Use the Picture mode function to set the projector for the best picture appearance.

1. Press the **Q.MENU** button on the remote control.
2. Press the **<**, **>** buttons to move to **Picture mode**.
3. Press the **^**, **v** button to toggle through the preset picture settings.

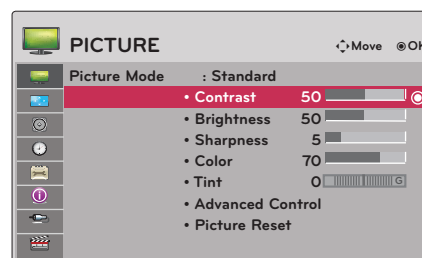


- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.



Adjusting Picture Mode

1. Press the **MENU** button. Then, move to **PICTURE** with the **^**, **v**, **<**, **>** buttons and press the **OK** button.
2. Press the **^**, **v** buttons to move to a desired function and press the **OK** button.
3. Press the **<**, **>** buttons to make a desired adjustment and then press the **OK** button.



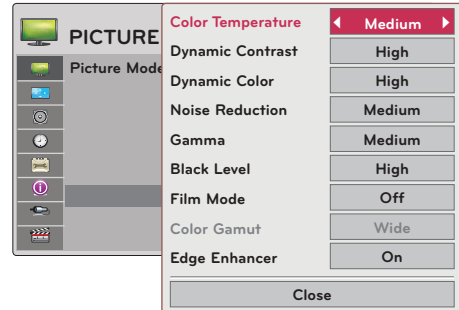
- You can set image values differently for each input and **Picture Mode**.
- Saving after making adjustments will display **(User)** in adjusted **Picture Mode**. (except **Expert 1/2**)
- Execute **Picture Reset** for **Picture Mode** to restore back to default factory settings.
- Press the **BACK** button to exit the menu screen.

Advanced Control Function

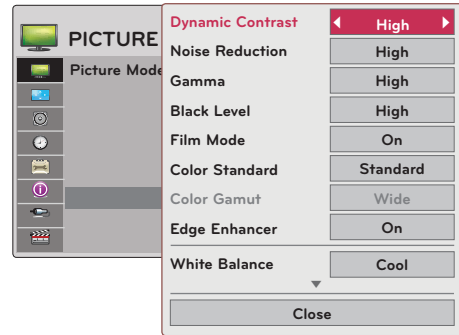
1. Press the **MENU** button. Then, move to **PICTURE** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **Advanced Control** and press the **OK** button.
3. Move to a desired item with the \wedge , \vee buttons.
4. Press the $<$, $>$ buttons to make a desired adjustment and then press the **OK** button.

- You can set image values differently for each input and **Picture Mode**.
- Execute **Picture Reset** for **Picture Mode** to restore back to default factory settings.
- Press the **BACK** button to exit the menu screen.

< When **Picture Mode** is **Vivid/Standard/Cinema/Sport/Game** >



< When **Picture Mode** is **Expert 1/2** >



Color Temperature	- This function enables Vivid/Standard/Cinema/Sport/Game . • Set to warm to enhance hotter colors such as red, or set to cool to make picture bluish.
Dynamic Contrast	• Adjusts the contrast to keep it at the best level according to the brightness of the screen. The picture is improved by making bright parts brighter and dark parts darker.
Dynamic Color	- This function enables Vivid/Standard/Cinema/Sport/Game . • Adjusts screen colors so that they look livelier, richer and clearer. This feature enhances hue, saturation and luminance so that red, blue, green and white look more vivid.
Noise Reduction	• Reduces screen noise without compromising video quality.
Gamma	Low : Make dark and middle gray level area of the picture brighter. Medium : Express original picture levels. High : Make dark and middle gray level area of the picture darker. • You can adjust brightness of dark area and middle gray level area of the picture.
Black Level	Low : The reflection of the screen gets darker. High : The reflection of the screen gets brighter. • Set black level of the screen to proper level. • This feature is disabled in RGB mode.
Film Mode	• Makes video clips recorded in film look more natural by eliminating judder effect. • DVD and Blu-ray movies are filmed at 24 frames per second.
Color Gamut	Standard : Displays standard color area. Wide : Mode to use and set the rich color area of the display. • Maximize the utilization of color to increase color quality.
Edge Enhancer	• Show clearer and distinctive yet natural corners of the video.
Color Standard	• Convert the color of a different video to HD color.

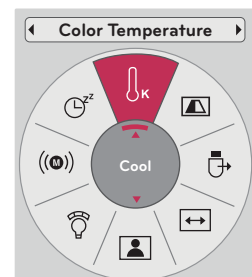
White Balance	<ul style="list-style-type: none"> - This function enables Expert 1/2. • This is the function to adjust the overall color of the screen to the feeling you want. <ol style="list-style-type: none"> a. Method : 2 Points <ul style="list-style-type: none"> - Pattern: Inner, Outer - Red/Green/Blue Contrast, Red/Green/Blue Brightness: The adjustment range is -50 ~ +50. b. Method : 20 Points IRE <ul style="list-style-type: none"> - Pattern: Inner, Outer - IRE (Institute of Radio Engineers) is the unit to display the size of the video signal and can be set among 5, 10, 15 - 95, 100. You can adjust Red, Green or Blue according to each setting. - Red/Green/Blue: The adjustment range is -50 - +50.
Color Management System	<ul style="list-style-type: none"> - This function enables Expert 1/2. • As the tool used by the experts to make adjustments by using the test patterns, this does not affect other colors but can be used to selectively adjust the 6 color areas (Red/Green/Blue/Cyan/Mgt/Yellow). Color difference may not be distinctive even when you make the adjustments for the general video. Adjusts Red/Green/Blue/Yellow/Cyan, Magenta. - Red/Green/Blue/Yellow/Cyan, Magenta Color: The adjustment range is -30 ~ +30. - Red/Green/Blue/Yellow/Cyan, Magenta Tint: The adjustment range is -30 ~ +30. - This feature is disable in PC mode.

Color Temperature Function

1. Press the **Q.MENU** button on the remote control.
2. Press the **<, >** buttons to move to **Color Temperature**.
3. Press the **^, v** button to toggle through the preset picture settings.



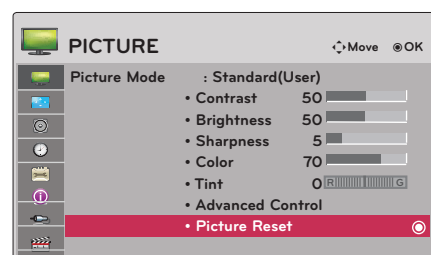
- This function enables **Vivid/Standard/Cinema/Sport/Game**.
- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.



Picture Reset Function

* Settings of the selected **PICTURE** function for each input and **Picture Mode** return to the default factory settings.

1. Press the **MENU** button. Then, move to **PICTURE** with the **^, v, <, >** buttons and press the **OK** button.
2. Press the **^, v** buttons to move to **Picture Reset** and press the **OK** button.
3. Press the **<, >** buttons to move to **Yes** and press the **OK** button.



- Press the **BACK** button to exit the menu screen.

SCREEN Menu Options

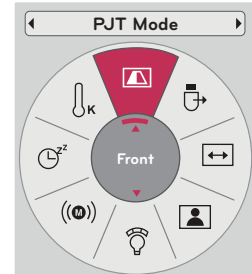
To Change PJT Mode

* This function turns the projected image upside down or flips horizontal.

1. Press the **Q.MENU** button on the remote control.
2. Press the **<**, **>** buttons to move to **PJT Mode**.

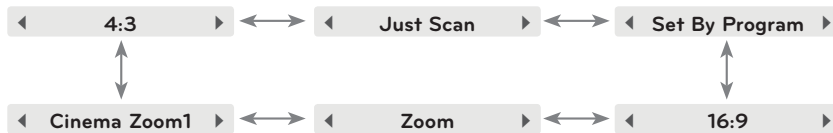
3. Press the **^**, **v** button to select a desired item.

- Select **Rear** when projecting from the back of the transparent screen purchased separately.
- Select **Ceiling** when installing the product on the ceiling.
- When **PJT Mode** is **Rear/Ceiling**, the left/right of the speaker changes automatically.
- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.

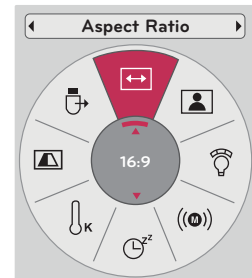


Using Aspect Ratio Function

Press the **RATIO** buttons to select a desired screen size.



- Some options may not be available depending on input signals.
- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.



Using Keystone Function

* Use this function when the screen is not at a right angle to the projector and the image is a trapezoid shape.

* Only use the **Keystone** function when you can't get the best angle of projection.

1. Press the **KEY.S▲**, **KEY.S▼** button of remote control.
2. Press the **KEY.S▲**, **KEY.S▼** button to adjust the screen condition as you want.



- **Keystone** can be adjusted from **-40** to **40**.
- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.

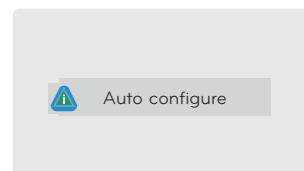
Auto Configure Function

* This function assures you of getting the best video quality by automatically adjusting the horizontal size and synchronization of the image.

* Auto Tracking function works in RGB PC input only.

Press the **AUTO** button of the remote control.

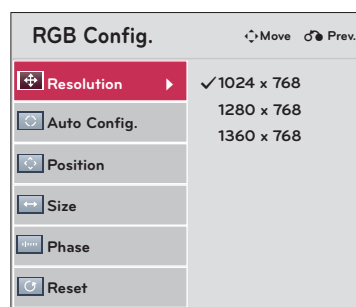
- If you execute screen adjustment for a video from PC graphic signal, optimal state may not be found. Execute the **Auto Configure** function for a still image.
- You can use this function through the **MENU** button.



RGB Config. Function

1. Press the **MENU** button. Then, move to **SCREEN** with the \wedge , \vee , \lt , \gt buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **RGB Config.** and press the **OK** button.
3. Move to a desired item with the \wedge , \vee buttons and then press the \gt button.
4. Press the \wedge , \vee , \lt , \gt button to adjust the screen condition as you want and then press the **OK** button.

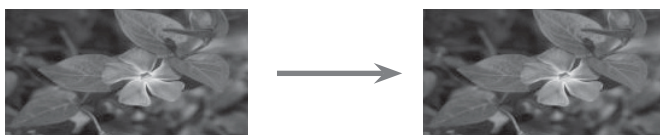
- **Resolution** can be chosen between 768 resolution (1024x768/1280x768/1360x768, 60Hz) .
- Press the **BACK** button to exit the menu screen.



Using the Still Function

1. Press the **STILL** button on the remote control.

* You can freeze the moving image.



2. To exit STILL, press any button.

* The STILL function will release automatically after approximately 10 minutes.

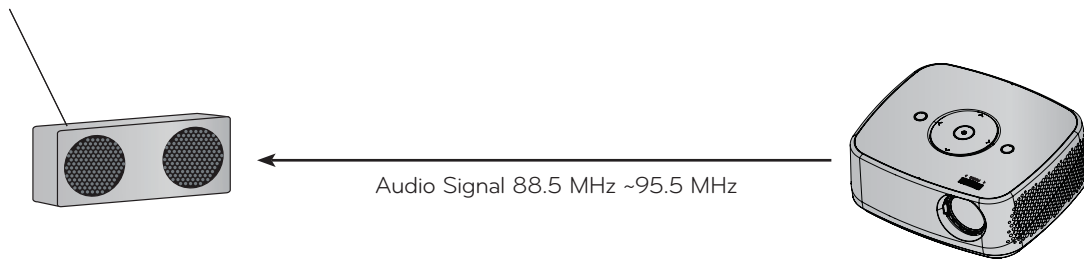
AUDIO Menu Options

What is FM Wireless Audio? (HX300G only)

FM Wireless Audio is a function to send out audio signals from the projector using FM frequency (88.5 MHz ~ 95.5 MHz).

The frequency of Projector and FM receiver should be same in order to output the sound from FM receiver normally.

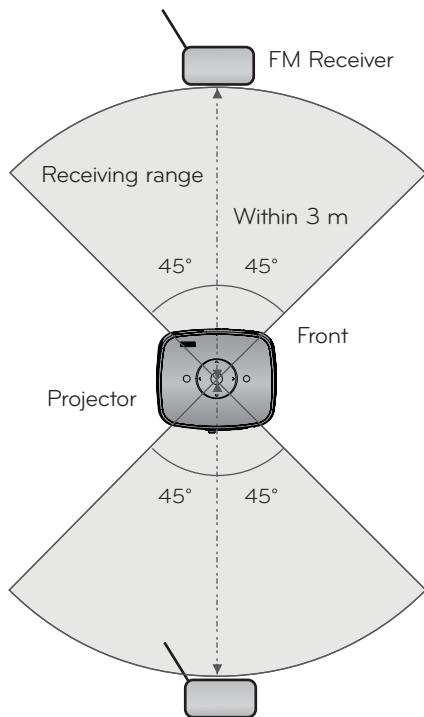
The signal can be received by using FM receiver within 3 m of distance.



< The recommended use range of FM receiver >

Install projector and FM receiver without any abstacles as shown on the figure below.

A FM receiver can be reached 5 m when the antenna length and direction are good.



< The recommended length of FM receiver Antenna >

We recommend to use a rod antenna 0.8 m ~ 1.5 m for better sound quality since audio noise can be detected when using under 0.8 m rod antenna.

Installing Instructions (HX300G only)

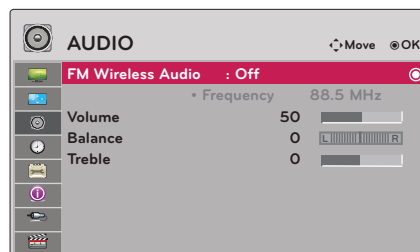
- If used in a medical institution, it may cause an error for medical equipments. Please do not use in a medical establishment.
- Please maintain the distance between the projector and FM receiver within 3 m.
- The sound from FM receiver may not come out in the desired quality if the distance is more than 3 m.
- Please adjust the location of FM receiver and its antenna and install them to where it shows a good condition of receiving reception.
- According to the installed location and environment, the receiving distance may become shorter and the sound may be interrupted due to:
 - If an obstacle is located near the projector and FM receiver.
 - If an obstacle passes near by the projector and FM receiver.
 - If the FM receiver is installed Left, Right, or diagonal line of projector
 - If the Projector or the FM receiver is located inside of a rack made of metal.
 - If other FM transmitter equipment is working near at the same frequency.
 - If there is a radio broadcast on air at the same frequency.
 - If working in the dusty, humid, or high temperature environment.

What do I do if the FM receiving signal is not good? (HX300G only)

- Please adjust the antenna of FM receiver or move the location of FM receiver.
- If there is no Audio signal or low reception, within 55 seconds the FM Wireless Audio function will shut down automatically.
- Please check the incoming audio signal.
- Please check if the power of projector or FM receiver is on.
- Please check if there is any obstacle between the projector and FM receiver.
- Please check if there is any metallic hardware or electronic product nearby.
- Please check if there is any radio broadcasting channel using the same frequency.
- If there is a radio broadcasting channel using the same frequency, please change to a different frequency on the projector.

To listen through the FM receiver speaker (HX300G only)

1. Press the **MENU** button. Then, move to **AUDIO** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **FM Wireless Audio** and press the **OK** button.
3. Press the \wedge , \vee buttons to move to **On** and press the **OK** button.
4. Press the \wedge , \vee buttons to move to **Frequency** and press the **OK** button.
5. Press the $<$, $>$ buttons to adjusting frequency and press the **OK** button.
6. Set the frequency of FM receiver to the frequency of the set projector.
 - Setting **FM Wireless Audio** as **on** disables **mute/volume/balance/ treble** functions.
 - There may be differences in the reception distance and the audio quality according to the type of FM receiver and installation locations.
 - FM frequency can be set between 88.5 ~95.5 MHz.
 - If you don't use the FM receiver or audio signals from the projector, **off** should be selected.
 - When power is back on, it is changed to **off** status.
 - Press the **BACK** button to exit the menu screen.



Adjusting Volume

Press the **VOLUME +, -** button on the remote control.

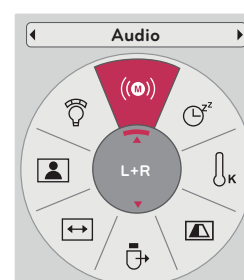
- If **FM Wireless Audio** is **on**, it does not function. Adjust with FM receiver.
- You can use this function through the **MENU** button.

Function Audio

1. Press the **Q.MENU** button on the remote control.
2. Press the $<$, $>$ buttons to move to **Audio**.
3. Press the \wedge , \vee button to select a desired item.



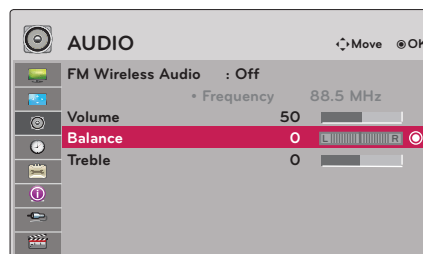
- This function enables if connected a headphone.
- Press the **BACK** button to exit the menu screen.



Adjusting Speaker Balance

* Adjust the left/right sound of speaker to suit your taste and room situations.

1. Press the **MENU** button. Then, move to **AUDIO** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **Balance** and press the **OK** button.
3. Press the $<$, $>$ buttons to adjusting audio balance and press the **OK** button.

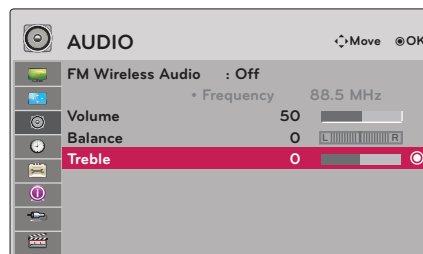


- If **FM Wireless Audio** is **on**, it does not function. Adjust with FM receiver.
- Press the **BACK** button to exit the menu screen.

Adjusting Treble

* Adjust the treble your taste and room situations.

1. Press the **MENU** button. Then, move to **AUDIO** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **Treble** and press the **OK** button.
3. Press the $<$, $>$ buttons to adjusting audio treble and press the **OK** button.



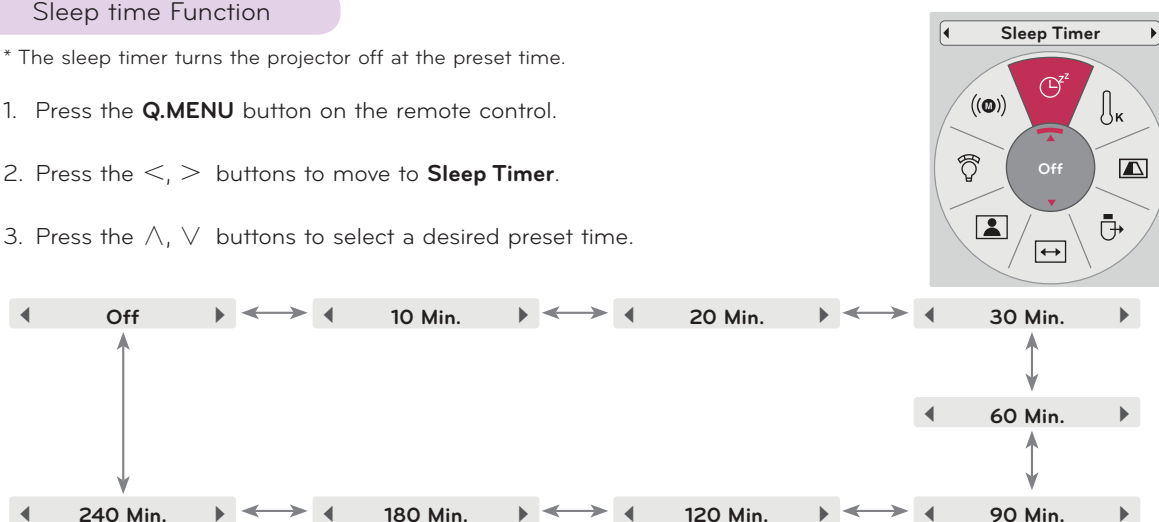
- If **FM Wireless Audio** is **on**, it does not function. Adjust with FM receiver.
- Press the **BACK** button to exit the menu screen.

TIME Menu Options

Sleep time Function

* The sleep timer turns the projector off at the preset time.

1. Press the **Q.MENU** button on the remote control.
2. Press the **<**, **>** buttons to move to **Sleep Timer**.
3. Press the **^**, **v** buttons to select a desired preset time.

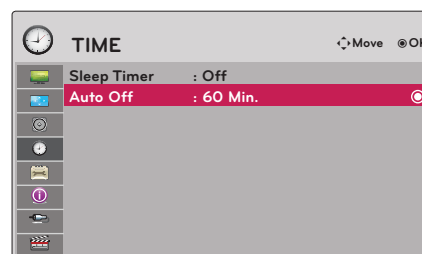


- You can use this function through the **MENU** button.
- Press the **BACK** button to exit the menu screen.

Auto Off Function

* This function turns the projector off automatically after the preset time is passed when there is no signal.

1. Press the **MENU** button. Then, move to **TIME** with the **^**, **v**, **<**, **>** buttons and press the **OK** button.
2. Press the **^**, **v** buttons to move to **Auto Off** and press the **OK** button.
3. Move to a desired item with the **<**, **>** buttons and then press the **OK** button.



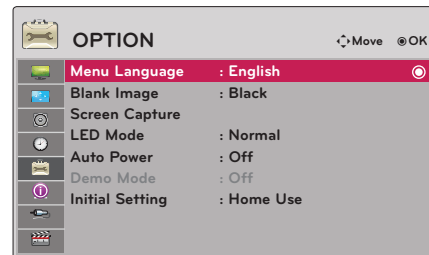
- Press the **BACK** button to exit the menu screen.

OPTION Menu Options

Selecting Language

1. Press the **MENU** button. Then, move to **OPTION** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **Menu Language** and press the **OK** button.
3. Move to a desired item with the \wedge , \vee , $<$, $>$ buttons and then press the **OK** button.

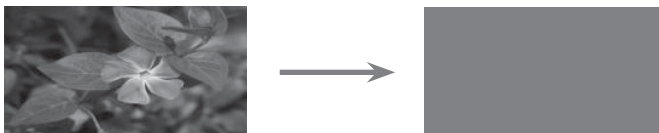
- On-Screen-Display (OSD) is displayed in the selected language.
- Press the **BACK** button to exit the menu screen.



Using Blank Function

* This function may be effective if you need to get the attention of the audience during presentations, meetings or briefings.

1. Press the **BLANK** button on the remote control.
 - The screen turns off to a background color.
 - You can choose the background color. (Refer to 'Selecting Blank image')
2. Press any button to cancel the blank function.
 - To temporarily turn off the lamp, press **BLANK** on the remote control. Do not block the projection lens with any objects when the projector is under operation as this could cause the objects to become heated and deformed or even cause a fire.



Selecting Blank image

1. Press the **MENU** button. Then, move to **OPTION** with the \wedge , \vee , $<$, $>$ buttons and press the **OK** button.
2. Press the \wedge , \vee buttons to move to **Blank Image** and press the **OK** button.
3. Move to a desired item with the $<$, $>$ buttons and then press the **OK** button.

- Background image will be altered to the selected Blank function image.
- If there is no Screen Captured, selecting **Captured Image** will display the Logo.
- Press the **BACK** button to exit the menu screen.

