

CE Compliance Statement  
The projectors complies with European Conformity.

Safety Certifications  
FCC,CE,ROHS,CCC,Q/ACTN

# **BRILENS<sup>TM</sup>**

## **EL800**

## **EL960**

## **EL1280**

### **LED PREOJECTOR**

### **User 's Guide**

P.C: 410000

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- Before using this product, please read this User Guide carefully.
- Please be sure to take good care of the book, so that they can access at any time.



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## Important Safety Information

### Important

It is strongly recommended that you read this section carefully before using the projector. These safety and usage instructions will ensure that you enjoy many years of safe use of the projector. Keep this manual for future reference.

### Symbols Used

Warning symbols are used on the unit and in this manual to alert you of hazardous situations. The following styles are used in this manual to alert you to important information.

### Warning

- \* Alerts you to situations that may damage the unit, create a hazardous environment, or cause personal injury.
- \* Throughout this manual, component parts and items in the OSD menus are denoted in bold font as in this example:
- \* "Push the Menu button on the remote control to open the Main menu."

### General Safety Information

- \* Do not place the unit on an unstable surface, cart, or stand.
- \* Avoid using the system near water, in direct sunlight, or near a heating device.
- \* Do not place heavy objects such as books or bags on the unit.
- \* Do not watch the lens directly (Specially children) it is bad for your eyes .

### Projector Installation Notice

- \* Place the projector in a horizontal position.
- \* Ensure that the intake vents do not recycle hot air from the exhaust vent.
- \* When operating the projector in an enclosed space, ensure that the surrounding air temperature within the enclosure does not exceed operation temperature while the projector is running, and the air intake and exhaust vents are unobstructed.
- \* All enclosures should pass a certified thermal evaluation to ensure that the projector does not recycle exhaust air, as this may cause the device to shutdown even if the enclosure temperature is within the acceptable operation temperature range.

### Power safety

- \* Only use the supplied power cord.
- \* Do not place anything on the power cord.
- \* Ensure the voltage matches with projector.
- \* Remove the batteries from the remote control when storing or not in use for a prolonged period.

## Notice

### FCC Compliance Statement

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 when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

Changes or modifications not expressly approved by the parties responsible for compliance could void the user's authority to operate the equipment.

## TECHNICAL SPECIFICATION

Specification-EL1280	
Brightness(Max)	3500lumens
Aspect Ratio	4:3,16:9
Display Technology	LCD
Lens Zoom(standard)	Digital Zoom
Native Resolution	1280 x 768
Project Method	Front/Desk/Ceiling mount options
Lamp Life	Standard 20,000hours, Eco Mode 30,000hours
Projection Distance	3.94-32.80ft(1.2-10m)
Ports	HDMI*2/ USB*3/AV/VGA/YPbPr/Audio-out/RJ45
Monitor Output	Yes
Audio Output	3.5mm mini-jack output for computer and video
Projector Control	Remote Control
Supply Voltage	110V-240V 50/60HZ
Speaker	Built in 8w
Operating Temperature	5-40°C
Languages	Support 23 Languages
Keystone	-15 degrees to +15 degrees
Video Compatibility	480p/575i/480i/720p/1080i/1080p 3D support

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No image appears on the screen  
The image is blurred  
The image is wider at the top or bottom (trapezoid effect)  
The image is reversed  
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The image is flat with no contrast

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The projector does not respond to the remote control

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There is no sound  
The sound is distorted  
Having the projector serviced

### Technical Specification

## NOTICE

FCC Compliance Statement  
CE Compliance Statement  
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## IMAGE PROBLEMS

### Problem: No image appears on the screen

1. Verify the settings on your notebook or desktop PC.
2. Turn off all the equipment and power everything up again. The projector should be turned on last.

### Problem: The image is blurred

1. Adjust the Focus on the projector.
2. Press the Image button on the remote control.
3. Ensure the projector-to-screen distance is within the specified range.
4. Check that the projector lens is clean.

### Problem: The image is wider at the top or bottom (trapezoid effect)

1. Position the projector so it is as perpendicular to the screen as possible.
2. Use the Keystone button on the control panel to correct the problem.

### Problem: The image is reversed

1. Check the Projection setting on the Picture menu > Project Direction .
2. Choose the projection way of Front.

### Problem: The image is flat with no contrast

Adjust the Contrast setting on the Picture menu > Picture Mode > User > Contrast.  
Problem: The color of the projected image does not match the source image.

### Problem: The projector does not respond to the remote control

1. Direct the remote control towards remote sensor on the front of the projector.
2. Ensure the path between remote and sensor is not obstructed.
3. Turn off any fluorescent lights in the room.
4. Check the battery polarity.
5. Replace the battery.
6. Turn off other infrared-enabled devices in the vicinity.
7. Replace the remote control.

## SOUND PROBLEMS

### Problem: There is no sound

1. Adjust the volume on the remote control or control panel.
2. Press the Source button to switch to the correct input source, if necessary.
3. Check your computer or video source to make sure the volume is turned up and the audio output is set for the correct source.
4. Check the audio cable connections between the projector and your video source.
4. Test the source audio output with other speakers.
5. Have the projector serviced.

### Problem: The sound is distorted

1. Check the audio cable connection.
  2. Test the source audio output with other speakers.
  3. Have the projector serviced.
- Having the Projector Serviced

If you are unable to solve the problem, you should have the projector serviced. Pack the projector in the original carton and contact BRILENS Support at [www.brilens.com](http://www.brilens.com) or call us.

4.Close the battery cover and press it down until it clicks into place.

### Warning

Dispose of used batteries according to local regulations. Do not expose batteries to heat or flame. Keep batteries out of the reach of children; they are choking hazards and are very dangerous if swallowed.

### Transporting the projector

The projector contains precision parts, some of which are glass. Follow these guidelines to transport or ship the projector safely:

\*Remove any equipment connected to the projector.

\*Do one of the following:

\*If you are using the standard zoom lens, keep it installed on the projector.

\*If you are using an optional lens unit, remove it from the projector.

\*If the projector did not come with a lens, attach the cover that was included with the projector to the lens mount.

\*When transporting the projector a long distance or as checked luggage, pack it in a firm box with cushioning around it and mark the box "Fragile."

### Solving Problems

#### Common Problems And Solutions

These guidelines provide tips to deal with problems you may encounter while using the projector. If the problem remains unsolved, contact your dealer for assistance. After spending time troubleshooting, the problem can often be traced to something as simple as a loose connection. Check the following before proceeding to the problem-specific solutions.

1. Use some other electrical device to confirm that the electrical outlet is working.
2. Ensure the projector is turned on.
3. Ensure all connections are securely attached.
4. Ensure the attached device is turned on.
5. Ensure a connected PC is not in a suspended mode.
6. Ensure a connected notebook computer is configured for an external display.

#### "No Signal" Message Appears

If the "No Signal" message appears, try the following solutions:

- 1.Press the Source button and wait a few seconds for an image to appear.
- 2.Turn on the connected computer or video source, and press its play button to begin your presentation, if necessary.
- 3.Check the connection from the projector to your video sources.
- 4.If you are projecting from a laptop computer, make sure it is set up to display on an external monitor.
- 5.If necessary, turn the projector and the connected computer or video source off and turn on again.

## INTRODUCTION

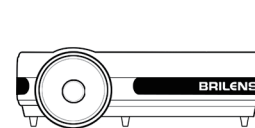
### Projector features

Our projectors integrates high-performance optical engine of projection technology and a user-friendly design to deliver high reliability and easy of use.

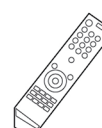
Pro EL1280 have the following features:

- 1.Native resolution 1280 x 768 full hd 720P.
- 2.LED lamp Life is very long: 20,000 Hours, No extra cost to replace the lamp.
- 3.Built-in RJ45 port.
- 4.Full sealed optical lens ensure clear free.
- 5.Full sealed,Dustproof and Rapid Heat Dissipation were awarded the patent.
- 6.Support numerous languages on-screen menus.
- 7.Built-in speakers for stereo audio.

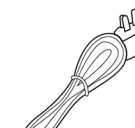
### Package checklist



Projector with standard zoom lens



Remote control



Power cable



Instruction manual



Screws for ceiling mount

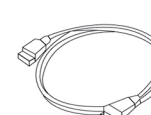
### Optional components



VGA



AV



HDMI

Depending on how you use the projector,you may need to obtain the above components.

\*To connect a computer through its VGA port to the projector. You need a VGA cable or adapter.

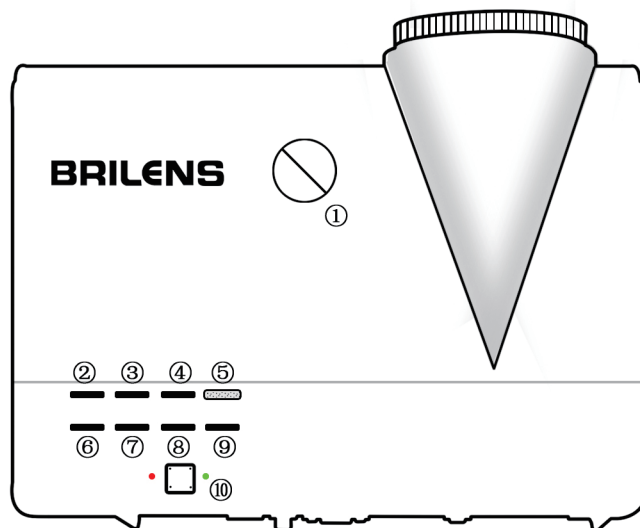
\*To receive a composite video signal, you need an AV cable compatible with your device.

\*To receive an HDMI signal,you need a compatible HDMI cable.

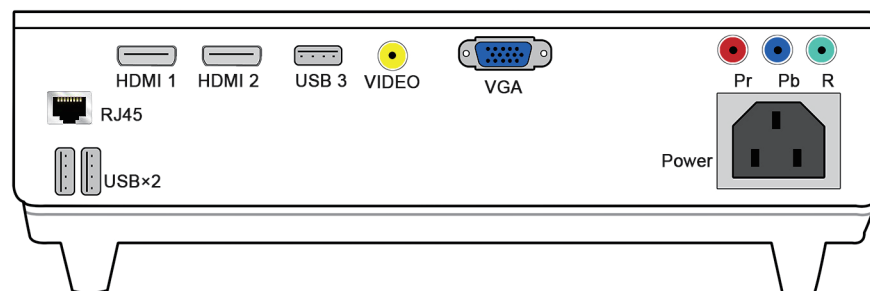
## PROJECTOR PART LOCATIONS

### Projector Parts - Front/Top

- ① Keystone Correction Button
- ② Power button
- ③ Source button
- ④ Up button
- ⑤ Vkey(Enter) button
- ⑥ Menu button
- ⑦ Left button
- ⑧ lower button
- ⑨ Right button
- ⑩ IR receiver



### Projector Parts - Rear



## MAINTAINING PROJECTOR

### Cleaning the lens

Clean the projector's lens periodically, or whenever you notice dust or smudges on the surface.

\*To remove dust or smudges, gently wipe the lens with lens-cleaning paper.

\*To remove stubborn smudges, moisten a soft, lint-free cloth with lens cleaner and gently wipe the lens. Do not spray any liquid directly on the lens.

### Warning

Do not use a lens cleaner that contains flammable gas. The high heat generated by the projector lamp may cause a fire.

### Caution

Do not use glass cleaner or any harsh materials to clean the lens and do not subject the lens to any impacts; you may damage it. Do not use canned air, or the gases may leave a residue. Avoid touching the lens with your bare hands to prevent fingerprints on or damage to the lens surface.

### Cleaning the Projector Case

Before cleaning the projector case, turn off the projector and unplug the power cord.

\*To remove dust or dirt, use a soft, dry, lint-free cloth.

\*To remove stubborn dirt, use a soft cloth moistened with water and mild soap. Do not spray liquid directly on the projector.

### Caution

Do not use wax, alcohol, benzene, paint thinner, or other chemicals to clean the projector case. These can damage the case. Do not use canned air, or the gases may leave a residue.

### Replacing the remote control batteries

The remote control uses two AAA manganese or alkaline batteries. Replace the batteries as soon as they run out.

### Caution

Use only the type of batteries specified in this manual. Do not install batteries of different types, or mix new and old batteries.

1. Open the battery cover
2. Remove the old batteries

### Warning

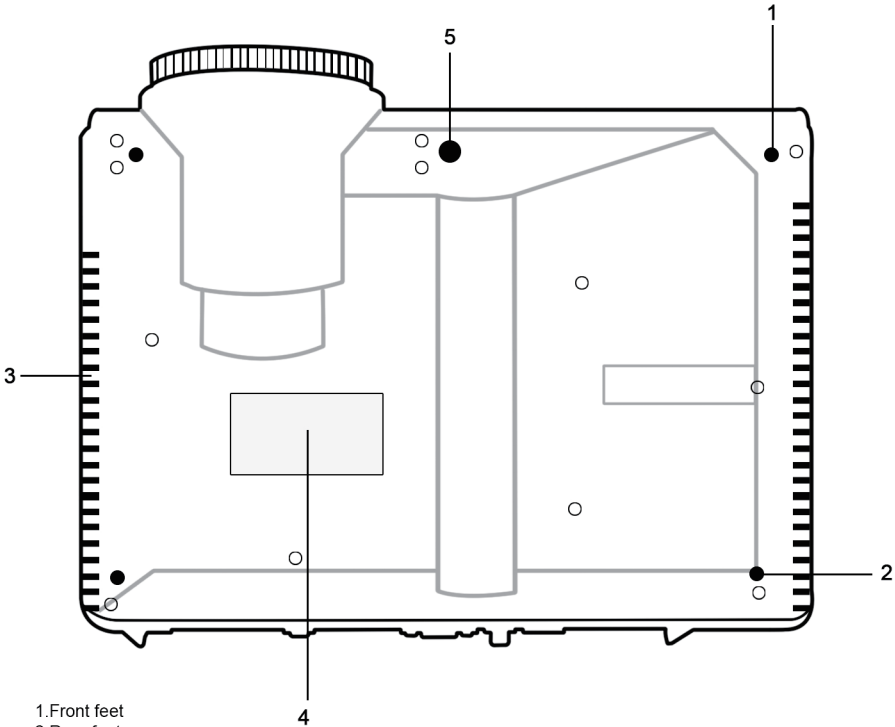
If the battery fluid has leaked, wipe it away with a soft cloth and avoid getting the fluid on your hands. If it gets on your hands, wash them immediately to avoid injury.

3. Insert the batteries with the + and – ends facing.

# MENU INSTRUCTION

Main Menu	Submenu	Submenu Items
Picture	Picture Mode	Dynamic/Standard/Mild/User (Contrast,Brightness,Color,Sharpness)
	Color Temperature	Medium/Warm/Cool/User(Red,Blue,Green)
	Aspect Ratio	Auto/4:3/16:9/Zoom1/Zoom2/Just Scan/Panorama/Point To Point
	Noise Reduction	Off/Low/Middle/High/Default
	Projection Direction	Front/Ceiling,Rear/Ceiling,Front,Rear
	Picture Brightness	Saving,Standard,Light
	Reduce Display Size	-/+
Sound	Sound Mode	Sports/Standard/Music/Movie/User(Treble,Bass)
	Balance	-/+
	Auto Volume	On/Off
	Surround Sound	Off/Surround/SRS TruSrround XT
	EQ	120Hz 80/500Hz 80/1.2KHz 80/7.5KHz 80/12KHz 80
Time	Clock	Day/Month/Year/Hour/Minute
	Off Time	Off/Once/Every Day/Mon.-Fri/Mon.-Sat/Sat.-Sun
	On Time	Off/Once/Every Day/Mon.-Fri/Mon.-Sat/Sat.-Sun
	Sleep Timer	Off/10Mins/20Mins/30Mins/60Mins/90Mins/120Mins/180Mins/240Mins
	Auto Sleep	On/Off
Time	OSD Language	English/Dansk/Italiance/Francais/Magyar/Chinese.etc
	Restore Factory Default	YES/NO
	Color Range	0-255/16-235
	OSD Blend	-/+
	Temperature	Temp.Red/Temp.Blue/Temp.Green
	Software Update(USB)	Detect USB

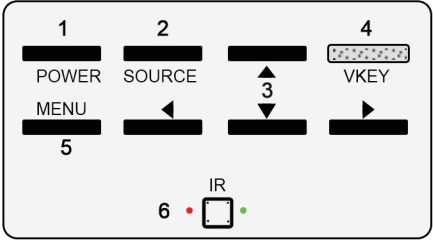
Projector Parts - Rear



- 1.Front feet
- 2.Rear feet
- 3.Vent
- 4.Product item number
- 5.Mounting bracket holes

Projector Parts - Control Panel

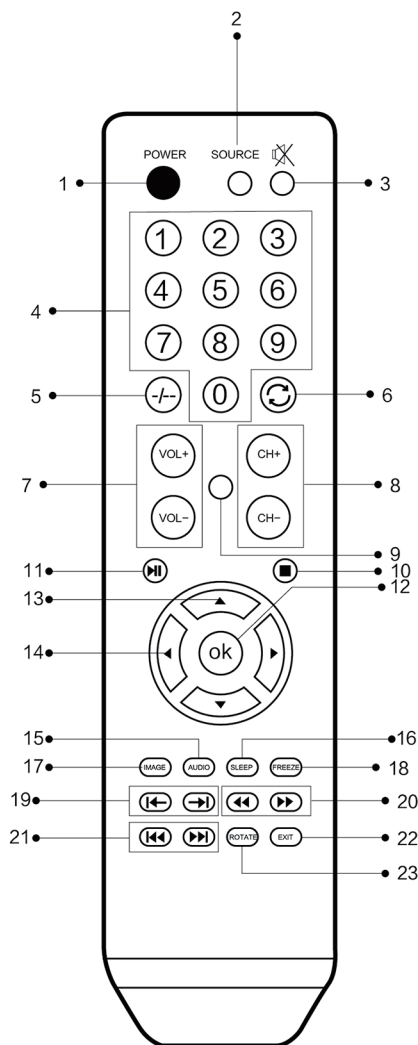
- 1.Power Button
- 2.Source button
- 3.Direction button
- 4.Vkey(Enter ) button
- 5.Mune button
- 6.IR receiver





## Projector Parts - Remote Control

- 1.Power button
- 2.Source button
- 3.Mute button
- 4.Number button(Enter button )
- 5.Single and Double channel switch button
- 6.Back button
- 7.Volume +/- button
- 8.Channel +/- button
- 9.Mute button
- 10.Stop button
- 11.Play/Pause button
- 12.Ok button
- 13.up/down arrow button
- 14.Right/Left arrow button
- 15.Audio button
- 16.Sleep button
- 17.Image button
- 18.Freeze button
- 19.Previous/Next Song button
- 20.Fast Forward/Backward button
- 21.Page up/down button
- 22.Exit button
- 23.Rotate button



## IMAGE ASPECT RATIO

### Changing the Image Aspect Ratio

You can change the aspect ratio of the displayed image to resize it.

**Note:** Set the Screen Type setting in the projector's Extended menu before changing the aspect ratio.

- 1.Turn on the projector and switch to the image source you want to use.
- 2.Press the Menu button on the remote control or control panel, then choosing Aspect Ratio to change the Image Aspect Ratio.

**Note:**The shape and size of the displayed image changes, and the name of the aspect ratio appears briefly on the screen.

### Available Image Aspect Ratios

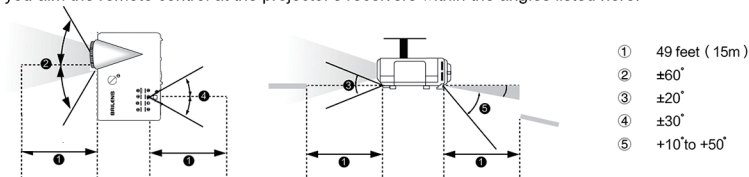
You can select the following image aspect ratios, depending on the selected Screen Type setting and the input signal from your image source.

**Note:** Black bands and cropped images may project in certain aspect ratios, depending on the aspect ratio and resolution of your input signal.

### Remote Control Operation

The remote control lets you control the projector from almost anywhere in the room, up to 49 feet (15 m) away. You can point it at the front or rear of the projector.

Make sure that you aim the remote control at the projector's receivers within the angles listed here.



**Note:** Avoid using the remote control in conditions with bright fluorescent lights or in direct sunlight, or the projector may not respond to commands. If you will not use the remote control for a long time, remove the batteries.

### Controlling Volume with the volume buttons

You can use the Volume buttons on the remote control to adjust the volume as you project a presentation with audio. The volume buttons control the projector's internal speaker system or any external speakers you connected to the projector.

- 1.Turn on the projector and start a presentation that includes audio.
- 2.To lower or raise the volume, press the Volume - or Volume + buttons on the remote control.

### Setting the data and time

You can set the date and time for the projector.

- 1.Press the Menu button.
- 2.Select the menu Time > Clock and press Enter.
- 3.Setting the Day/Month/Year/Hour/Minute and press Enter.



## Project Way Setting

1. Select the **Picture** menu > **Projection Direction** and press **OK**.
2. Press up and down button to choose the way you want to set (Front/Ceiling, Rear/Ceiling, Front, Rear).
3. When you are finished, press the **Exit** or **Menu** button to return.

## Setting the Screen Type

You can use the Screen Type setting to match the aspect ratio of the displayed image to the screen being used.

1. Turn on the projector and display an image.
2. Press the **Menu** button.
3. Select **Picture** > **Aspect Ratio**, then choose the Screen type you need.
4. When you are finished, press the **Exit** or **Menu** button to return.

## Reducing the Image Size

You can adjust the image size if there are beyond between the edge of the image and the projected screen frame.

1. Turn on the projector and display an image.
2. Press the **Menu** button.
3. Select **Picture** > **Screen** > **Reduce Display Size**.
4. When you are finished, press the **Exit** or **Menu** button to return.

## Adjusting the Image Height

If you are projecting from a table or other flat surface, and the image is too high or low, you can adjust the image height using the projector's adjustable feet.

1. Turn on the projector and display an image.
2. To adjust the image height, rotate the front foot to extend or retract it
3. If the image is tilted, rotate the rear feet to adjust their height.

If the projected image is unevenly rectangular, you need to adjust the image shape with Keystone Function Key on the control panel.

## Adjusting the Image Position Using Keystone Correction Button

Sometimes, the user may find the image is ladder-shaped. Please use the button "Keystone Correction" on the cover of the projector to adjust the position of the projected image as necessary.

### Note

Please rotate the button carefully. If you feel it can't rotate, please stop. Otherwise, the button may break.

## INSTALL PROJECTOR

### Projector placement

\*You can place the projector on almost any flat surface to project an image.

\*You can also install the projector in a ceiling mount if you want to use it in a fixed location.

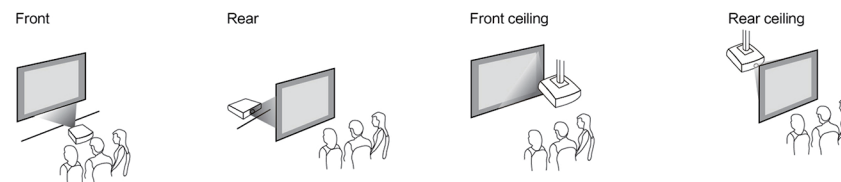
### Caution

\*Place the projector on a sturdy, level surface or install it using a compatible mount.

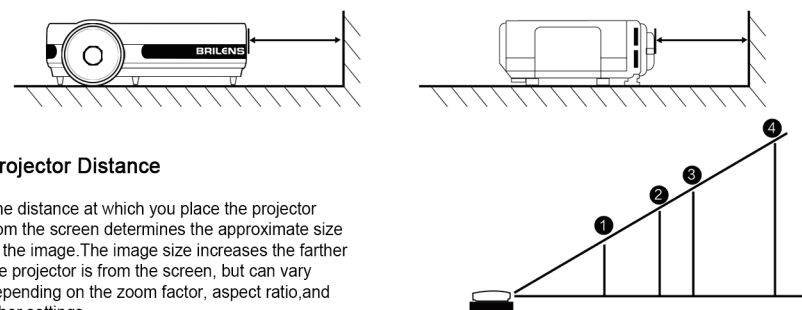
\*Leave plenty of space around and under the projector for ventilation, and do not place anything that could block the vents.

### Projector setup and installation options

#### Ways of installation



**Note:** Leave at least 20 inches (50 cm) of space in front of air exhaust and intake vents when setting up multiple projector, 20 inches (50 cm) of space between the projector.



### Projector Distance

The distance at which you place the projector from the screen determines the approximate size of the image. The image size increases the farther the projector is from the screen, but can vary depending on the zoom factor, aspect ratio, and other settings.

### Standard Zoom Lens--16:9 Aspect Ratio

	Projection distance	Screen or image size
01	2.44m	63 inch
02	3.62m	100 inch
03	4.3m	120 inch
04	4.8-6m	200inch