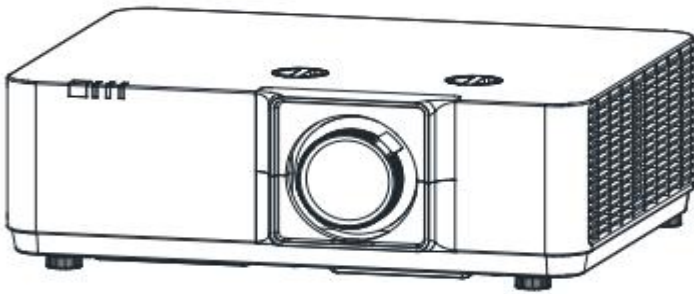




LU60ST

User Manual



-Before using this product, please read this manual carefully and keep it for future reference.

-Before using this product, be sure to carefully read the 'Important Safety Instructions'.

Statement

Disclaimer

Disclaimer: We have made every effort to ensure the accuracy and reliability of the information provided in this document. However, as products continue to be improved, the information in this document is subject to change without notice. We do not assume any responsibility for omissions or inaccuracies. Updated versions of this document are released periodically as needed. Please contact the manufacturer to obtain the updated version.

Warranty

Under normal use and storage conditions, the manufacturer provides a warranty for any material and workmanship defects of this product. Proof of purchase date is required when requesting warranty service. If a defect is found in this product during the warranty period, the sole obligation of the manufacturer and your exclusive remedy is to replace any defective parts. If a defect is found in the product you purchased, you should immediately notify the dealer to obtain warranty service.

Important Notice: The above warranty will not apply if the customer does not use this product according to the written instructions. In particular, the environmental humidity must be between 10% and 90%, the temperature between 0°C and 35°C, the altitude below 5000 meters, and avoid operating this projector in dusty environments.

This device contains a radio transmitter module with the model approval code: CMIIT ID: 2022AP12247



This symbol warns users that uninsulated voltage inside the projector may be sufficient to cause electric shock.



This symbol alerts users to important information regarding the operation and maintenance of this machine. Please read such information carefully to avoid problems.

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■ General Precautions

- ◆ Please read this manual carefully before using this projector and keep it for future reference.
- ◆ Installation, operation, and maintenance should be carried out by qualified personnel authorized by the company.
- ◆ All warnings displayed on this projector and listed in this manual should be followed.
- ◆ You must strictly follow all instructions regarding the operation and use of this projector.
- ◆ All local installation regulations should be followed.

This equipment complies with international safety standards. These standards pertain to the safety of information technology equipment and impose strict requirements on the use of important safety components, parts, materials, and insulators to protect users and operators from the following hazards:

- Electric shock;
- Hazards related to energy
- On fire
- Heat-related hazards
- Mechanical hazard
- Radiation
- Chemical Hazard

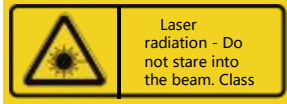
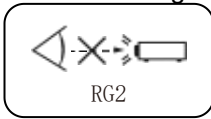
■ General warning information

- ◆ Failure to follow the safety instructions below may cause harm to your eyes and skin.
- ◆ Never look directly at the projector lens or laser output. Extremely high brightness can cause permanent eye damage. To avoid ultraviolet radiation, keep the projector casing intact while it is operating. We recommend using protective safety equipment and wearing goggles during maintenance.
- ◆When the laser is on, never open the protective casing.
- ◆ Reflective objects are not allowed in the laser beam.
- ◆ The projector should be placed on a level surface.
- ◆The projector should be placed in a well-ventilated area, and nothing should obstruct the air intake or exhaust vents. Do not place the projector on a tablecloth or other soft covering, as this may block the vents.
- ◆ The projector should be placed at least 1.2 meters away from any heating or air conditioning vents.
- ◆ Normal operating ambient temperature: 0°C–35°C.
- ◆ For the correct startup and shutdown procedures, please refer to the manual.
- ◆ Do not use for extended periods in environments with oil smoke, fumes, or moisture condensation / reduce use during thunderstorms.
- ◆ Do not place items within 0.6 meters on either side of the projector.
- ◆ Do not let strong external light enter from the direction of the lens, as it may damage the internal optical components.

Safety

Important Safety Instructions

■ Laser Warning Instructions



Warning: Do not stare into the beam
RG2 Projector
Same as with any bright light source
Do not stare directly into the beam
RG2 GB/T30117.5-2019

Warning: Laser radiation
Avoid exposure to the beam
Class 2 laser product

- ♦ Retinal blue light hazard 300nm~700nm: Do not look at the light while it is on, as it may damage your eyes.
- ♦ Retinal thermal hazard 380nm~1400nm: Do not look at the light while it is on, as it may damage your eyes.
- ♦ Cornea/Lens Infrared Hazard 780nm~3000nm: Avoid direct exposure to the eyes, use appropriate shielding protection, or take eye protection measures.
- ♦ Retinal thermal hazard from minor visual stimulation 780nm~1400nm: Do not look at the light while it is on.

■ Prevent electric shock hazards

- ♦ This projector should be powered by an AC power source. Please ensure that the main voltage matches the rated power of the projector. If your installation environment cannot meet the AC power requirements, please contact an electrician.
- ♦ Installation should only be carried out by qualified technicians in accordance with local electrical codes and regulations.
- ♦ This device uses a three-prong power cord, which includes a protective grounding wire (PE) in the single-phase line. If your installation environment cannot meet AC power requirements, please contact an electrician and do not neglect the importance of grounding.
- ♦ To completely disconnect the projector from all power sources, turn off the projector and unplug the power cord.
- ♦ If an extension cord is needed, a power cord with a current rating not lower than the projector's rated value should be used. Using a power cord with a rating lower than the projector's current may cause overheating.
- ♦ Do not disassemble this projector. When it needs maintenance or repair, be sure to have it handled by authorized service personnel.
- ♦ Do not let any liquids spill onto this projector.
- ♦ To better protect this product during thunderstorms or when not in use for an extended period, please unplug it from the wall outlet. This can prevent damage to the device from lightning or power surges.

■ Prevent personal injury

- ♦ To prevent personal injury and physical damage, you must refer to this manual and all labels on the system before plugging the power cord into the power outlet or adjusting the project.

Safety

- ◆ To prevent injuries, ensure that the lens and all covers are properly installed.
- ◆ Before attempting to move or disassemble the projector, you must turn off the projector and unplug it from the wall outlet.

◆ When it is necessary to turn off the projector to access internal components, the power cord must be disconnected, and the power cord must be unplugged from the power input socket (authorized service personnel only). If the power input socket on the projector is not easily accessible (e.g., in a ceiling installation), a conveniently reachable disconnect device should be installed in the fixed wiring.

◆ Warning: This projector uses a high-brightness laser light source. Do not attempt to look directly into the lens or the laser light output.

◆ Never observe the end of the laser beam while the equipment is operating. Laser radiation is harmful to the human eye and may cause injury.

◆ Lasers have high energy density, which can be dangerous to skin tissue and may cause electrical, chemical, and non-ionizing radiation hazards.

◆ In a residential environment, operating this device may cause radio interference.

■ Prevent fires

◆ The design and manufacture of this projector comply with the strictest safety standards.

Placing flammable materials near the projector may cause the materials to ignite spontaneously, leading to a fire. In case of a fire, be sure to use sand, carbon dioxide, or a dry powder fire extinguisher. Never use water to extinguish an electrical fire.

◆ It is recommended to leave a 'clearance area' around all external surfaces of the projector. No flammable materials should be placed within this clearance area. Do not cover the projector or lens with any materials while the projector is in operation.

◆ Do not block the ventilation openings around the projector, and do not place paper or other objects within 10 centimeters (4 inches) of the projector.

◆ The slots on the projector are used for ventilation and heat dissipation. To ensure the reliable operation of the projector and prevent it from overheating, do not block or cover these slots. The projector should not be placed close to walls or other similar surfaces to avoid blocking these slots. The projector should not be placed near heaters or heating devices, and unless there is good ventilation, it should not be placed in built-in or enclosed installations.

◆ The projection room must be well-ventilated or equipped with a cooling system to prevent heat buildup, and it must be able to discharge the heat generated by the projector outside the building.

◆ If the projector will not be used for a long time, please unplug the power cord.

■ Prevent projector damage

◆ When using the projector, be sure to open the lens shutter or remove the lens cap.

◆ If the projector shows any abnormalities, you should immediately unplug the power cord. Do not continue using the projector if it emits smoke, unusual noises, or strange odors. In such cases, you should unplug the power cord immediately and contact the dealer.

Safety

- Please keep the original shipping box and packing materials, as they can be reused when you need to transport the equipment. To provide maximum protection for the equipment, please repack it using the original packaging as it was when it left the factory.
- Before cleaning this device, please unplug it from the power outlet. Do not use cleaners or spray cleaners; instead, use a damp cloth for cleaning. Do not use harsh solvents such as thinners or gasoline, or corrosive cleaners, as they can damage the casing. You can use a lightly damp cloth and a mild detergent to remove stubborn stains.
- To ensure optimal optical performance and resolution, the projection lens is coated with a special anti-reflective coating. Therefore, please avoid touching the lens. If you need to remove dust from the lens, gently wipe the lens surface with lens paper or a lint-free cloth lightly moistened with alcohol. Do not use a wet cloth, cleaners, or solvents.
- Please do not place this device on unstable carts, shelves, or tables. If the device falls, it can cause serious damage, and if its functionality is affected, it should be replaced. For example, damage caused by cracks or deep scratches.

■ About Maintenance

- Please do not attempt to repair this equipment yourself, as opening or removing the cover may expose you to high voltage and the risk of electric shock.
- Please do not attempt to repair this equipment yourself, as opening or removing the cover may expose you to high voltage and the risk of electric shock.
- If you attempt to change the internal control functions set at the factory, or modify other control settings not specifically discussed in this manual, it may cause permanent damage to this laser light source kit and void the warranty.
- If any of the following occurs, unplug the device from the power outlet and have it serviced by qualified service personnel:
 - When the power cord or power plug is damaged or worn out.
 - When liquid splashes into the equipment.
 - When the device is exposed to rain or gets water inside.
 - If the device does not operate normally while following the operating instructions, please adjust only the adjustment devices mentioned in the instructions, as incorrectly adjusting other devices may cause damage.
 - When the device is dropped on the ground or the casing is damaged
- If the device's performance changes significantly, please seek help from a technician.
- Replacing Parts: When replacement parts are needed, ensure that the technical service personnel use original replacement parts or approved replacement parts that have the same characteristics as the original parts. Unauthorized substitutes may result in reduced performance and stability, and may cause fire, electric shock, or other hazards. Unauthorized substitutes will void the warranty.
- Safety Check: When the projector maintenance is completed, have the service technician perform a safety check to ensure the equipment has returned to normal operating condition.

Safety

■ Waste Management

< Regulations on the Administration of Recycling and Disposal of Waste Electrical and Electronic Products >

Please hand over the product to a qualified local recycling facility when disposing of it.

■ Declaration of Hazardous Substances

According to the Chinese government's "Administrative Measures for the Control of Pollution from Electronic Information Products," to control and reduce the environmental pollution caused by discarded electronic information products, promote the production and sale of low-pollution electronic information products, and protect the environment and human health, only information regarding potentially harmful substances contained in this product is provided as follows.

Names and contents of hazardous substances in the product						
	pb	Hg	cd	cr(VI)	PBB	PBDE
Power cord assembly	○	○	○	○	○	○
Internal Power Supply	■	○	○	○	○	○
Internal wiring	■	○	○	○	○	○
Plastic casing	○	○	○	○	○	○
Light Source Module	○	○	○	○	○	○
Camera module	○	○	○	○	○	○
Optomechanical assembly	○	○	○	○	○	○
Fan assembly	○	○	○	○	○	○
PCB board assembly	■	○	○	○	○	○
Other metal components	■	○	■	○	○	○
Remote control	○	○	○	○	○	○

This table is compiled in accordance with the provisions of SJ/T11364.
 ○ : Indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB/T 26572.
 X : Indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T 26572.
 Note: 1. All components marked with "x" in the table comply with the EU RoHS Directive;
 2. Circuit board assemblies: including printed circuit boards and their parts, electronic components, solder joints, etc.;
 3. Depending on the product model, the product you purchased may not contain all of the above components.



The number in the circle represents the normal environmentally friendly usage period of the product. We encourages users to comply with national laws and regulations on the recycling and disposal of discarded electrical and electronic products when the product is no longer needed, and to hand it over to local institutions with nationally recognized recycling and disposal qualifications. We provides various programs and services to help device owners recycle their products.

Introduction

Installation Requirements

■ Environmental conditions

The table below briefly lists the physical environments in which this projector can operate or be stored safely.

Environment	Operation	Storage
Ambient temperature	0°C-35°C	-10°C-60°C
Humidity	10%-90% RH(Non-condensing)	10%-90%RH(Non-condensing)
Altitude	0-5000M	0-5000M

■ Main power requirements

Our engineering projector is powered by a nominal single-phase power supply (with a dedicated grounding PE) during operation.

100-240vac,50-60HZ,6-3APower requirements: 100-240V AC, 50-60Hz, 6-3A

This projector comes with a power cord for connecting the projector to a power source.

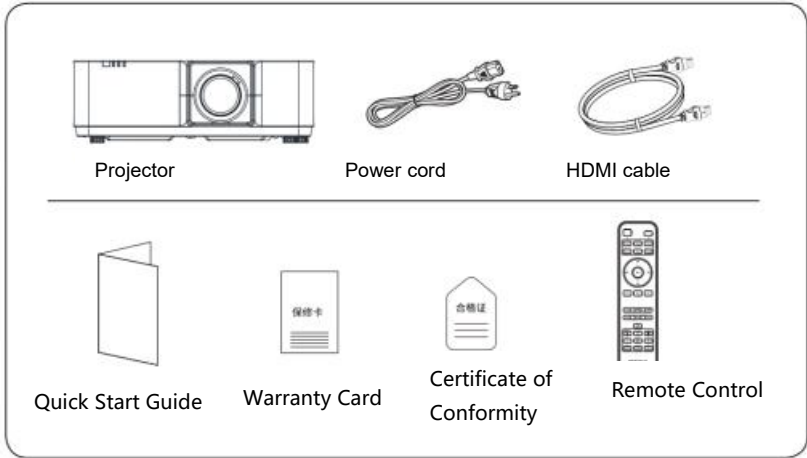
■ Projector weight

Do not underestimate the weight of this projector. It weighs approximately 10 kg, so make sure that the base or ceiling mount used for installation can support five times the total weight of the system.

Introduction

Packaging Overview

When opening the package, please check the items inside the box against the following list. If anything is missing, contact the dealer immediately.



Notice

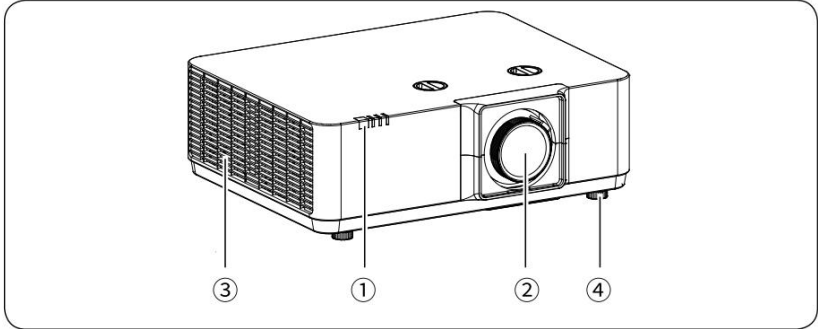
-The list of random items may vary depending on the country (region) of sale and the model. Please refer to the actual product.

-The list of random items may vary depending on the country (region) of sale and the model. Please refer to the actual product.

Introduction

Projector Exterior View

■ Host



- ① The front remote receiver receives signals from the remote control.
- ② An image can be projected through a projection lens.
- ③ Exhaust vent: Used to expel the air inside the projector used for cooling.
- ④ Adjust the feet: Adjust the desktop mounting height of the projector

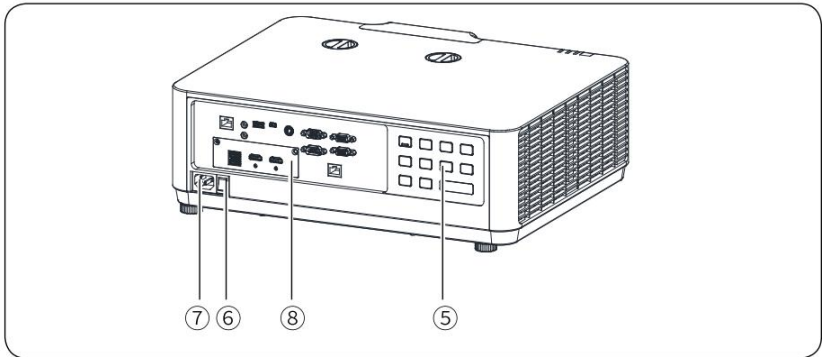
Notice

-Do not look directly into the lens while projecting, as the strong light emitted by the projector can damage your eyesight. When moving the lens, keep your hands away from the lens unit, as your fingers may get caught between the lens unit and the projector, causing injury.

-When projecting, do not place your face or hands near the exhaust vent, and do not place objects that may warp or be damaged by heat near the vent. The hot air emitted from the exhaust vent can cause burns, warping, or accidents.

Introduction

■Host



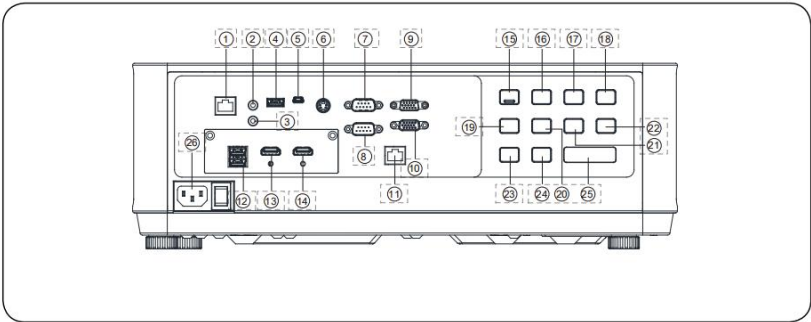
- ⑤Control Panel. See detailed description P13
- ⑥Power switch: Turn the projector on or off.
- ⑦Power socket: Connect the power cord to the projector.
- ⑧Input/Output Panel. See detailed description P13

Notice

-Before using the projector, please connect the power cord to the device and then turn on the power switch. When turning off the device, use the power button on the remote control or the control panel to shut it down, and avoid turning off the power switch directly.

Introduction

■Input/Output (I/O) Panel



① LAN

⑩ VAG OUT

⑲ Left arrow key

② Audio Out

⑪ HD-Baset

⑳ Confirm

③ Audio In

⑫ USB2/USB3

㉑ Right arrow key

④ USB

⑬ HDMI1

㉒ Lens Adjustment

⑤ MINI USB

⑭ HDMI2

㉓ Menu

⑥ 3D Sync Out

⑮ Power button ㉔ Down Arrow/Keystone Correction

⑦ RS232 IN

⑯ Up Arrow / Keystone Correction ㉕ IR Window

⑧ RS232 OUT

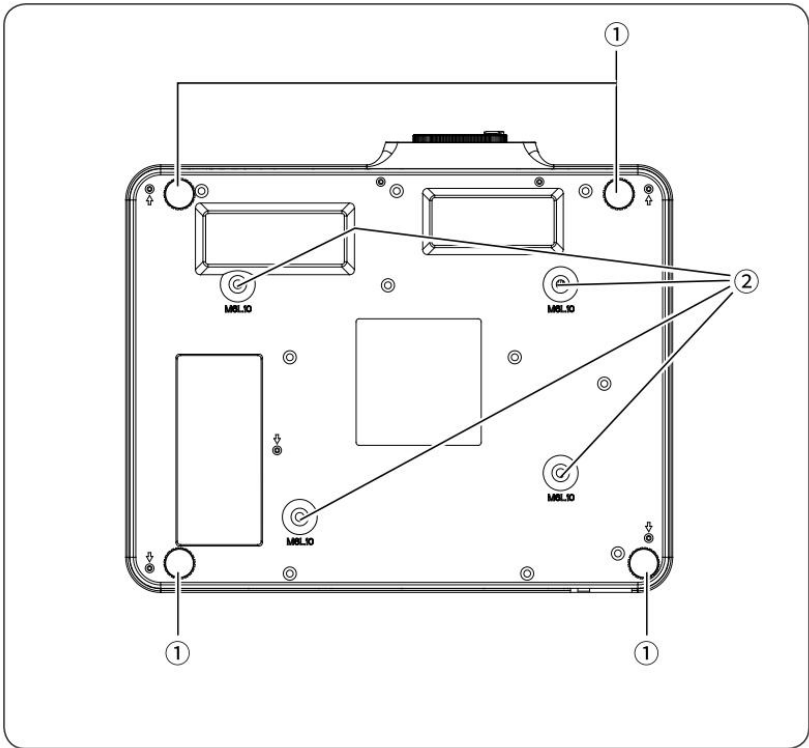
⑰ Signal source

㉖ Power Connector

⑨ VGA IN

⑱ Camera shift

Introduction








① Adjustable Feet (Four)

When installing the projector on a table or other surface, extend or retract the adjustable feet to adjust the projector's vertical and horizontal tilt.

② Ceiling Mounting Points (Four)

When suspending the projector from the ceiling, install the optional mount here.

■Remote control

- ① **ON**: Turn on the projector
- ② **OFF**: Turn off the projector
- ③ **VGA**: Switch to VAG signal
- ④ **HDMI**: Switch to HDMI signal
- ⑤ **DVI**: Switch to DVI signal
- ⑥ **Automatic**: AUTO under VGA
- ⑦ **Blank**: Open a blank page
- ⑧ **Signal Source**: Open the machine's SOURCE menu
- ⑨ **Four-way directional key**: Keystone and volume keys
- ⑩ **Menu**: Open machine menu
- ⑪ **Test**: Open Test menu
- ⑫ **Exit**: Exit the current menu
- ⑬ **Mouse**: NA
- ⑭ **MOUSE LEFT**: NA
- ⑮ **MOUSE RIGHT**: NA
- ⑯ **Focus**: Turn on Focus
- ⑰ **Zoom**: Turn on lens shift
- ⑱ **Shift**: Turn on lens zoom
- ⑲ **Laser**: Press and hold to turn on the remote laser light
- ⑳ **ID SET**: Set Remote ID
- ㉑  Open the AUTO menu under VGA
- ㉒  Open the information menu
- ㉓  Mute on/off
- ㉔  Enlarge
- ㉕ **Energy-saving mode**: Switch to power-saving Mode
- ㉖ **Color Mode**: Switch color mode
- ㉗  Reduce

The ID setting method is as follows:

Press and hold the ID setting button, then press the number key to enter the corresponding ID group. For example, to set group 2, press and hold the setting button, then press number key 2 to enter group 2 ID. To set group 12, press and hold the setting button, press number key 1, then press number key 2 to enter group 12 ID. Press and hold the MENU button for 3 seconds to restore to the initial ID. The initial ID is group 0. Power off will also revert to the initial ID.



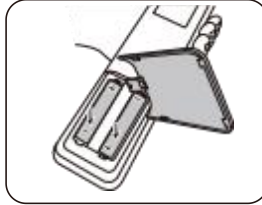
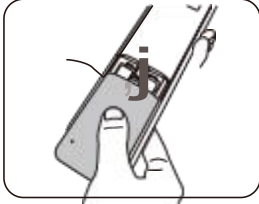
Notice

-The remote control can be operated within $\pm 30^\circ$

Introduction

Replace the remote control battery

1. Press down and slide open the battery compartment cover as shown in the diagram.
2. Remove the old batteries (if any) and insert two AAA batteries. Please make sure the positive and negative terminals are in the correct positions, as shown in the diagram.
3. Slide the battery compartment cover until you hear it click into place.



- There is a risk of explosion if the battery is replaced with the wrong type.
- Dispose of used batteries according to the relevant guidelines.
- When inserting the battery, make sure the positive and negative ends are facing the correct directions.
- Keep batteries out of the reach of children. Swallowing a battery accidentally can be life-threatening.
- If the remote control will not be used for a long time, please remove the batteries.
- Do not dispose of used batteries with household waste. Handle used batteries according to local government regulations.
- Improper battery replacement can pose a risk of explosion. Please replace all old batteries.
- Batteries should not be placed near fire or water and should be stored in a cool, dry place.
- If you suspect battery leakage, please wipe off the leaked liquid and then replace with a new battery. If the leaked liquid gets on your body or clothes, rinse thoroughly with water immediately.

Projector installation and setup

Match cut

The projector supports the following lens models:

Standard lens, prime lens, short-focus lens, telephoto lens, long-focus lens.

Change the lens

Disassembling a lens requires the use of professional hardware tools. The specific operation method varies depending on the tools used.

When using the tools, locate the relevant disassembly points based on the tools and actual working conditions to carry out the disassembly. During disassembly, extreme caution is required, as there may be tiny screws or snap connections in delicate areas of the lens that can easily be damaged if excessive force is applied. Therefore, very careful handling is necessary.

It is also essential to prevent dust or foreign objects from entering the lens during disassembly, as lens equipment is highly susceptible to damage or malfunction caused by dust or debris. Therefore, attention to the surrounding environment is crucial to avoid disassembling in a dusty or unclean area.

In summary, disassembly should be done cautiously, is not recommended for non-professionals, and it is advisable to seek help from professional repair personnel.

Notice

- Be sure to turn off the projector before removing or installing the lens.
- Do not touch the lens surface when removing or attaching the lens.
- Avoid leaving fingerprints, dust, or oil on the lens surface.
- Whether it is a standard zoom lens or other lenses, the disassembly and installation methods for projector lenses are the same.

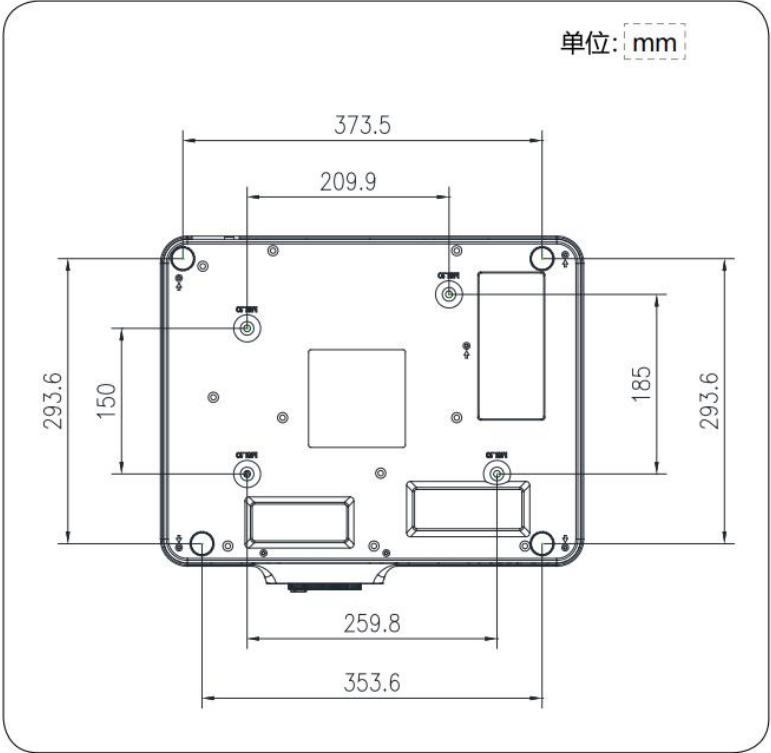
Ceiling installation

Ensure that the screws used to secure the mounting bracket to the projector meet the following specifications:

Screw type: It is recommended to use M6L10 screws.

Assembly dimensions, see the diagram below (**unit: MM**)

Projector installation and setup



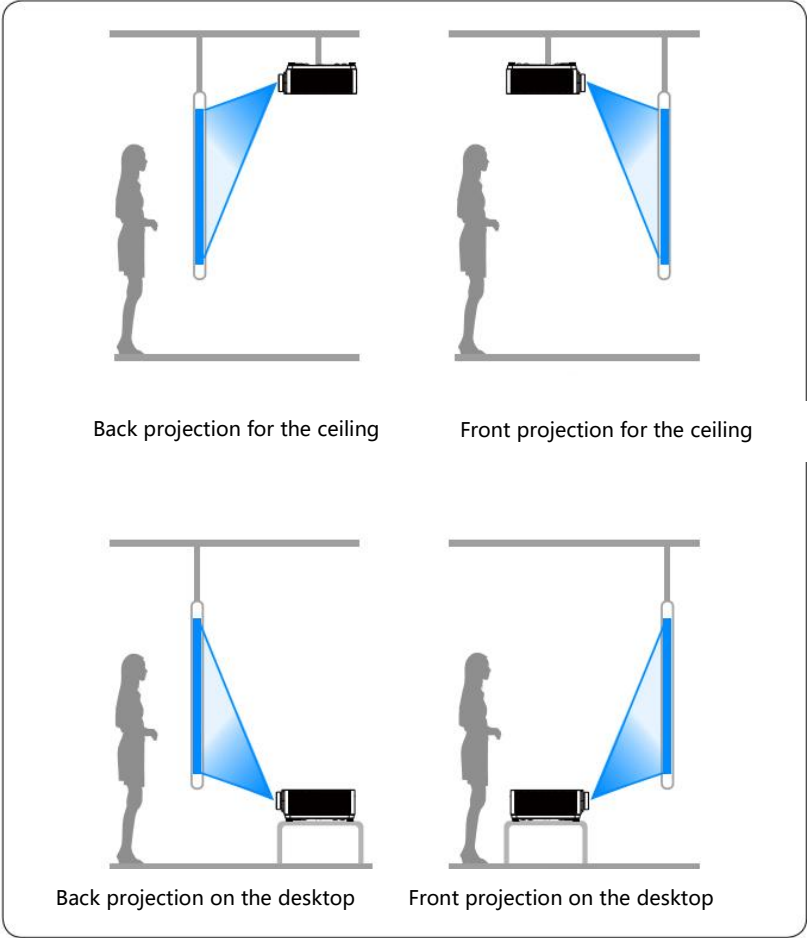
Notice

-Losses caused by incorrect installation do not void the warranty

Projector installation and setup

Projection Method

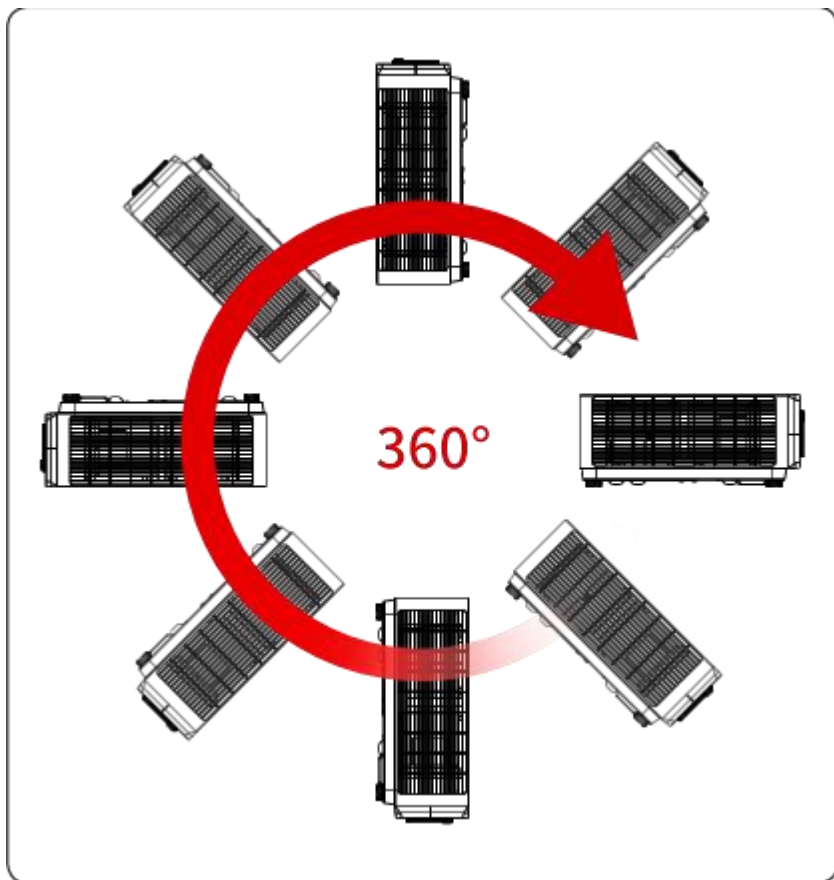
- ◆ Installation Modes: Front desktop projection, rear desktop projection, front ceiling projection, rear ceiling projection.
- ◆ You can change the direction of the projected image according to the installation mode (projection method) by selecting the projection method in the "Projection" menu.



Installing and setting up the projector

Projection method

360° projection: Can be mounted at any angle and projected onto various surfaces.

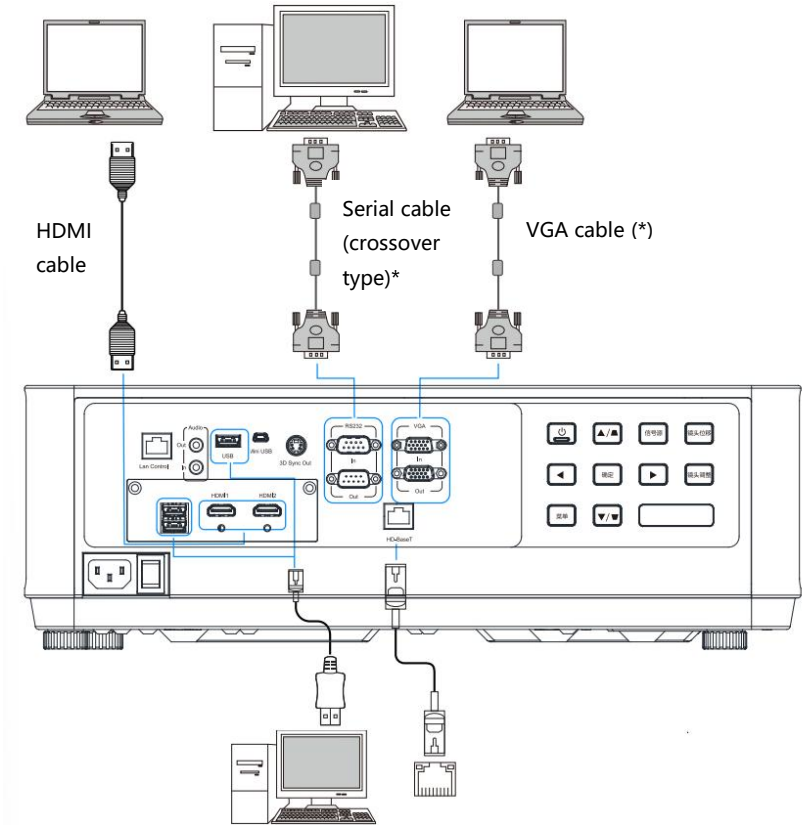


Installing and setting up the projector

Connect to a computer (digital and analog RGB)

Cables used for connection

- VGA cable* (*: This projector does not come with this cable.)
- Serial cable (crossover type)*
- HDMI cable



Notice

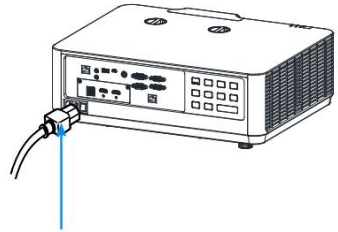
- When connecting cables, please unplug the power cords of the projector and external devices from the power outlet.

Basic Operations

Connecting the AC Power Cord

This projector uses a standard voltage of 100-240V AC and can automatically adapt to different input voltages. The projector operates on a single-phase power system with a neutral grounding wire.

To avoid the risk of electric shock, do not use any other type of power system. If you are unsure about the type of power being used, please consult an authorized dealer or service center. Make sure to connect all peripheral devices before turning on the projector.



Connect the AC power cord (included) to the projector

Notice

-The AC power outlet should be close to the projector and easy to plug and unplug.

Power Cord Precautions

The AC power cord must comply with the requirements of the country/region where this projector is used. Ensure that the AC power plug type matches the diagram below and that the correct AC power cord is used. If the supplied AC power cord does not match the AC power outlet you are using, please contact your dealer.

Projector side



Connect to the projector's power cord interface

Connect to AC power socket side



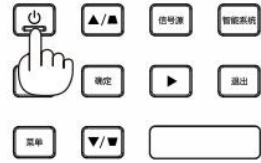
Ground terminal

Connect to an AC power outlet

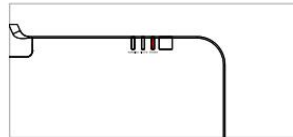
Basic Operations

Turning on the projector

1. Before turning on the projector, please first complete the connection of external devices (such as computers and video recorders).




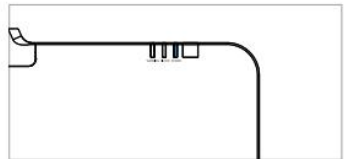
2. Connect the projector's AC power cord to an AC power outlet. The POWER indicator light will stay steadily red when in normal standby mode.



Standby

3. Press the  button on the control

panel or the  button on the remote control. The POWER indicator will flash red and blue, and the screen will display a blue background. The POWER indicator will turn blue, and the cooling fan will start working.



Turn on the projector

Basic Operations

4.If the projector is locked with a password, the password entry prompt will appear. Please follow the instructions below to enter the password.

Enter password

- 1) press◀ ▶ keys to select numbers 0-9.
- 2) Press the <ok> key.The set number will change, and the cursor will automatically move to the * next frame.
- 3)Repeat the above steps to enter a four-digit number. Once a four-digit number is set, move the cursor to [Confirm].
- 4) Press the <ok> button.



Move the cursor to 'OK', and then press the OK button.



What is a password?



A PIN (Personal Identification Number) is a security number used to identify an individual, allowing anyone who knows the PIN to operate the projector. Setting a PIN can prevent unauthorized people from operating the projector.

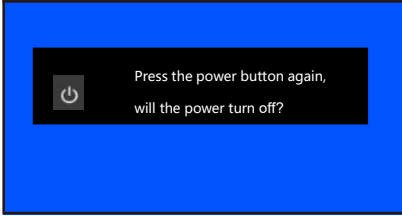
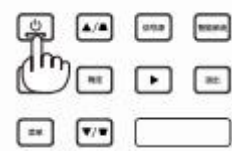
The password consists of a four-digit number. For instructions on how to use the password to lock the projector, please refer to the 'Security' feature in the 'Extended' menu.

Password Operation Precautions: If you forget the password, you will not be able to open the projector. Please set a new password carefully and keep it safe. If the password is lost or forgotten, please contact your dealer or service center.

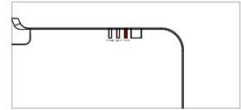
Basic Operations

Turn off the projector


3. Press the button  on the control panel or the  button on the remote control, and shutdown information will appear on the screen.



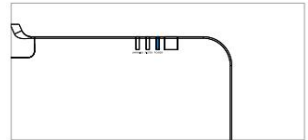
4. After the shutdown message appears, press the power button again. The POWER indicator will change from blue to red. After the fan stops spinning, disconnect the power cord. Otherwise, it may affect the projector's lifespan or cause startup issues.



Turn off the projector



To maintain the lifespan of the light source, once the projector is turned on, it should not be turned off until at least 5 minutes have passed. Do not use the projector continuously. Continuous use will shorten the lifespan of the light source. Make sure to turn it off at least once every 24 hours and allow the projector to rest for about an hour.

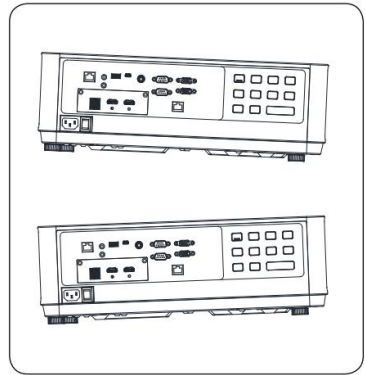


Standby

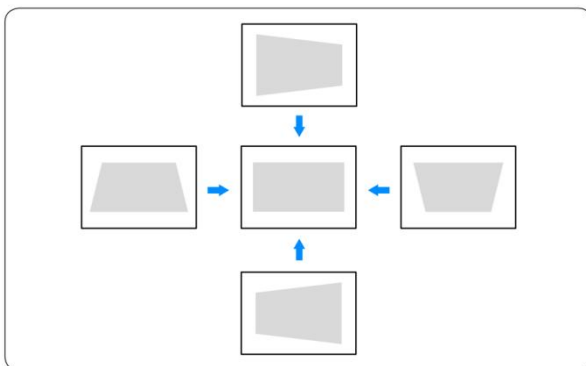
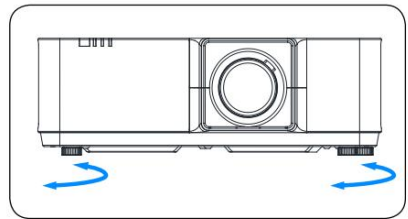
Basic Operations

Adjust projected image (desktop projection)

- ◆ By adjusting the four support feet on the bottom of the projector, you can tilt the projector up to 6° to adjust the image position.

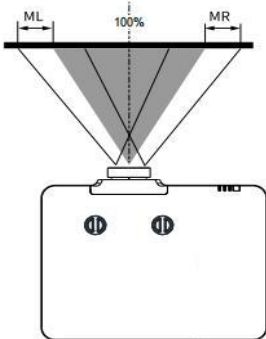
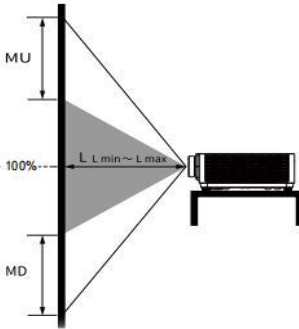
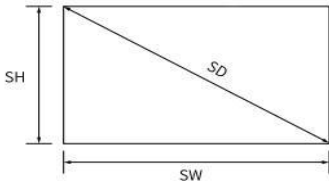


- ◆ When installing the projector on a horizontal plane, ensure that the front of the projector is parallel to the screen surface so that the projected image is rectangular. You can adjust the shape of the projected image by adjusting the four support corners at the bottom of the projector to make the projected



Screen size and projection distance

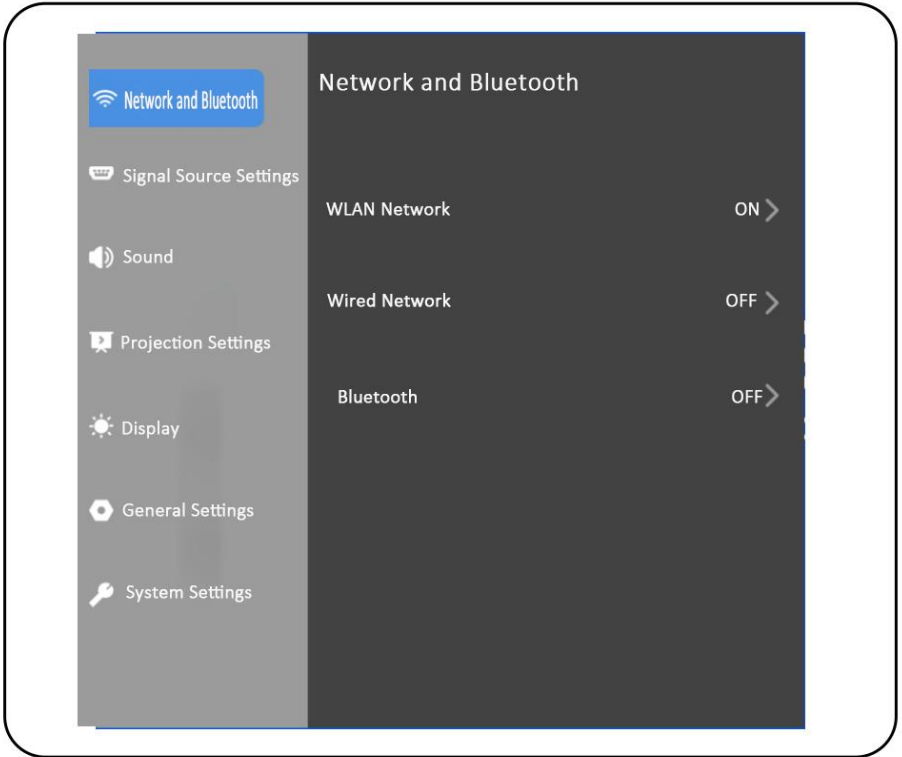
- ◆ Before installing the projector, please refer to the screen size and projection distance in the table.
- ◆ You can adjust the image size and position according to the screen size and screen position.
- ◆ The numbers in the table indicate approximate values and may have a $\pm 5\%$ deviation from actual measurements.



Notice

- The projection distance L is the distance from the projector lens surface to the screen.
- The maximum horizontal and vertical image offset is the maximum distance the image can be moved horizontally or vertically using the shift function. Exceeding this distance may cause light blockage, interference, and other issues.

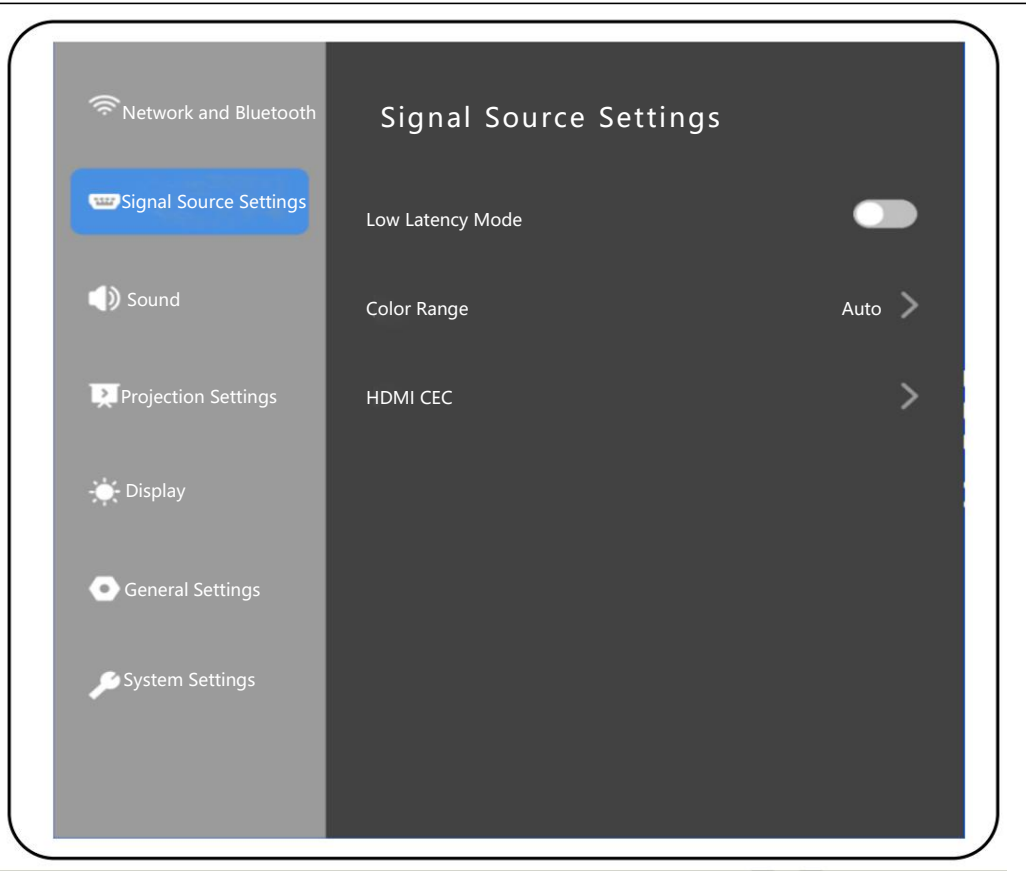
Network and Bluetooth



1. WLAN Network: Connect to WIFI;
2. Wired Network: Connect to a wired network;
3. Bluetooth: Connect to Bluetooth.

OSD Menu Structure

Signal Source Settings



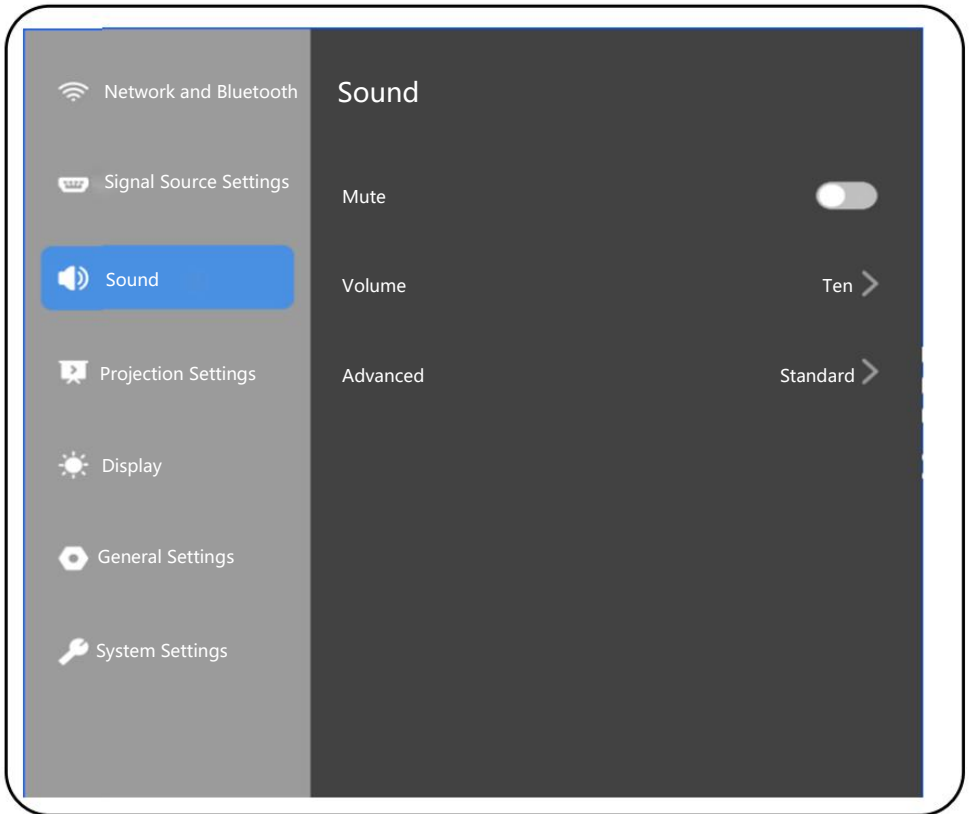
1 Low Latency Mode: Turn Low Latency Mode On/Off;

2 Color Range: Set the HDMI color range;

3 HDMI CEC Function: Set the HDMI CEC function.

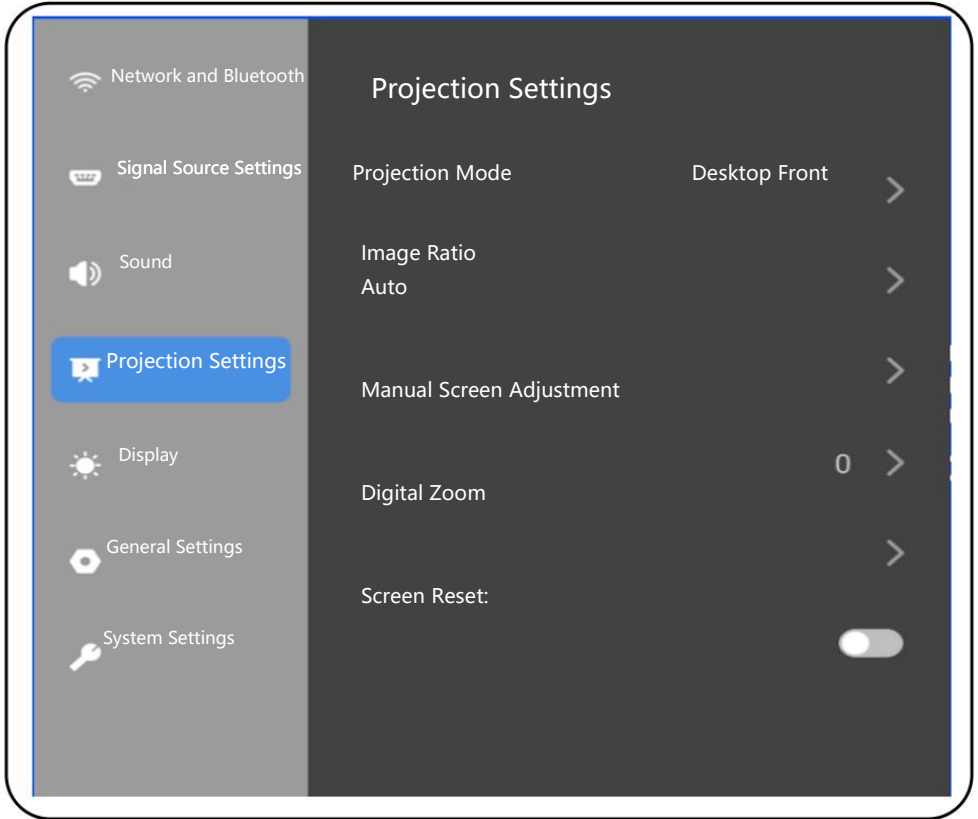
OSD Menu Structure

Sound



- 1.Mute: Turn mute on/off;
- 2.Volume:Set volume;
- 3.Advanced: Set Advanced Sound Features.

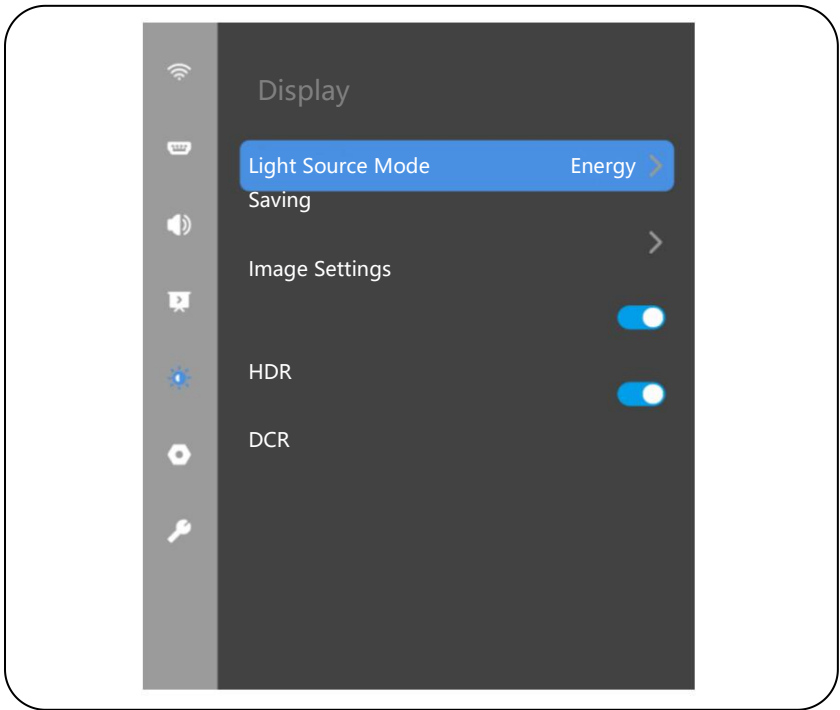
Projection Settings



- 1 Projection Mode: Set the projection mode;
- 2 Image Ratio: Set the image aspect ratio;
- 3 Manual Screen Adjustment: Set keystone and four-corner correction;
- 4 Digital Zoom: Set digital zoom;
- 5 Screen Reset: Restore screen settings;
- 6 High Altitude: Turn high altitude mode on/off

OSD Menu Structure

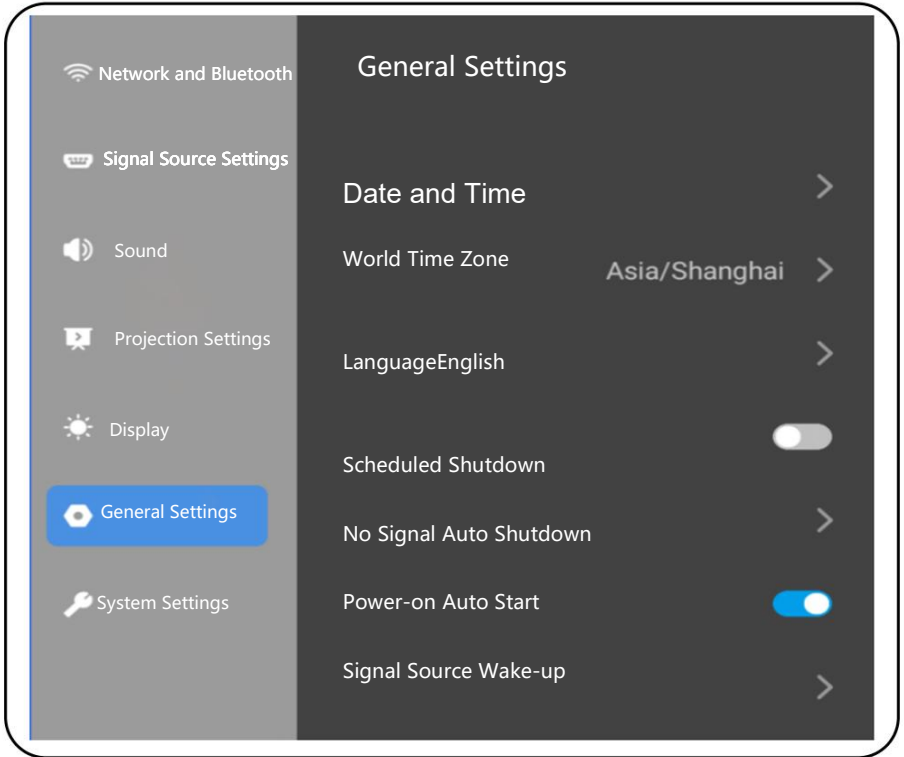
Display



1. Light Source Mode: Set the light source mode;
2. Image Settings: Set the image settings function
3. HDR: Turn HDR function on/off;
4. DCR: Turn the DCR function on/off (turn off the laser light source for a black screen).

OSD Menu Structure

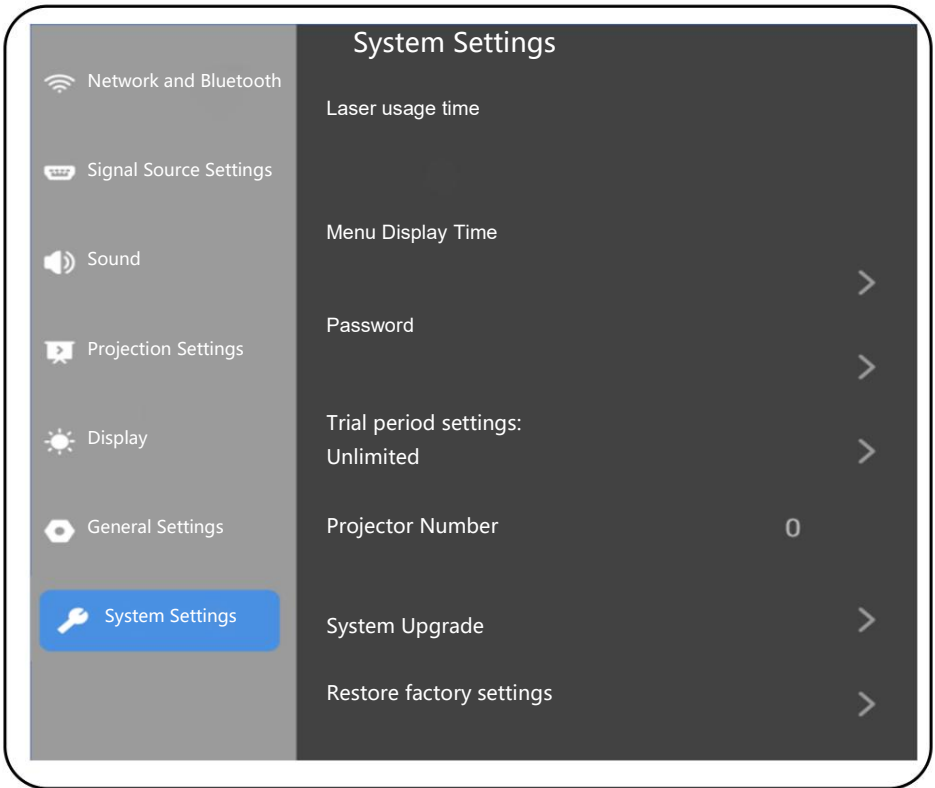
General Settings



- 1.Date and Time: Set Date and Time
- 2.World Time Zone: Set the time zone.
- 3.Language: Set to Chinese/English;
- 4.Scheduled Shutdown: Set a scheduled shutdown.
- 5.No Signal Auto Shutdown: Automatically turns off the projector when there is no signal;
- 6.Power-on Auto Start: Turn the power-on auto start feature on/off;
- 7.Signal Source Wake-up: Set the projector to wake up from the signal source

OSD Menu Structure

System Settings



1. Laser usage time: Shows the current usage time of the projector.
2. Menu Display Time: Set the menu display time.
3. Password: Set a boot password;
4. Trial period settings: Set the trial period (after setting, you will need to enter a password to continue using it after a certain period of time)
5. Projector Number: Set the projector number (RS232 individual control);
6. System Upgrade: Upgrade Android System;
7. Restore factory settings.

Using a projector on the internet

Control the projector via LAN

In a DHCP environment:

1. Connect one end of the RJ45 cable to the RJ45 LAN input port on the projector, and the other end to the LAN port.
2. Use the menu on the projector or on the remote control, then press Δ/V until 'Network Settings' is selected.
3. Press the selected network settings, then press Select on the remote control to display the network settings page.
4. Set the DHCP option to On, and then click Apply.
5. Please wait about 15-20 seconds, then re-enter the network settings page. The IP address, sub net mask, gateway address, network card address, and network reset button will be displayed. Note the IP address shown in the projector's IP address line.

Notice

1. If the projector's IP address still does not appear, please contact the network administrator.
2. If the RJ45 cable is not properly connected, the IP address, subnet mask address, gateway address, and network card address will show 0.0.0.0. Make sure the cable is properly connected, then repeat the above steps.
3. If you want to connect to the projector while it is in standby mode, turn off the power-saving settings.

In a non-DHCP environment:

1. Repeat steps 1-3 above.
2. Select DHCP, then press 4b to turn it off.
3. For information about IP addresses, sub net mask addresses, gateway addresses, network card addresses, and network reset buttons, please contact your ITS administrator.
4. Select the item you want to modify, then press Select on the remote control.
5. Move the cursor with Δ/V and 4b, and press Δ/V to enter a value.
6. To save the settings, press 'Select' on the remote control. If you do not want to save the settings, press 'Menu/Exit' on the projector or 'Menu' on the remote control.
7. Press the selection on the remote control.

Notice

1. If the RJ45 cable is not properly connected, the IP address, sub net mask address, gateway address, and network card address will show 0.0.0.0. Make sure the cable is properly connected, then perform the above steps again.
2. If you want to connect the projector in standby mode, please make sure that after emergency startup, RJ45 has been selected and the projector's IP address, sub net mask, gateway address, and network card address have been obtained.

Applicable Models

SML-EL600U	SML-EL605U	SML-EL61 0U	SML-EL61 5U
SML-EL620U	SML-EL625U	SML-EL630U	SML-EL635U
SML-EL640U	SML-EL645U	SML-EL650U	SML-EL655U
SML-EL660U	SML-EL665U	SML-EL670U	SML-EL675U
SML-EL680U	SML-EL685U	SML-EL690U	SML-EL695U
SML-PU650	SML-PU651	SML-PU655	SML-E321 0U
SML-E3211 U	SML-E321 2U	SML-E321 3U	SML-E3214U
SML-E321 5U	SML-E321 6U	SML-E321 7U	SML-E321 8U
SML-E321 9U	SML-E3220U	SML-E3221 U	SML-E3222U
SML-EL700U	SML-EL705U	SML-EL71 0U	SML-EL71 5U
SML-EL720U	SML-EL725U	SML-EL730U	SML-EL735U
SML-EL740U	SML-EL745U	SML-EL750U	SML-EL755U
SML-EL760U	SML-EL765U	SML-EL770U	SML-EL775U
SML-EL780U	SML-EL785U	SML-EL790U	SML-EL795U
SML-PU700	SML-PU730	SML-PU750	SML-E331 0U
SML-E3311 U	SML-E331 2U	SML-E331 3U	SML-E3314U
SML-E331 5U	SML-E331 6U	SML-E331 7U	SML-E331 8U
SML-E331 9U	SML-E3320U	SML-E3321 U	SML-E3322U

Troubleshooting

Troubleshooting

■ The projector won't turn on

Reason	Solution
The power cord is not connected	Insert the power cord into the AC socket on the projector, and plug the other end into a power outlet. If the power outlet has a switch, make sure the switch is turned on.

■ No image

Reason	Solution
The video signal source is not turned on or there is a connection error.	Turn on the video signal source and check if the signal cables are connected properly.
The projector is not properly connected to the input signal device.	Check connection
Input signal not selected correctly.	Select the correct input signal source using the remote control or the source button on the control panel.

■ Image blur

Reason	Solution
The projector lens is not properly focused.	Use the remote control or the lens button on the control panel to adjust the focus.
The projector is not properly aligned with the screen.	Adjust the projection angle and direction, and if necessary, adjust the height or distance of the projector.

■ The remote control is not working

Reason	Solution
Battery is low	Replace the battery.
There is an obstacle between the remote control and the projector.	Move the obstacle
Too far from the projector	Keep a distance of no more than 8 meters (26 feet) from the projector.

Troubleshooting

Indicator light

Projector Status	Power indicator light	Temperature indicator light
Standby mode	The red light is steadily on	Close
Power on	The blue light flashes once every second.	Close
Normal operation mode	The blue light stays on	Close
Normal shutdown	The blue light flashes once every second.	Close
Laser ignition failure	The blue light flashes once every second.	The red light flashes once every second.
Laser automatically extinguishes	The blue light stays on	The red light flashes once every second.
Fan error	Close	The red light flashes once every second.
Temperature error	Close	The red light stays on
Heat flux detection error	Close	The red light stays on
DMD Error	The blue light blinks twice per second.	The red light blinks twice every second.
DAD Error	The blue light blinks twice per second.	The red light flashes once per second.
Color wheel error	The blue light flashes once every second.	The red light blinks twice every second.

Projector maintenance

The projector requires maintenance, and the regular upkeep you need to do is to keep the lens clean.

Do not disassemble any parts of the projector. If you need to replace any other components, please contact your dealer.

Clean the lens

- ◆ You can clean the lens when you notice spots or dust on its surface.
- ◆ Use a can of compressed air to remove dust.
- ◆ If there is dust or smudges, gently wipe the surface of the lens with lens tissue or a soft, damp cloth moistened with a cleaning solution.

△ Notice

- Never rub the lens with abrasive materials.

Clean the projector casing

- ◆ To remove dirt or dust, please wipe the exterior with a soft, non-lint cloth.
- ◆ To remove stubborn dirt or stains, you can dampen a soft cloth with water and a neutral pH cleaner, then wipe the exterior.

△ Notice

- Do not use wax, alcohol, benzene, thinners, or other chemical cleaners. These substances can damage the casing.

Storage projector

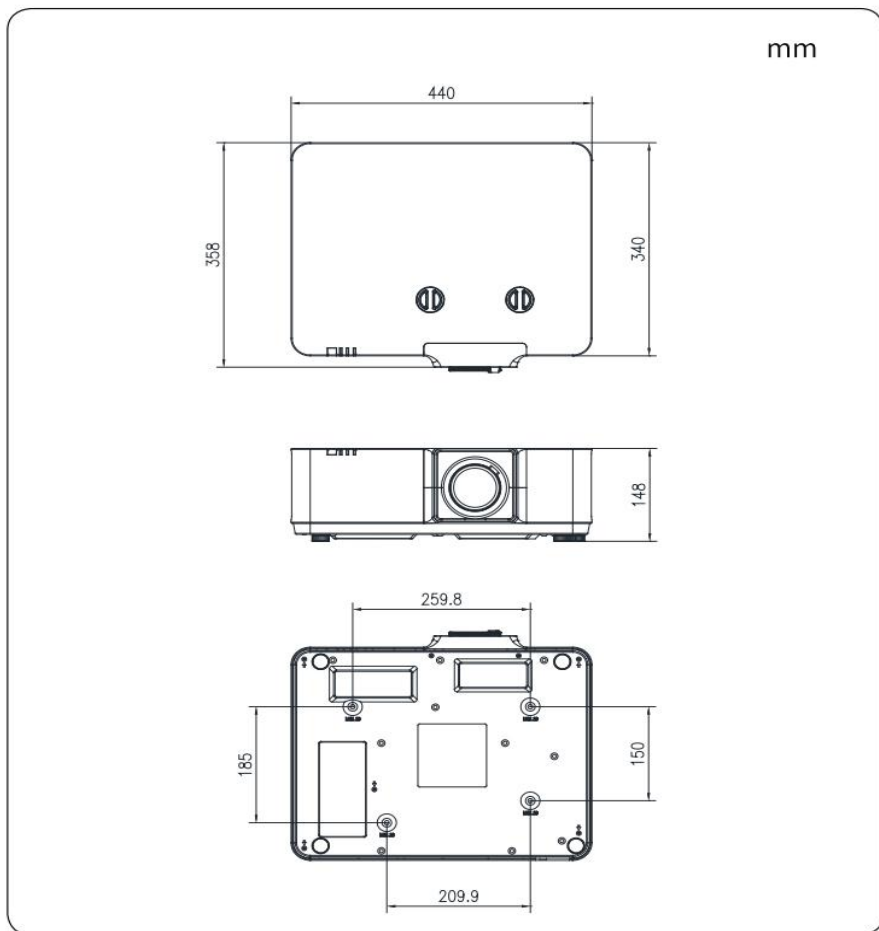
If you need to store the projector for a long time, please follow the instructions below:

- ◆ Ensure that the temperature and humidity of the storage area are within the recommended range suitable for the projector.
- ◆ Retract the adjustable foot.
- ◆ Take the batteries out of the remote control.
- ◆ Pack the projector using its original packaging or packaging of equivalent material.

Transport projector

It is recommended that you use the original packaging or an equivalent material to transport the projector.

Projector dimensions



△ Notice

- Be sure to use screws of the correct size; the screw length should be determined based on the thickness of the mounting plate.
- Be sure to leave at least 10 cm of space between the ceiling and the bottom of the projector.
- Do not install the projector near a heat source.

