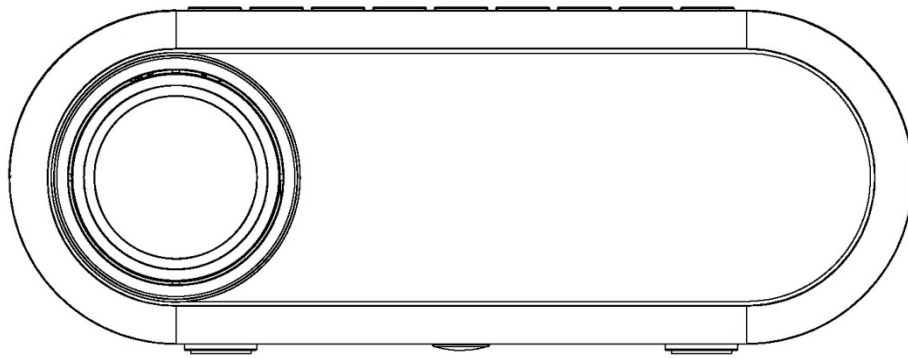


# Home Theater Projector

## INSTRUCTION MANUAL

MODEL NO. : PJ712W



**PLEASE READ BEFORE OPERATING THIS EQUIPMENT**

# Important Safety Instructions

1. Read these Instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifier) that product heat.
9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Unplug this apparatus during lightning storms or when unused for long periods of time.
12. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
13. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.



# Additional Warnings and Precautions

1. Do not look directly into the projector light.
2. **Don't touch the project lens**
3. Mains adapter is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
4. **CAUTION:** Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.
5. **WARNING:** Changes or modified to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
6. **WARNING:** Use of this unit near fluorescent lighting may cause interference regarding use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.
7. **WARNING:** Shock hazard - Do Not Open.
8. Caution and marking information is located at the rear or bottom of the apparatus.
9. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain, moisture, dripping, or splashing.
10. Objects filled with liquids, such as vases, shall not be placed on the apparatus.

## **FCC Warning**

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

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20 cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **In The Box**

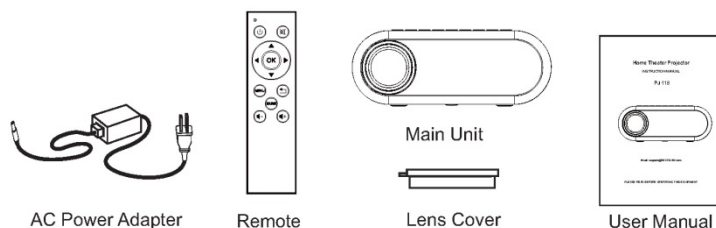
AC Power Adapter

Remote control

Main Unit

Lens Cover

User Manual



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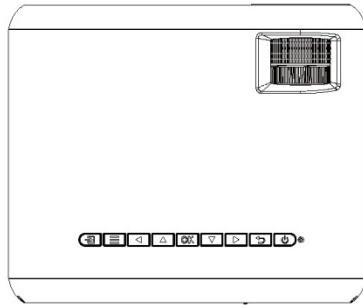
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<b>Additional Warnings and Precautions</b> - - - - -	<b>P2</b>
<b>FCC Warning</b> - - - - -	<b>P3</b>
<b>In The Box</b> - - - - -	<b>P3</b>
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# Remove & Close The Lens Cover

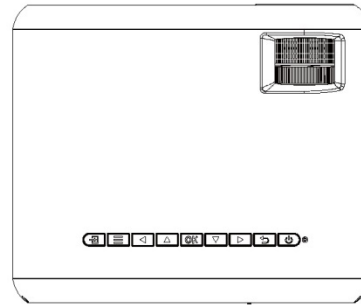
Remove the lens cover before using

Close the lens cover when unit is not using

LENS COVER    ↑ REMOVE



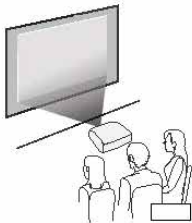
LENS COVER    ↓ CLOSE



## Placing of Your Projector

Your projector can be installed in four different configurations (see picture below):

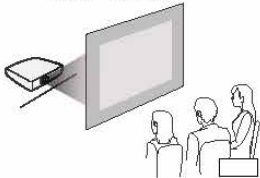
Front Table



**Front Table:**

Select this location with the projector placed near the floor in front of the screen. This is the most common way to position the projector for quick setup and portability.

Rear Table

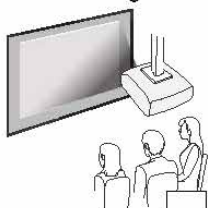


**Rear Table:**

Select this location with the projector placed near the floor behind the screen.

**NOTE:** That a special rear projection screen is required.

Front Ceiling

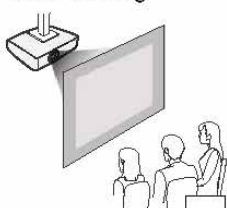


**Front Ceiling:**

Select this location with the projector suspended upside-down from the ceiling in front of the screen.

**NOTE:** A projector mount is required to install the projector in a ceiling.

Rear Ceiling



**Rear Ceiling:**

Select this location with the projector suspended upside-down from the ceiling behind the screen.

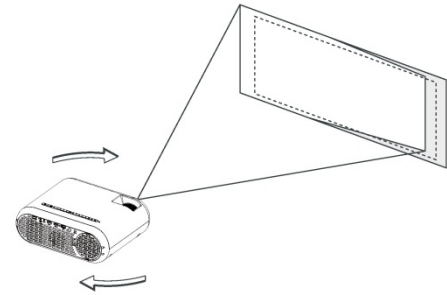
**NOTE:**

A projector mount is required to install the projector in a ceiling.

A special rear projection screen is required.

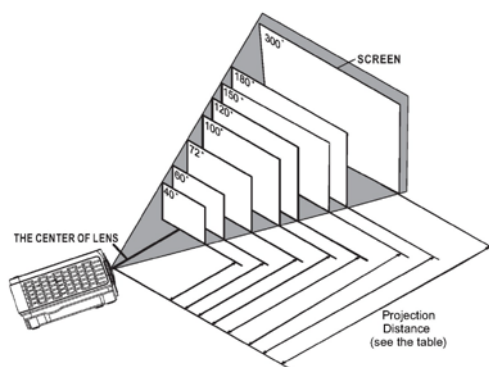
## To reduce Image Distortion

- Move the projector as close to the center of the screen as possible.
- The light beam from the projector should be perpendicular to the screen for a rectangular or square image.



## Distance Between The Projector And Screen

Measure the distance between the projector and where you want to position the screen. This is the projection distance for reference.



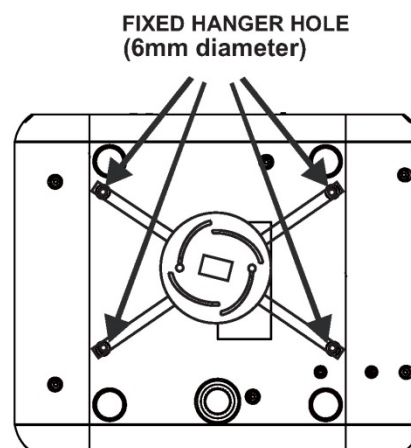
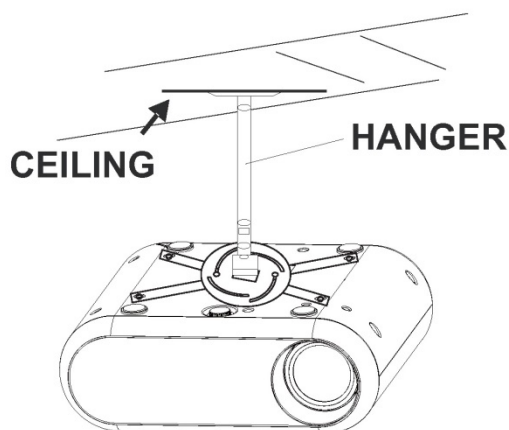
Distance	Screen Size
1.30m	40 inch
1.88m	60 inch
2.21m	72 inch
3.06m	100 inch
3.63m	120 inch
4.63m	150 inch
5.39m	180 inch
9.40m	300 inch

## Installing your Projector in the Ceiling

When installing the projector in the ceiling, please purchase a projector mount recommended by an installation professional and follow the instructions that come with the mount.

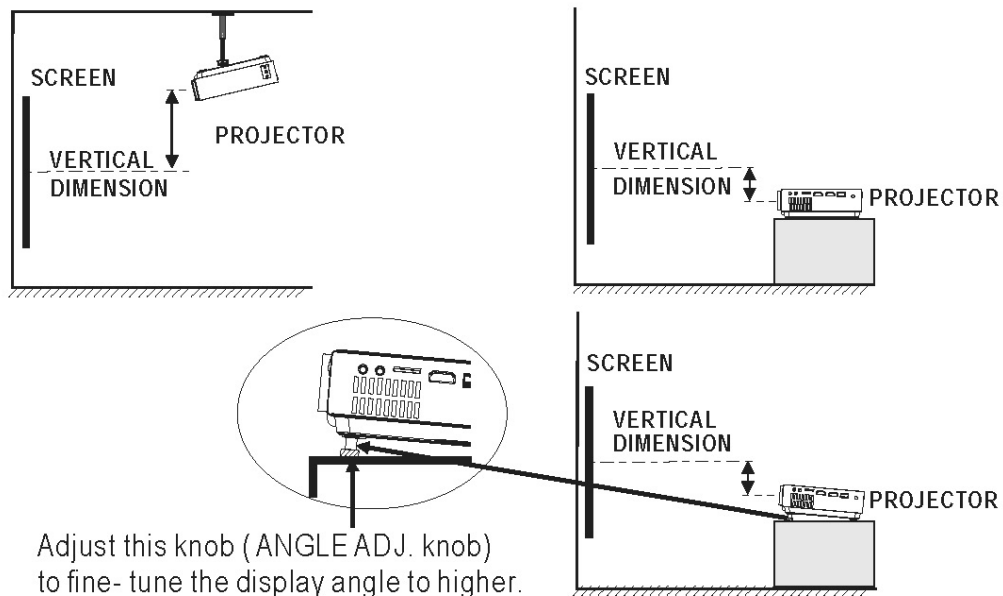
Before installing the projector in the ceiling, please check to make sure the ceiling structure can support the weight of the projector and the mount. If in doubt, please ask the advice from an installation professional.

**NOTE:** Projector mount and screw(s) not included



# Adjust The Vertical Location

Follow below picture to adjust the vertical location.

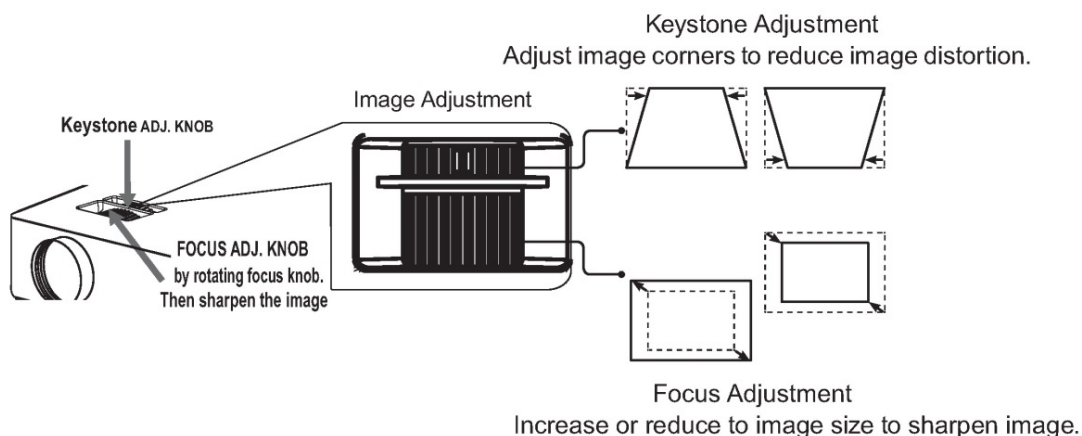


# Adjust The Focus And Keystone

Follow below picture to adjust the focus and trapezoidal screen.

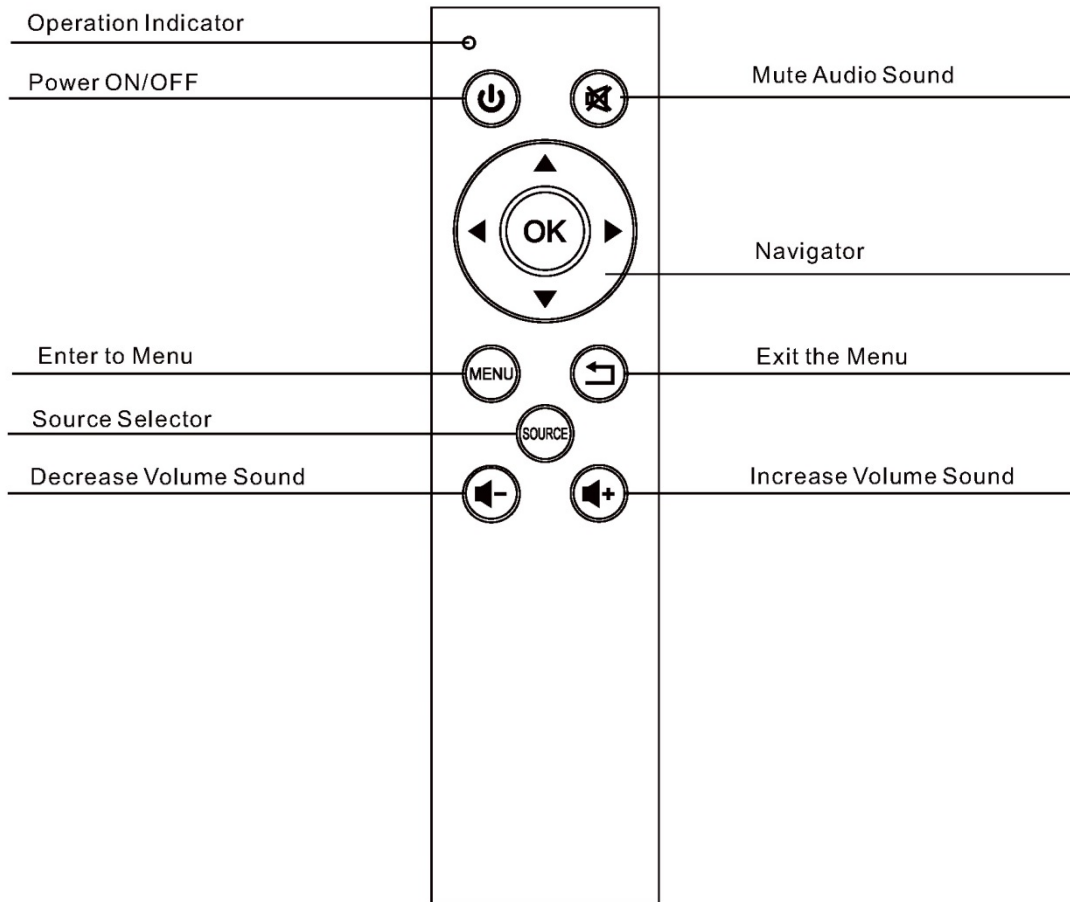
Adjust the focus by turning the knob while observing the image pixels near the center of the screen. Optimal focus is obtained when the pixels are clearly visible. Depending on the projected screen size, the focus near the screen edges may be less sharp than the screen center.

Keystone image is created when the projector lens is projected from above or below the center of the screen. Keystone correction restores the distorted image to a rectangular or square shape.





# Controls of Remote

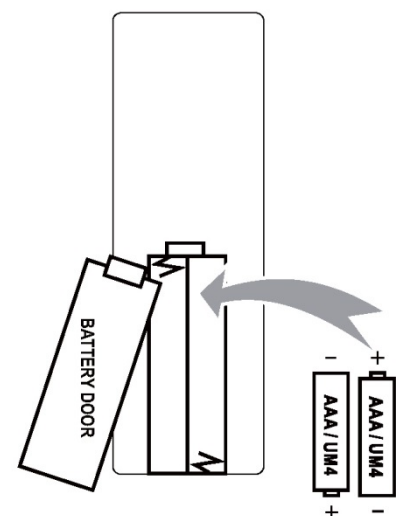


# Install / Remove Batteries of Remote

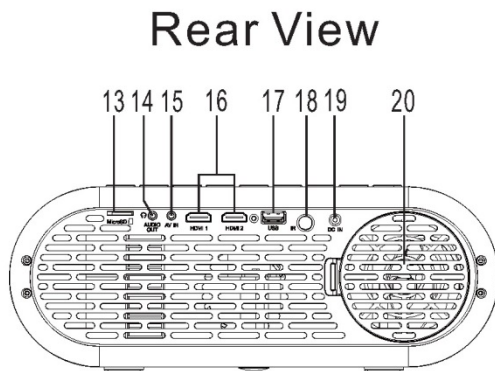
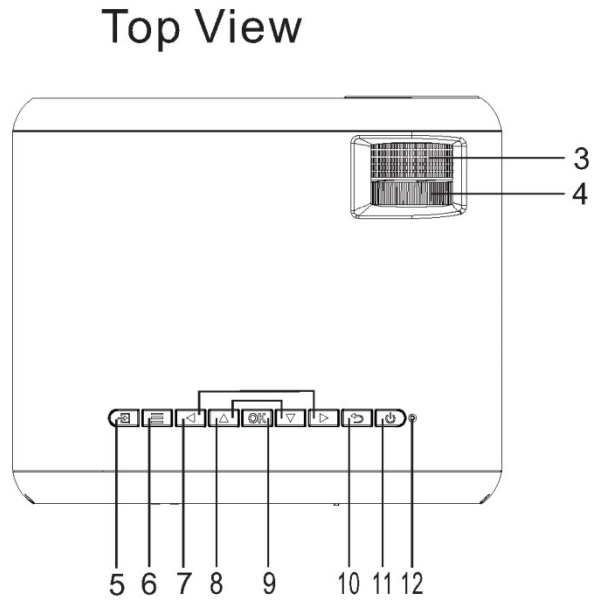
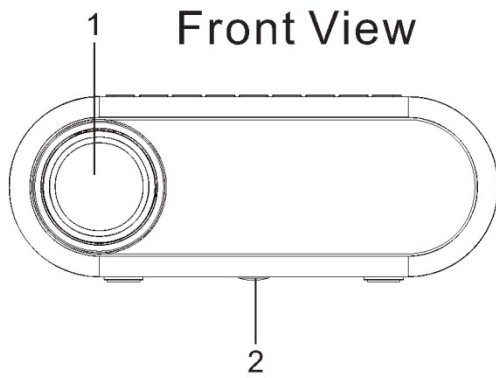
Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries (included), referring to the polarity markings. Finally, replace the cover.

## **NOTES:**

- Batteries shall not be exposed to excessive heat such as placing under the sunlight or near a fire.
- Please make sure the batteries are installed with their correct polarities.
- Do not mix old and new batteries.
- Use only the same type of batteries.
- Do not dispose of the batteries in fire, battery may explode or leak.
- Do not recharge a non-rechargeable battery.



# Controls of Projector

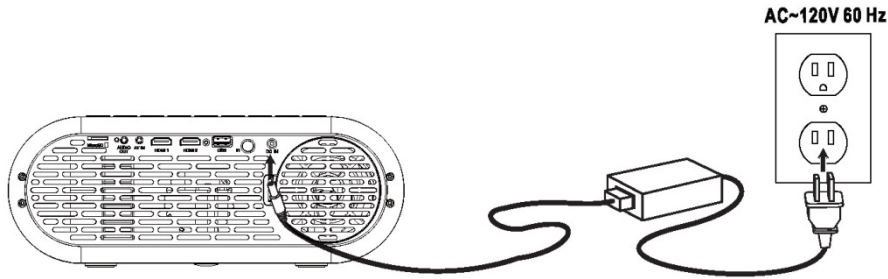


- |    |                                                                                                          |    |                                                                                                         |
|----|----------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------------------------|
| 1  | <b>LENS</b>                                                                                              | 11 | <b>POWER  Button</b> |
| 2  | <b>ANGEL ADJ. Knob</b>                                                                                   | 12 | <b>POWER Indicator</b>                                                                                  |
| 3  | <b>FOCUS ADJ. Ring</b>                                                                                   | 13 | <b>Micro SD Card Slot</b>                                                                               |
| 4  | <b>KEystone ADJ. Ring</b>                                                                                | 14 | <b>Audio Out Jack</b>                                                                                   |
| 5  | <b>SOURCE  Button</b> | 15 | <b>AV IN Jack</b>                                                                                       |
| 6  | <b>MENU  Button</b>   | 16 | <b>HDMI 1 &amp; 2 Ports</b>                                                                             |
| 7  | <b>◀/▶ Buttons</b>                                                                                       | 17 | <b>USB Port</b>                                                                                         |
| 8  | <b>▲/▼ Buttons</b>                                                                                       | 18 | <b>IR Sensor</b>                                                                                        |
| 9  | <b>OK Button</b>                                                                                         | 19 | <b>DC IN Jack</b>                                                                                       |
| 10 | <b>RETURN  Button</b> | 20 | <b>SPEAKER</b>                                                                                          |

# Install Power Adapter

Follow below picture to connect power adapter


Connect small end of adapter **FIRST**. Plug the adapter body to power outlet.




## **WARNING:**

Before connecting to the power supply, ensure that the supply corresponds to the information on the rating label at the back of the apparatus.


# Main Button Operation


 - Press the button to switch on unit, press again to standby.

 / **SOURCE** - Press the button to select input source.

 / **MENU** - Press the button to enter projector menu.

 - Press the buttons to navigate and select screen item of menu.




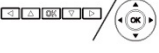


 - Press the button to return to previous status or exit the menu.

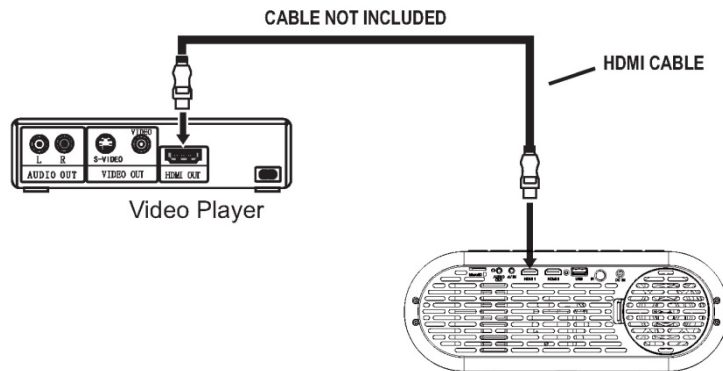
 - Press and hold the buttons to select the sound level on the remote.

 - Press to mute the audio. Press again to resume.

## Connect HDMI Show The Image On Projector Screen

Refer to the following picture to connect a set top box, a BD/DVD player or a streaming player to the HDMI input.

1. Press the  button to standby mode before connect HDMI cable.
2. After connection, press the  button to turn on unit and power indicator will light GREEN
3. Press the  / **SOURCE** button to home screen, use  buttons to select HDMI 1 or HDMI 2 icon and press the  button to enter HDMI mode. The video from the connected device will be shown on projector screen.
4. Press the  button to turn unit to standby.









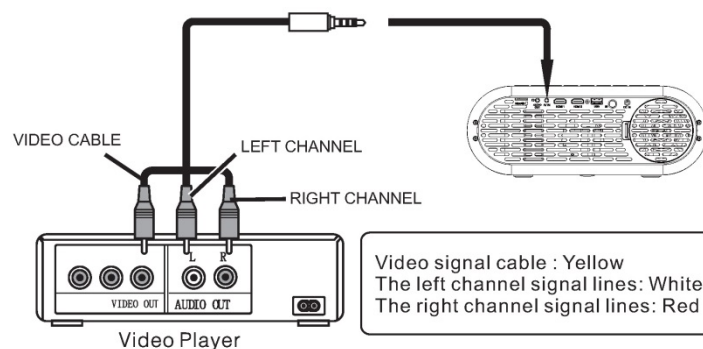
### **Important Note:**

If there is no sound from the internal speakers when playing media contents from a set top box, BD/DVD or streaming players connecting to the HDMI input, please check the set top box or the player's digital audio settings and make sure it is set to "PCM Stereo" mode.

## Connect AV Show The Image On Projector Screen


Follow the below picture to connect AV cable and device.

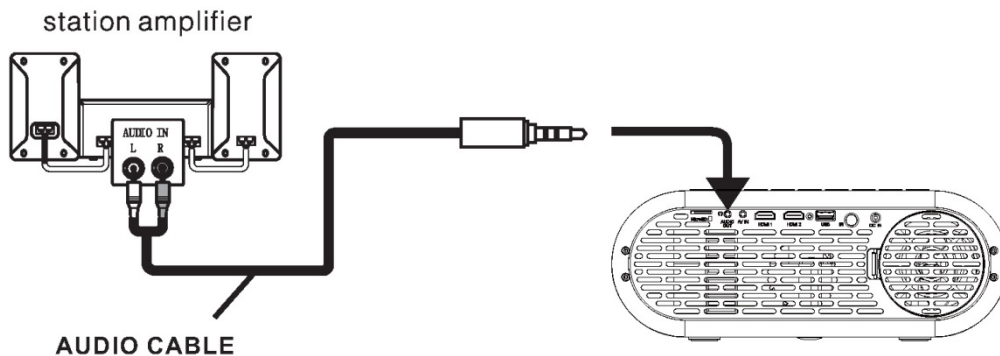
1. Press the  button to standby mode before connect AV cable.
2. After connect, press the  button to turn on unit and power indicator will light GREEN
3. Press the  / **SOURCE** button to home screen, use  buttons to select **AV** icon and press the  button to enter AV mode. The video of AV device will show on projector screen.
4. Press the  button to turn the unit to standby.



## Connect Audio Output ( Aux Out / Line Out / Earphones)

Follow the below picture to connect audio cable and device.

1. Press the  button to standby of your projector before connection.
2. Use audio cable to connect follow the below figure.
3. After connect and turn on both units. Your projector sound from external device now.
4. After using, turn off both unit.



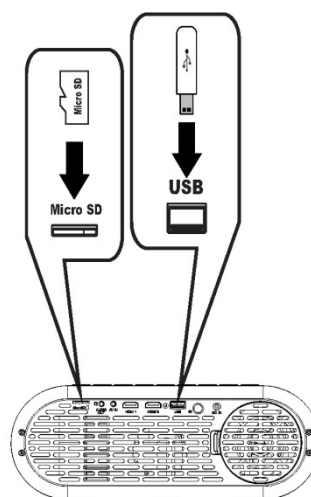
### Important Note:

If there is no sound from the stereo audio output when playing media contents from a set top box, BD/DVD or streaming players connecting to the HDMI input, please check the set top box or the player's digital audio settings and make sure it is set to "PCM Stereo" mode.

## Install USB Device And Micro SD Card (TF card)

Follow the below picture to install USB and Micro SD card



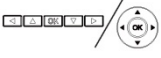





Turn off the unit before install USB / Micro SD card.




















Note: This USB port is only used to read USB flash disk. DO NOT use it to charge any external equipment.

# Using Micro SD Card And USB Playback (Media Player)

Install USB / Micro SD device:

1. Press the  button to standby before install USB / TF card.
2. Install the USB device into USB port / Install the TF device into TF slot.
3. After install, press the  button to turn on unit and the power indicator light GREEN.
4. In home screen, use  buttons to select PHOTO / MUSIC / MOVIE icon and press the  button to enter.
5. Use the  button to select C and press  button to enter.  
Note: if both USB device and Micro SD card install, unit will USB and SD Card.
6. Use  buttons to search the correct file to preview and press the  button to playback file.
















**NOTE:** Remove USB / Micro SD card device, press the  button to standby mode **FIRST**.

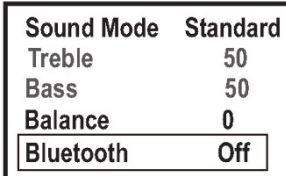
Sub-Menu on Movie screen	
<ol style="list-style-type: none"> <li>1. When movie playback, press the  button and more function screen show on lower (figure 1).</li> <li>2. Use the  button to select icon and press the  button to play special function.</li> </ol>	<p style="text-align: center;">Figure 1.</p> 
Sub-Menu on Photo screen	
<ol style="list-style-type: none"> <li>1. When photo playback, press the  button and more function screen show on lower (figure 2).</li> <li>2. Use the  button to select icon and press the  button to play special function.</li> </ol>	<p style="text-align: center;">Figure 2.</p> 
Sub-Menu on Music screen	
<ol style="list-style-type: none"> <li>1. When music playback, press the  button and more function screen show on lower (figure 3).</li> <li>2. Use the  button to select icon and press the  button to play special function.</li> </ol>	<p style="text-align: center;">Figure 3.</p> 
Sub-Menu on Text screen	
<ol style="list-style-type: none"> <li>1. When text playback, press the  button and more function screen show on lower (figure 4).</li> <li>2. Use the  button to select icon and press the  button to play special function.</li> </ol>	<p style="text-align: center;">Figure 4.</p> 

## Using Bluetooth Playback

Pairing is the term used when two Bluetooth devices are connected wirelessly for the first time. This allows the devices to see each other and sets up a one to one communication channel between both devices.

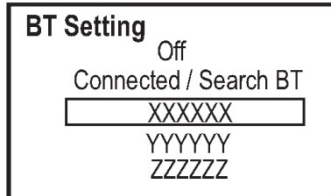
### Bluetooth Connection

1. Turn on your External Bluetooth Speaker and select to Bluetooth pairing mode.  
Note: The effective distance between your external device and projector is within 10 meters (30 feet).
2. Press the  button to turn on unit.
3. Press the  / MENU button to enter the projector menu screen.
4. Use the  /  button to select Sound menu.
5. Use the  /  button to select **BT Setting** column as figure 1.
6. Press the  button to enter BT Setting menu and use  /  button to select **On**.  
(If BT Setting is On, press the OK  button to enter BT Setting menu.)
7. Unit will try to reconnect the previous Bluetooth device, if it is connected before. If not, select **Search BT** and press  button to search device.
8. Wait a while, the available Bluetooth speaker device name will show in a list as figure 2.  
(For example: XXXXXX, YYYYYY, ZZZZZZ and etc.)
9. Use the  /  button to select your desired Bluetooth speaker device and press  button to connect.
10. A few seconds, an indicator sound will be heard that your projector and external Bluetooth speaker connected. At the same time, there is "C:XXXXXX" to indicate the connected device on the BT Setting menu. Then press  button to exit.
11. After connection completed, you can listen to music by your Bluetooth receiver device such as a headphone or speaker wirelessly.
12. If you want to change to pair with another Bluetooth Enabled Device, please repeat above step 3 to step 10.



Sound Mode	Standard
Treble	50
Bass	50
Balance	0
Bluetooth	Off

Figure 1.













BT Setting
Off
Connected / Search BT
XXXXXX
YYYYYY
ZZZZZZ

Figure 2.

### Notes:

- 1) After connecting, Bluetooth device's name will be stored and will automatically connect for next time.
- 2) Projector Bluetooth (Transmitter) function can only pair with Bluetooth receiver such as headphone or speaker for music streaming wirelessly. Use your Bluetooth device volume control if necessary.

### Disconnect the Bluetooth

1. Press the  / MENU button to enter the menu screen.
2. Use the  /  button to select **Sound** menu.
3. Use the  /  button to select **BT Setting** and press  button to enter BT Setting menu.
4. Use the  /  button to select Off and press the  button to disconnect the Bluetooth function. Then press  button to exit.

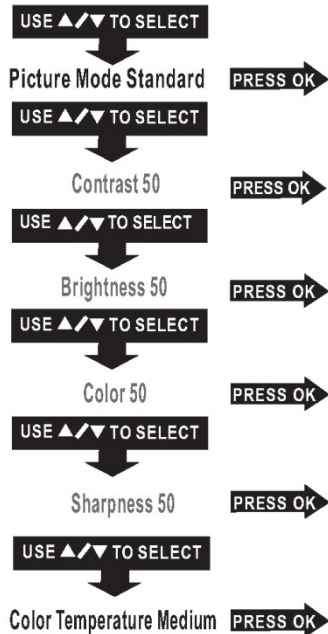


## Using Projector Menu 1

Press  / MENU button to enter projector menu. (Unit default in Picture menu.)

Picture Mode	Standard
Contrast	50
Brightness	50
Color	50
Sharpness	50
Color Temperature	Medium

This **Picture** menu showed on right upper of view screen.



Use ▲ / ▼ buttons to select different picture effect to Standard / Dynamic / Mild / User. Use ▲ / ▼ button to adjust Contrast / Brightness / Color / Sharpness digit if chose User item.

Use ◀ / ▶ buttons to adjust Contrast level 0 to 100. (Active in User item of Picture Mode)

Use ◀ / ▶ buttons to adjust Brightness level 0 to 100. (Active in User item of Picture Mode)

Use ◀ / ▶ buttons to adjust Color level 0 to 100. (Active in User item of Picture Mode)

Use ◀ / ▶ buttons to adjust Sharpness level 0 to 100. (Active in User item of Picture Mode)

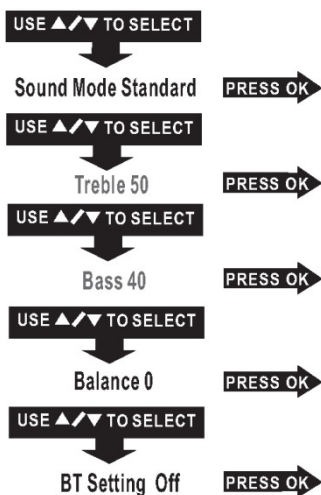
Use ▲ / ▼ buttons to select different color temperature to Cool / Medium / Warm.

## Using Projector Menu 2

Press  / MENU button to enter projector menu, press ◀ / ▶ buttons to select **SOUND** menu.

Sound Mode	Standard
Treble	50
Bass	40
Balance	0
BT Setting	Off

This **Sound** menu showed on right upper of view screen.



Use ▲ / ▼ buttons to select different sound effect Standard / Movie / Music / Sports / User. Use ▲ / ▼ buttons to select and ◀ / ▶ buttons to adjust Treble and Bass digit if chose User item.

Use ◀ / ▶ buttons to select Treble level 0 to 100. (Active in User item of Sound Mode)




Use ◀ / ▶ buttons to select Bass level 0 to 100. (Active in User item of Sound Mode)

Use ◀ / ▶ buttons to select Balance level to -50 to +50.

To select On /Off

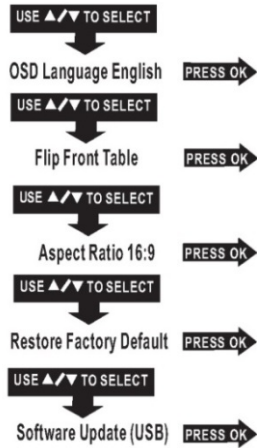


## Using Projector Menu 3



Press  /MENU button to enter projector menu, press  /  buttons to select **OPTION** menu.



OSD Language	English
Flip	Front Table
Aspect Ratio	16:9
Restore Factory Default	
Software Update (USB)	



This **OPTION** menu showed on right upper of view screen.



Use  /  buttons to select different language

Use  /  buttons to select Front Table / Front Ceiling / Rear Table / Rear Ceiling

Use  /  buttons to select different Aspect Ratio 4:3 / 16:9 / Full. Follow below figure

Use  /  buttons to select Y or N. If choose “Y” that your unit will go to factory default setting

For service center use only

Aspect Ratio	
AV mode	4:3, 16:9, Full, Panorama
HDMI mode	4:3, 16:9, Full, Panorama, Just Scan
VGA mode	4:3, 16:9, Full
USB / TF input (movie mode)	4:3, 16:9, Full, Panorama, Just Scan

## Specifications

Light Source Type	LED
Display Native Resolution	1920 x 1080
HDMI Input Supported Video Resolution.	1080p , 1080i , 720p, 576i , 480p, and 480i
Power Consumption	98W
Included Adapter	Input AC100-240V, 50/60Hz Output DC26V, 3.5A
Projection Size	40-300 inch
Input Port	AV/ VGA / HDMI
USB Port	Support USB device up to 256GB Support format Mpeg1, Mpeg2, Mpeg4, mp3, Jpeg
Micro SD Card	Support SD card up to 256GB Support format Mpeg1, Mpeg2, Mpeg4, mp3 , Jpeg
Net Weight	1.97 KG (Unit)
Product Dimensions	302 x 250 x 114 mm

Specifications are typical, individual units might vary. They are subject to continuous improvement without notice and without incurring any obligation.