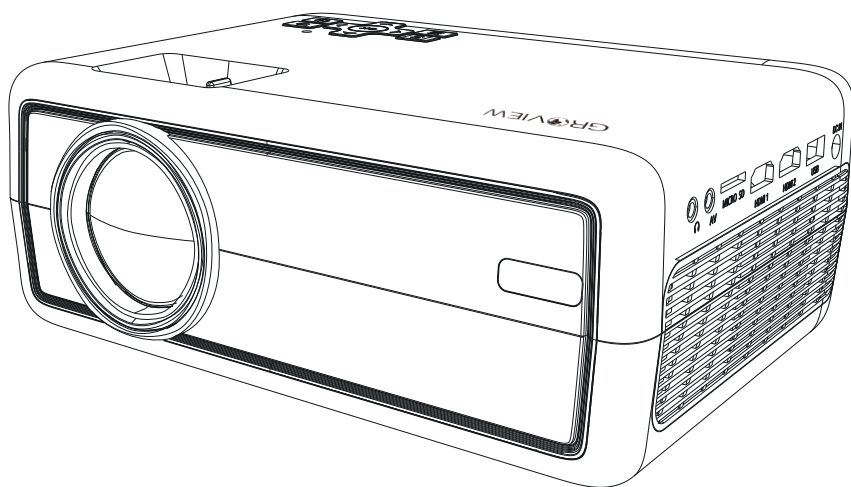


# GROVIEW

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Model NO.: G210

## User Manual

# GROVIEW

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JP: [service.jp@groviewtec.com](mailto:service.jp@groviewtec.com)

## **ADDITIONAL WARNINGS AND PRECAUTIONS**

1. Do not look directly into the projector light.
2. Don't touch the projector lens
3. Mains adapter is used as a 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. Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.
5. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
6. Use of this unit near fluorescent lighting may cause interference regarding the use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.
7. Shock hazard - Do Not Open.
8. Caution and marking information is located at the rear or bottom of the apparatus.
9. 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

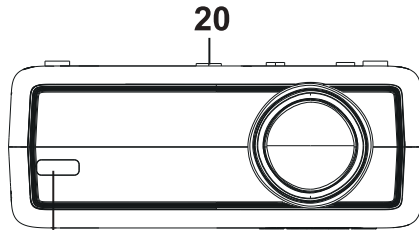
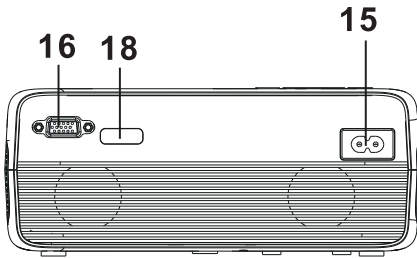
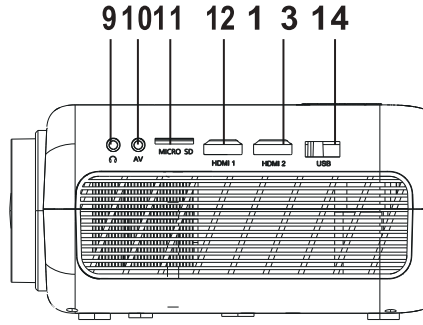
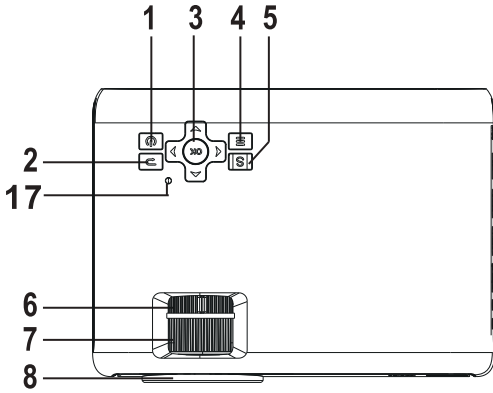
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.






**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.

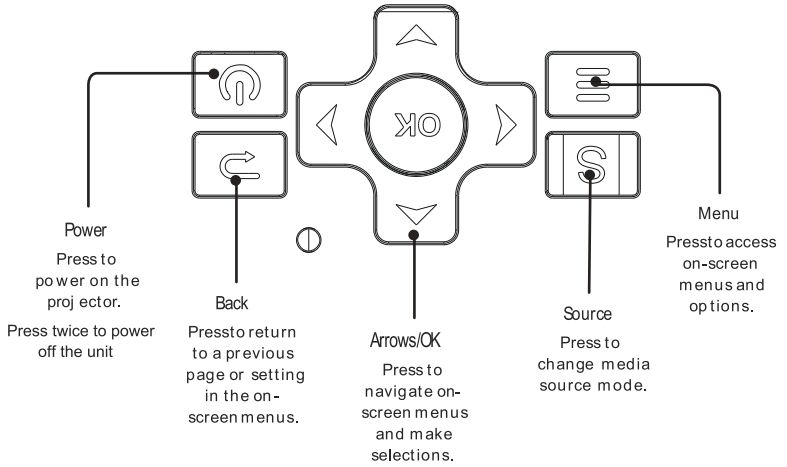
**Warning:** Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## PRODUCT OVERVIEW



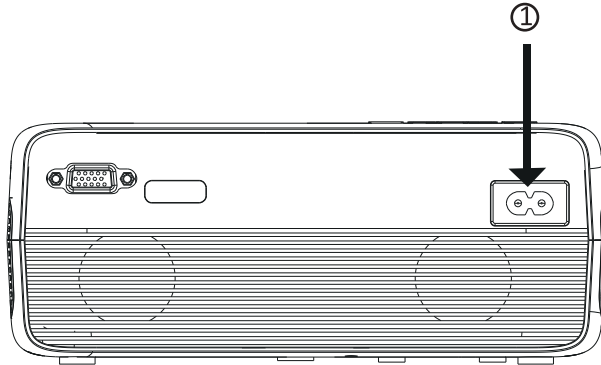
- |  |                            |
|--|----------------------------|
| 1. POWER  Button      | 11. Micro SD Card          |
| 2. RETURN  Button     | 12. HDMI Port 1            |
| 3. NAVIGATION  Button | 13. HDMI Port 2            |
| 4. MENU  Button       | 14. USB Port               |
| 5. SOURCE  Button     | 15. POWER INPUT            |
| 6. Keystone Correction   | 16. VGA Port               |
| 7. Focusing Ring   | 17. POWER on Indicator     |
| 8. LENS  | 18. IR Window (Rear Side)  |
| 9. Headphone Jack  | 19. IR Window (Front Side) |
| 10. AV   | 20. Adjusting Knob         |

## CONTROL



### Install Power Adapter

As shown in Picture ①, connect the projector and the power source with the included AC Power cable.



# CONTROLS OF REMOTE

**Power**

Press to power ON.

Press twice to power OFF.

**◀◀ Previous / Next ▶▶**

Press to skip between chapters or tracks.

**Flip**

Press to flip display image 180°.

**⏮ Play/Pause**

Press to play or pause an individual chapter or track.

**Arrows/OK**

Press to navigate and confirm selections in Settings and other menus.

**Menu**

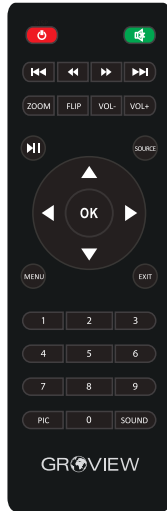
Press to access projector Settings.

**Go To/Number Keypad**

Press to enter specific chapter or track numbers. Use Play button to begin playing.

**PIC**

Press to access picture settings.



**Mute**

Press to mute volume.

**◀◀ Back / Fwd ▶▶**

Press to search through an individual chapter or track.

**VOL+ / VOL-**

Press to adjust audio level.

**Source**

Press to select media source (AV, PC, HDMI, MEDIA).

**Exit**

Press to exit menus.

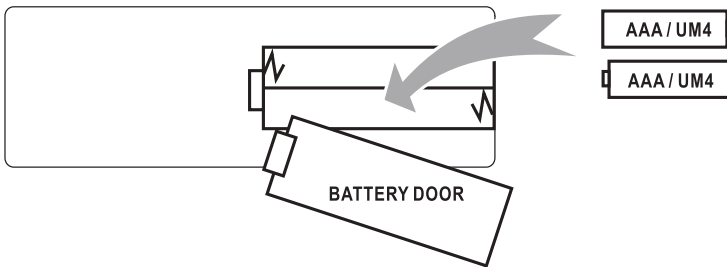
**Zoom**

Press to zoom display image in or out.

**SOUND**

Press to access sound settings.

## Install / Remove Battery 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 (2 X AAA batteries not included), referring to the polarity markings. Finally, replace the cover.

**NOTES:**

- Batteries shall not be exposed to excessive heat such as sunshine, fire
- Be sure that the batteries are installed polarity correctly.
- Only same or equivalent type batteries as recommend are to be used.
- Do not dispose of batteries in fire, battery may explode or leak. Do not try to recharge a battery
- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries

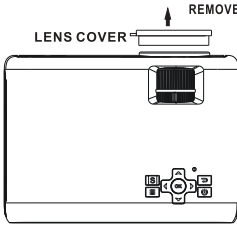
## SPECIFICATIONS

|  |  |
|--|--|
| Light Source Type                            | LED  |
| Display Native Resolution                    | 1280 x 720   |
| HDMI Input Supported Video Resolution.       | 1080p , 1080i , 720p, 576i , 480p, and 480i                                    |
| Power Consumption                            | Operating 48W; Standby 1W  |
| Power Input<br>Connect Included Adapter      | DC 12V , 4A  |
| Included Adapter<br>Connect DC input of unit | Input AC100-240V,50/60Hz<br>Output DC12V , 4A                                  |
| Display Color                                | 7000-8000K   |
| Signal Port                                  | Video / VGA / HDMI   |
| USB Port                                     | Support USB device up to 1TB<br>Support format mpeg1, Mpeg2 ,mpeg4, mp3 , Jpeg |
| SD Card                                      | Support SD card up to 32GB<br>Support format mpeg1, Mpeg2 ,mpeg4, mp3 , Jpeg   |
| Weight                                       | 0.9 KG   |
| Dimension                                    | 203 x 150 x 82 mm  |
| Bluetooth version                            | V5.1   |

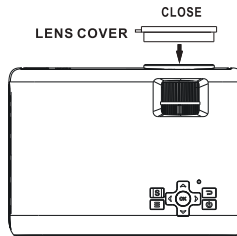


## REMOVE & CLOSE THE LENS COVER

Remove the lens cover before using



Close the lens cover when unit not using

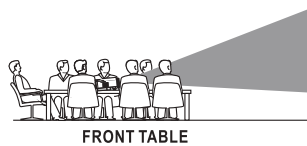


## Placing Your Projector

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

Front Table:

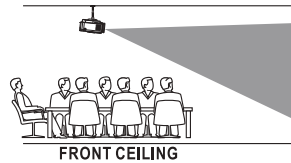
Select this location with the projector placed near the floor in front of the screen. This is the most common way to position the projector for quick setup and portability.



Front Ceiling:

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

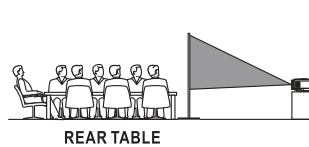
**NOTE:** A projector mount is required to install the projector on a ceiling.



Rear Table:

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

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

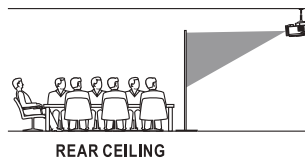


Rear Ceiling:

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 on a ceiling.

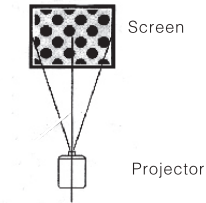
A special rear projection screen is required.



## TO REDUCE IMAGE DISTORTION

It is recommended to move the projector as close to center of screen.

Square /Rectangle

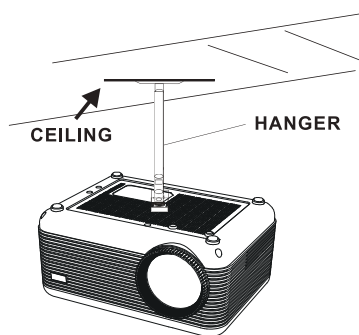


## PLACING YOUR PROJECTOR ON CEILING

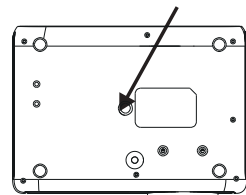
When installing the projector in the ceiling, please purchase a projector mount recommended by an installation professional and follow the instructions that come with the mount.

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

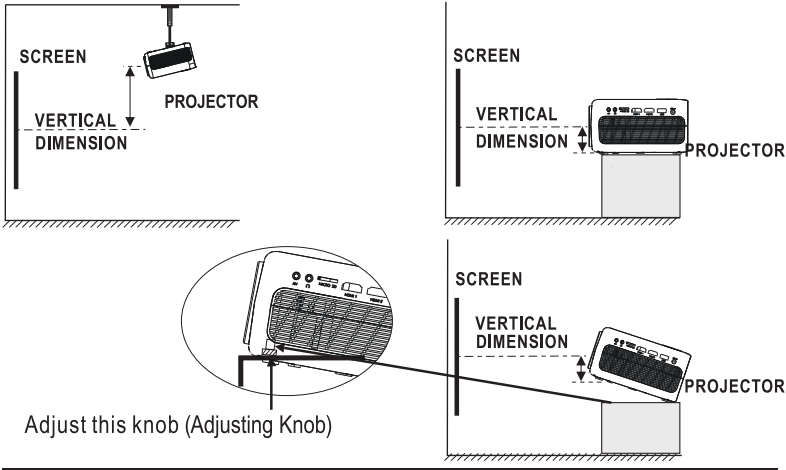


**FIXED HANGER HOLE**



## ADJUST THE VERTICAL LOCATION

Follow the below picture to adjust the vertical location.

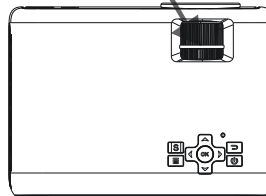


## TO REDUCE IMAGE DISTORTION

It is recommended to move the projector as close to the center of the screen.

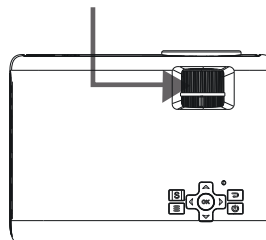
Adjust the focus by turning the knob while observing the image pixels near the center of the screen. Optimal focus is obtained when the pixels are clearly visible. Depending on the projected screen size, the focus near the screen edges may be less sharp than the screen center.

**FOCUSING RING**  
Then sharpen the image  
by rotating focus knob



Keystone image is created when the projector beam is projected to the screen at an angle. Keystone correction will restore the distorted image to a rectangular or square shape.

**KEystone CORRECTION**



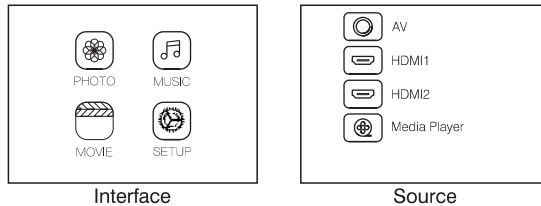
## CONNECTING

### Connection Instructions

#### Select an input source



You will see the picture below when the projector is turned on. You can choose between the different input sources ( AV / HDMI1 / HDMI2 / Media Player) by pressing the " Source " button on the projector touch panel, or remote control.

You can connect different devices with the projector, according to the following connection instructions.



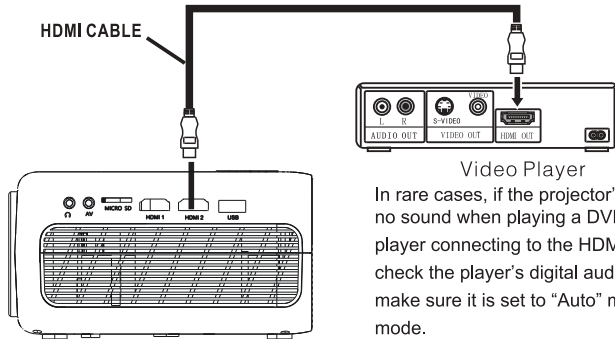
### Connect HDMI Show The Image On Projector Screen

Follow below picture to connect HDMI cable and device.

1. Turn off the unit before connect HDMI cable.
2. After connect, press the  button to turn on unit and power indicator will light GREEN
3. Press the "S" / **SOURCE** button to HDMI mode and the video of HDMI device will show on projector screen. There are 2 HDMI input, HDMI1 interface corresponds to HDMI 1 in SOURCE mode , and HDMI2 interface corresponds to HDMI 2 in SOURCE mode.
4. Press the  button twice to turn off unit power.




## CONNECTING

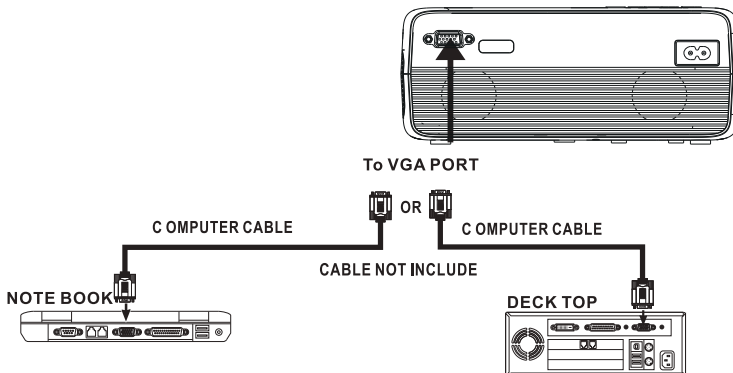
**HDMI HD Signal Input : This Interface Can Be Input With HD Player HDMI Output At The Connection**



## Connect VGA Show The Image On Projector Screen

Follow below picture to connect VGA cable and device.

1. Turn off the unit before connect VGA cable.
2. Press the  button twice to turn off power of your projector before connection.
3. After connect, press the  button to turn on unit and power indicator will light GREEN
4. Press the "S" / **SOURCE** button to VGA mode and the video of VGA device will show on projector screen.
5. Press the  button twice to turn off unit power.



Please refer to the following table to adjust the output signal from computer

| Type | Resolution |          | Frequency | Field Frequency |
|------|------------|----------|-----------|-----------------|
| PC   | VGA        | 640x480  | 31.5      | 60              |
|      |            |          | 34.7      | 70              |
|      |            |          | 37.9      | 72              |
|      |            |          | 37.5      | 75              |
|      | SVGA       | 800x600  | 31.4      | 50              |
|      |            |          | 35.1      | 56              |
|      |            |          | 37.9      | 60              |
|      |            |          | 46.6      | 70              |
|      |            |          | 48.1      | 72              |
|      |            |          | 46.9      | 75              |
|      | XGA        | 1024x768 | 40.3      | 50              |
|      |            |          | 48.4      | 60              |
|      |            |          | 56.5      | 70              |


## CONNECTING

### Note:

- ① VGA and HDMI interface can be connected with the computer or other devices with the VGA/HDMI output interface.
- ② Choose the media signal channel: "PC-RGB" or "HDMI".

Add: Different brand laptop output keys are as follows:

|          |       |           |        |
|----------|-------|-----------|--------|
| Lenovo   | Fn+F3 | Fujitsu   | Fn+F10 |
| Dell     | Fn+F8 | Haier     | Fn+F3  |
| HP       | Fn+F4 | NEC       | Fn+F3  |
| ThinkPad | Fn+F7 | Panasonic | Fn+F3  |
| Asus     | Fn+F8 | Sharp     | Fn+F5  |
| Acer     | Fn+F5 | Hitachi   | Fn+F7  |
| Samsung  | Fn+F4 | TOSHIBA   | Fn+F5  |
| Sony     | Fn+F7 |           |        |

The user of windows 7 or over windows 7. Simply press the  +P, select "copy" to connect. If the operation above is invalid, Please update the computer graphics driver.

## CONNECTIN

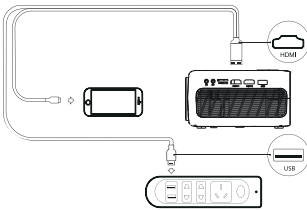
### Smartphone connection

#### For IOS devices

By using a lightning to HDMI/USB adapter(lightning to HDMI cable adapter), you can connect your iOS device to this projector easily(NOT INCLUDE ADAPTER)

#### For Android devices

This projector allows you connect to your Android mobilephone with micro USB/type C to HDMI/USB(NOT INCLUDE ADAPTER)



Micro USB to HDMI adapter



Lightning to HDMI a dapter



#### Note:

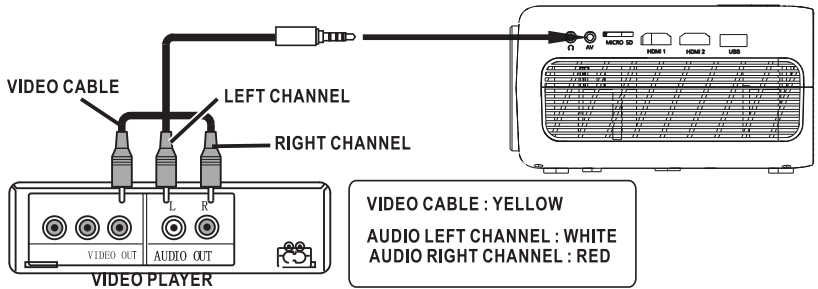
1. Please kindly note that the adapter was not included in the package.
2. Please also make sure to choose HDMI as the input source after connection.
3. Because there are different versions of Micro USB/ Type C / Lighting to HDMI adapter cable and different models of smartphones, the Micro USB/Type C / Lighting to HDMI adapter cable may not be compatible with your smartphone, and there is a problem that it cannot be connected. Has nothing to do with the projector,you can try another adapter cable.
4. All Micro USB/Type C / Lighting to HDMI cable in the market cannot support mobile phones to play NETFLIX,hulu,amazon prime video projection, which has nothing to do with the projector.

## CONNECTIN

### Connect AV Show The Image On Projector Screen

Follow below picture to connect AV cable and device.

1. Turn off the unit before connect AV cable.
2. Use AV cable to connect follow below figure
3. After connect, press the  button to turn on unit and power indicator will light GREEN
4. Press the "S" / **SOURCE** button to AV mode and the video of AV device will show on projector screen
5. Press the  button twice to turn off unit power.






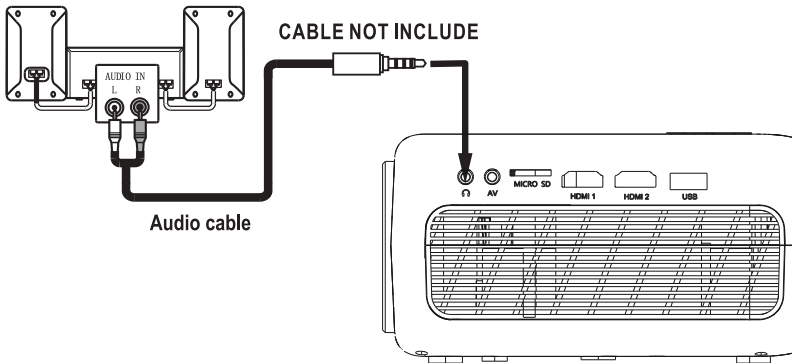
## CONNECTING

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

Follow the below picture to connect the audio cable and device.

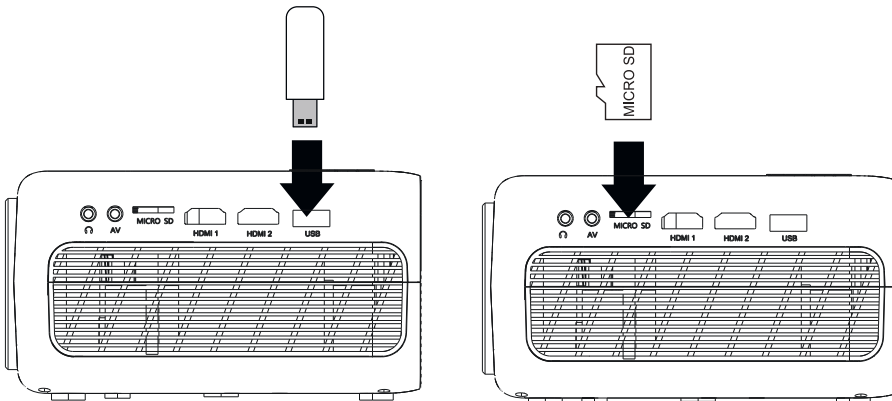
1. Press the  button twice to turn off the power of your projector before the connection.
2. Use an audio cable to connect follow the below figure.
3. After connect and turn on both units. Your projector sound from an external device now.
4. After using , turn off both unit.

### Station Amplifier



### Install USB Device And Micro SD Card















Follow the below picture to install the USB and microSD Card.  
Turn off the unit before installing the USB / microSD Card.















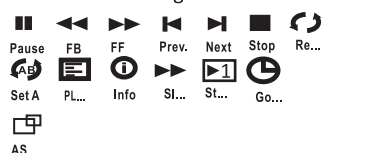
# CONNECTING

## Using microSD Card And USB Playback (Media Player)

Install USB / Micro SD device:

1. Turn off the unit before install USB / microSD Card.
2. Install the USB device into USB port.
3. After connect, press the  button to turn on unit and the power indicator light GREEN.
4. Press the "" / **SOURCE** button to enter and use  buttons to search the MEDIAPLAYER mode.
5. After selection, use  buttons to search the MUSIC / PHOTO / MOVIE icon and press the  button to enter. If necessary, use the  button to select microSD card or USB and press the  button to enter.
6. Use  buttons to search the correct file and press the  button to preview playback file and press the  button of unit or  button of remote to start playback.
7. Press  button to fast search forward and rewind.
8. Press  button to search next or previous file.
9. During playback, press the  button to pause and press again to resume.

**NOTE:** Remove USB / microSD device, press the  button twice to turn power **FIRST**.

|  |  |
|--|--|
| 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 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 Music screen   |  |
| <ol style="list-style-type: none"> <li>3. When music playback, press the  button and more function screen show on lower (figure 2).</li> <li>4. 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 Movie screen   |  |
| <ol style="list-style-type: none"> <li>5. When movie playback, press the  button and more function screen show on lower (figure 3).</li> <li>6. Use the  button to select icon and press the  button to play special function.</li> </ol> | <p style="text-align: center;">Figure 3</p>  |

## USING BLUETOOTH PLAYBACK

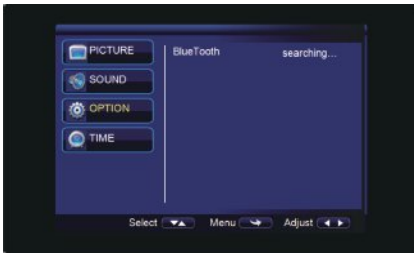
### Pairing to Bluetooth Wireless Speakers or Sound Bar

**NOTE: Bluetooth is OFF by default when the projector powers ON. Bluetooth can be turned ON or OFF from the OPTIONS Menu.**

1.Enable Bluetooth on the receiver (external speakers, sound bar, etc.) to which you wish to connect. Devices such as smartphones, tablets, or computers are not Bluetooth receivers and will not connect to the projector. To eliminate confusion, you should disable Bluetooth on all receivers to which you do not wish to connect.

The bluetooth pairing list is not acceptable, it needs show what is the step to turn on the projector and show the picture on the manual.

2.Power on the projector and make sure the projector's Bluetooth is on and in pairing mode (see note above). Press the menu key from the remote>>>select OPTION>>>select BlueTooth>>>press the navigation >/< to turn on the bluetooth>>>Select the bluetooth on, press the OK key from the remote, when the Scan shows on the screen, press the OK key again>>>When the screen shows 'Searching, pl...' >>>the bluetooth devices name will be shown on the screen, select it and press the OK key to connect it.



3. When successfully paired, it will show ' Bluetooth Connected' on the menu. Exit the menu, the sound will come out from the bluetooth speaker.

4. It can connect last bluetooth speaker automatically when the unit is powered on again.

Note: It needs power on the last connected bluetooth speaker first, then turned on the projector, if it can't connect last devices automatically, please repeat step 2~3.

After initial pairing, the projector and the Bluetooth speakers will stay paired unless unpaired manually by the user, or erased due to a reset of either device. If this occurs, or you find either unit is unable to connect, repeat the above steps.


## PROJECTOR SETTING

1. Click "Menu" of the projector remote control or "M" of the projector, enter the setting menu.
2. "PICTURE"/" SOUND"/" OPTION"/" TIME" can be set manually. After you select the properties (PICTURE/SOUND/TIME/OPTION) you want to set, please press "<" or ">" on the operation panel to select the setting range of the properties.



# PROJECTOR SETTING

Options Related to "PICTURE" are set on this screen

Use  buttons to select manual page. This manual showed on right upper of screen.



1. **Picture Mode**  
Select Vivid, User (custom), Soft ,or Standard
2. **Contrast ,Brightness, etc**  
Set Picture Mode to "User" to adjust these settings
3. **Color Temperature**  
Select Warm ,Cool, or Medium.
4. **Aspect Ratio**  
Select 16:9, 4:3 , or Auto
5. **Noise Reduction**  
Select Off, Low , Middle , High or Default
6. **Screen**

| Color temper... (temperature) |           |
|-------------------------------|-----------|
| Customer define               | Parameter |
| red                           | 0-100     |
| blue                          | 0-100     |
| green                         | 0-100     |

| Aspect Ratio |  |
|--------------|--|
| 4:3          | The signal in a 4:3 aspect ratio projection image  |
| 16:9         | The signal in a 16:9 aspect ratio projection image |

## PROJECTOR SETTING

Options Related to "SOUND" are set on this screen

Use  buttons to select manual page. This manual showed on right upper of screen.




1. **Sound Mode**  
Select Music, Movie, User (custom), Sports ,or Standard
2. **Treble, Bass**  
Set Sound Mode to "User" to adjust these settings
3. **Balance**  
Adjust the audio balance.
4. **Surround Sound**  
Turn Surround Sound ON or OFF.

| Sound Mode - User | Parameter |
|-------------------|-----------|
| Treble            | 0-100     |
| Bass              | 0-100     |

# PROJECTOR SETTING

Options Related to "SETTING" are set on this screen

Use  buttons to select manual page. This manual showed on right upper of viewing screen.



## 1. OSD Language

Select different language, Follow below figure.

|           |          |            |         |
|-----------|----------|------------|---------|
| English   | Hrvatski | Nederlands | Chinese |
| Franais   | Deutech  | Slovenina  | Slovak  |
| Espanol   | Italiano | Norsk      |         |
| Portugues | Magyar   | Srpski     |         |
| Esky      | Polski   | Svenska    |         |
| Dansk     | Romnete  | Suomi      |         |

## 2. Bluetooth

Turn Bluetooth ON or OFF

## 3. Restore Factory Default

Select Y or N.

## 4. Panel Rotate


Select rotate 0, rotate 1, rotate 2, rotate 3..

## 5. INFO

Display the unit information as below.

## PROJECTOR SETTING

Options Related to "TIME" are set on this screen

Use  buttons to select manual page. This manual showed on right upper of viewing screen.



1. **Clock**  
Select clock to Day, Month, Year, Hour, and Minutes.
2. **Off Timer**  
Select turn off timer to Day, Hour, and Minutes.
3. **On Timer**  
Select turn on timer to Day, Hour, and Minutes.
4. **Sleep Timer**  
Select sleep timer to Off, 10min, 20min, 30 min, 60min, 90min, 120min, 180min, 240min
5. **Auto Sleep**  
Select auto sleep function to Never, 4 hour, 6 hour, 8 hour.



## USING BLUETOOTH PLAYBACK

**Problems listed below might occur during the operation of your projector. Please refer to the possible factors which might cause the issue to do troubleshooting.**

### **1. Why is the audio of the projector available but without display?**

\*Due to Dolby's copyright issues, the current regular projectors selling on Amazon do not support Dolby sound, So there will be no sound when you play Dolby sound videos, (Amazon fire stick, Netflix, Blue-ray movies and so on)

In this case, please kindly turn off the Dolby sound on your device or apps.

(Settings > Display & Sounds > Audio > Dolby Digital Output > and then turn Dolby Digital (OFF))

- \* The video format is not supported by the projector.
- \* Encryption applied to the videos or media player which holds the video.
- \* If the lamp of the projector is off with only audio playing, the lamp is defective. Please contact GROVIEW for a replacement.
- \* Try another HDMI cable if you select the HDMI input source.

### **2. How can I do if the image is up side down?**

\* Enter Menu-Picture-Projection Direction to flip the projection image accordingly.

### **3. How should I do if there are small dots on display?**

\* It may be caused during installing or shipping, please contact Groview to get the video about how to clean it.

### **4. How can I do if the image is blurry or out of shape?**

- \* Adjust focus ring/keystone.
- \* Projector and screen/wall must be ineffective distance.

## **5. How can I do if the remote is unresponsive?**

- \* Make sure remote points at IR receiver directly.
- \* Do not cover the IR receiver.
- \* Try a new pair of AAA batteries.

## **6. No Image is Projected or a "No Signal" message is displayed?**

- \*Is the power light on? If it is not on, check the projector is plugged into the mains, that the socket is switched on, and then press the power button on the projector.
- \*Check the lens cover has been removed.
- \*Check the cables are securely attached and installed as per the User Manual.
- \*The image source may not be set correctly. Press the Source button on the Control Panel or the Remote, to select the correct setting.
- \*Check in the Menu section under Video input signal to make sure that has been set correctly.
- \*If doesn't resolve things, please contact Groview for further assistance.

# WARRANTY

It's our big honor that you purchased our GROVIEW projector, we are committed to providing the best customer service.

If you have any questions, please feel free to contact us, our customer service team will do their best to help you solve the problem.



(Scan this QR code to activate the 24-month warranty and get a gift within 7 days after receiving this item)

US: [service@groviewtec.com](mailto:service@groviewtec.com)

EU: [service.eu@groviewtec.com](mailto:service.eu@groviewtec.com)

#### FCC Warning

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.

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

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.

#### 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 20cm between the radiator and your body.