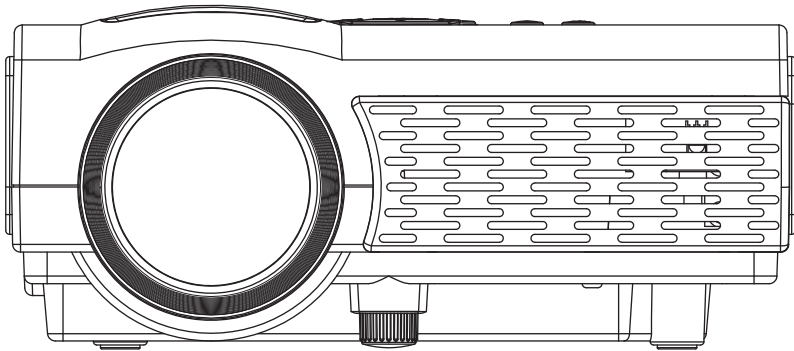


# Asnish

## Home Theater Projector with Bluetooth

### INSTRUCTION MANUAL

### PJ-88BT



Web site: [www.Asnish.com](http://www.Asnish.com)  
Email: [support@Asnish.com](mailto:support@Asnish.com)

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:

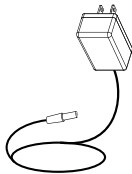
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## 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 20cm between the radiator & your body.

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

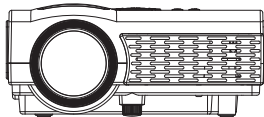
# In The Box



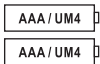
AC Power Adapter



Remote



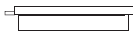
Main Unit



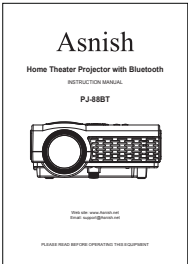
Two AAA Batteries



HDMI Cable



Lens Cover



User Manual

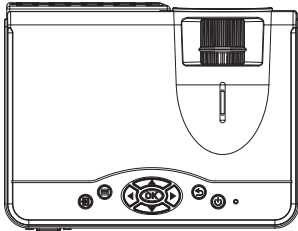
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# Remove & Close The Lens Cover

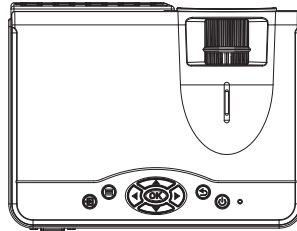
Remove the lens cover before using

LENS COVER      ↑ REMOVE



Close the lens cover when unit is not using

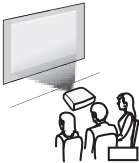
LENS COVER      ↓ CLOSE



## Placing of Your Projector

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

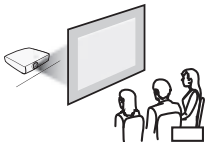
Front Table



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

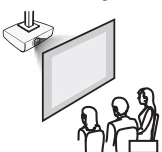


Front Ceiling:

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



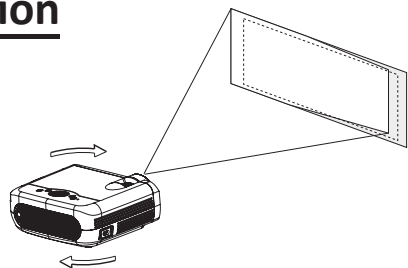
Rear Ceiling:

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.

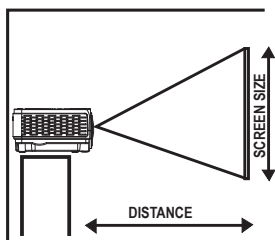
# To reduce Image Distortion

- 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.



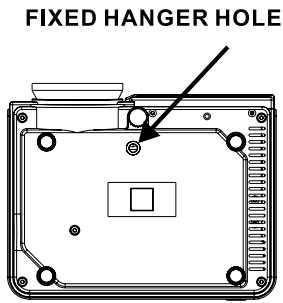
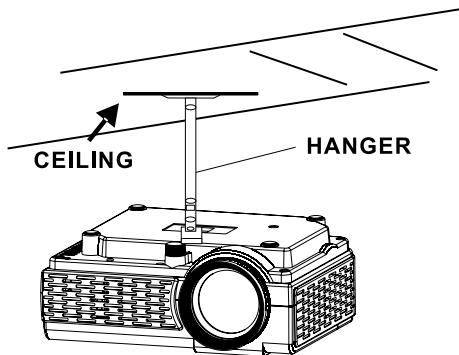
Distance	Screen Size
1.16m	36 inch
1.35m	45 inch
1.51m	50 inch
1.79m	60 inch
2.15m	72 inch
2.81m	100 inch
3.43m	120 inch
4.44m	150 inch

# 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.

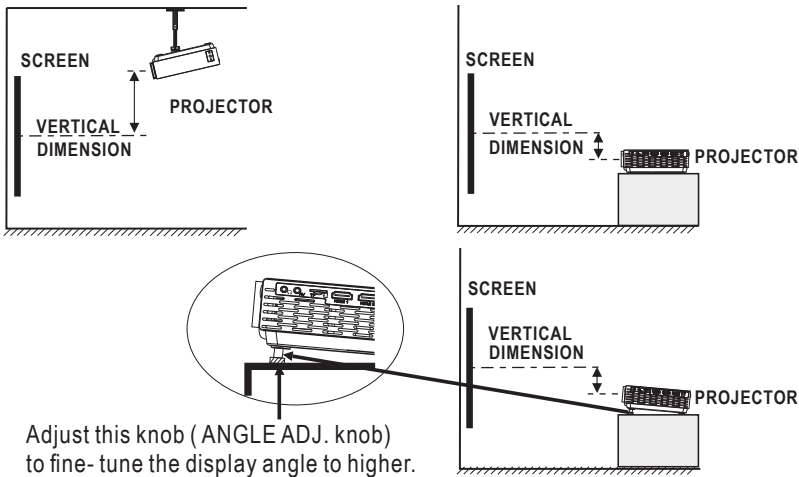
Before installing the projector in the ceiling, please check to make sure the ceiling structure can support the weight of the projector and the mount. If in doubt, please ask the advice from an installation professional.

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



# Adjust The Vertical Location

Follow below picture to adjust the vertical location.

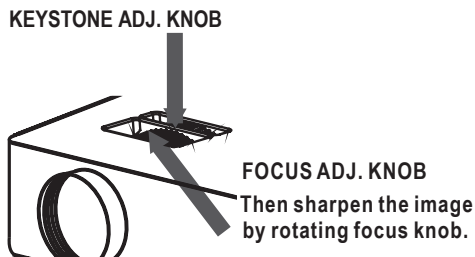


# Adjust The Focus And Keystone

Follow below picture to adjust the focus and trapezoidal screen.

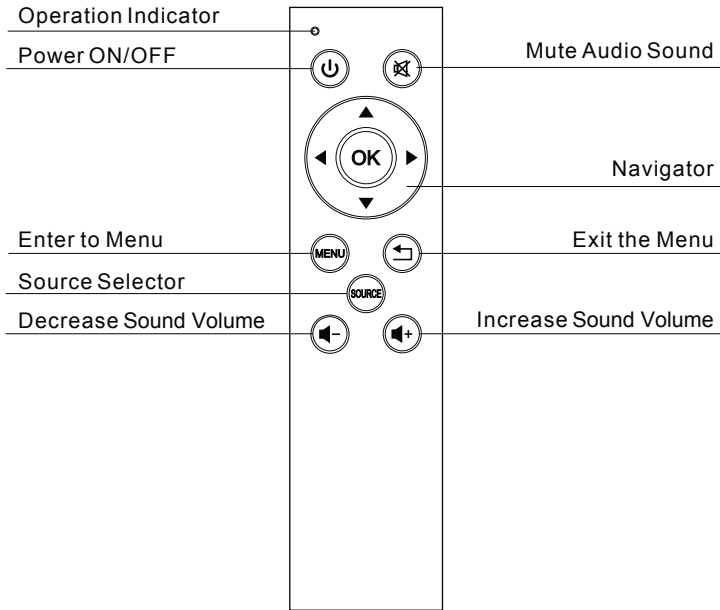
Adjust the focus by turning the knob while observing the image pixels near the center of the screen. Optimal focus is obtained when the pixels are clearly visible. Depending on the projected screen size, the focus near the screen edges may be less sharp than the screen center.

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

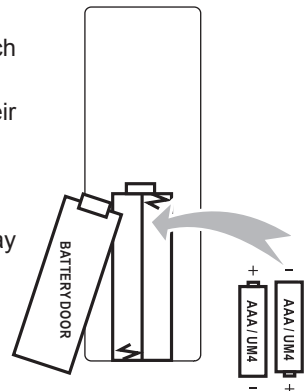


## Install / Remove Batteries of Remote

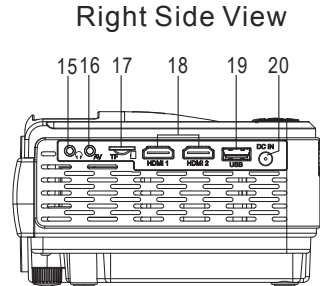
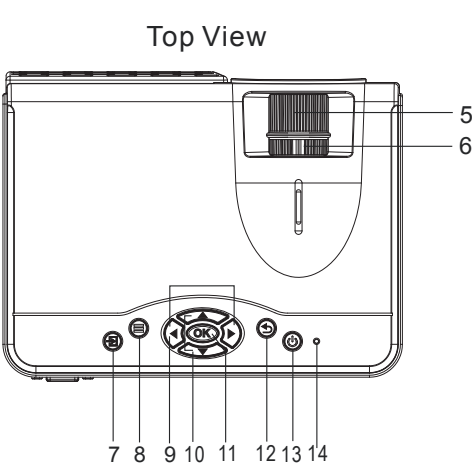
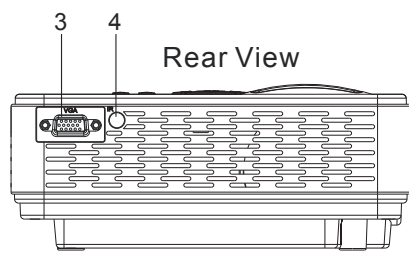
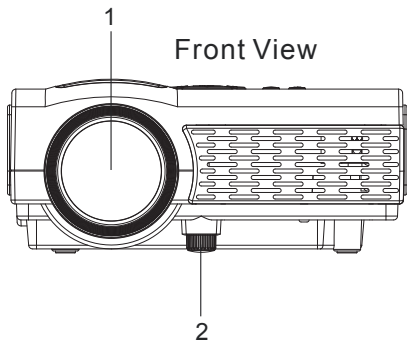
Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries (included), referring to the polarity markings. Finally, replace the cover.

### 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

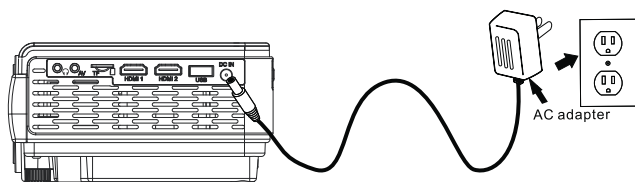


- |    |                       |    |                  |
|----|-----------------------|----|------------------|
| 1  | LENS                  | 11 | OK Button        |
| 2  | ANGEL ADJ. Knob       | 12 | RETURN ↶ Button  |
| 3  | VGA IN Port           | 13 | POWER ⏻ Button   |
| 4  | IR Sensor             | 14 | POWER Indicator  |
| 5  | FOCUS ADJ. Knob       | 15 | EAR PHONE Jack   |
| 6  | TRAPEZOIDAL ADJ. Knob | 16 | AV IN Jack       |
| 7  | SOURCE 📺 Button       | 17 | TF Card Slot     |
| 8  | MENU ≡ Button         | 18 | HDMI 1 & 2 Ports |
| 9  | ◀ ▶ Buttons           | 19 | USB Port         |
| 10 | ▲ ▼ Buttons           | 20 | DC IN Jack       |

# 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 turn off.


 / **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.




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

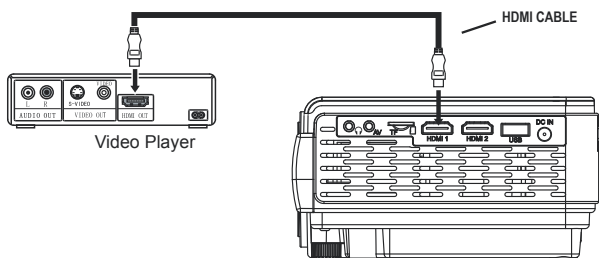
 - Press the buttons to select the sound level.

 - 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. Turn off the unit 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 select HDMI 1 or HDMI 2 and the video from the connected device will be shown on projector screen.
4. Press the  button to turn off unit power.






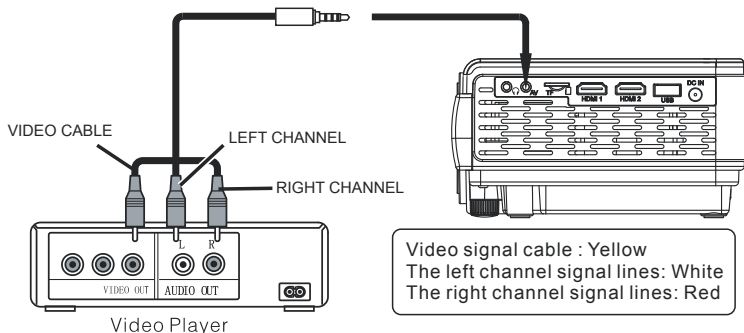
### Important Note:

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 below picture to connect AV cable and device.

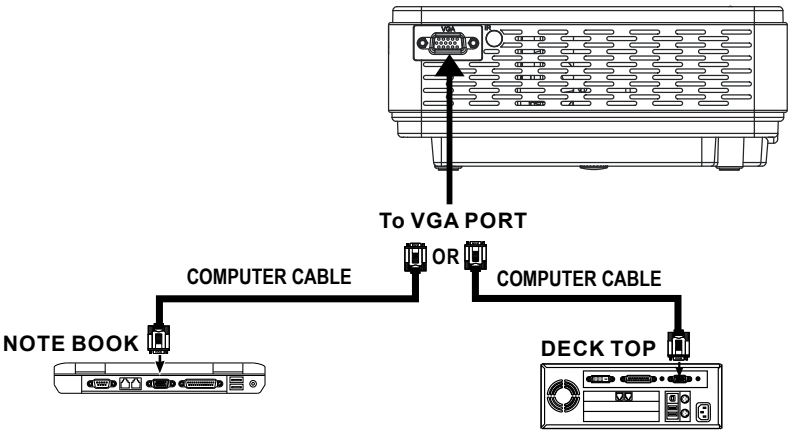
1. Turn off the unit before connect AV cable.
2. After connection, press the  button to turn on unit and power indicator will light GREEN
3. Press the  / **SOURCE** button to select to AV mode and the video of AV device will be shown on projector screen.
4. Press the  button to turn off unit power.



# 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 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  / **SOURCE** button to select VGA mode and the video of VGA device will show on projector screen
- 5. Press the  button to turn off unit power.




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

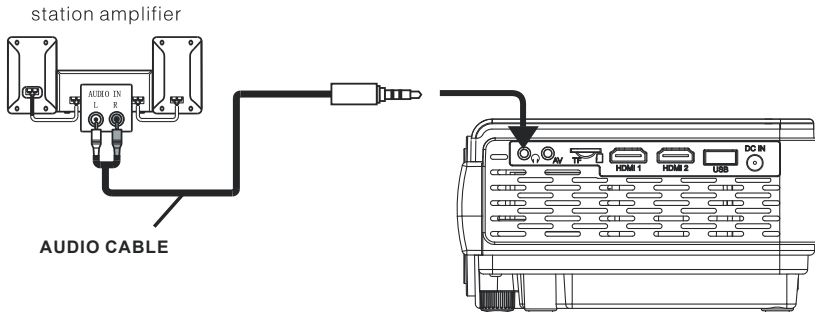
Type	Resolution		Frequency	Field Frequency
PC	VGA	640x480	31.5	60
			34.7	70
			37.9	72
			37.5	75
	SVGA	800x600	31.4	50
			35.1	56
			37.9	60
			46.6	70
			48.1	72
			46.9	75
	XGA	1024x768	40.3	50
			48.4	60
			56.5	70

**NOTE:** In order to get the sound from the unit, please connect AV IN cable when you connect VGA input.

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

Follow below picture to connect audio cable and device.

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



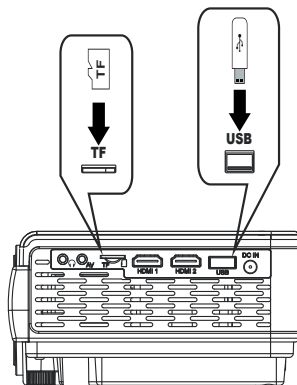
### Important Note:

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 TF (Micro SD) Card














Follow below picture to install USB and TF card

Turn off the unit before install USB / TF card.























# Using TF Card And USB Playback (Media Player)

Install USB / TF device:

1. Turn off the unit before install USB / TF card.
2. Install the USB device into USB port / Install the TF device into TF slot.
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 USB or TF.
5. After selection, use  /  buttons to search the PHOTO / MUSIC / MOVIE / TEXT icon and press the  button to enter.
6. Use the  /  button to select C and press  button to enter.
7. Use  /  buttons to search the correct file to preview and press the  button to playback file.






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

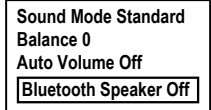
Sub-Menu on Photo screen	
<ol style="list-style-type: none"> <li>1. When photo playback, press the  button and more function screen show on lower (figure 1).</li> <li>2. Use the  /  button to select icon and press the  button to play special function.</li> </ol>	<p>Figure 1.</p> 
Sub-Menu on Music screen	
<ol style="list-style-type: none"> <li>1. When music playback, press the  button and more function screen show on lower (figure 2).</li> <li>2. Use the  /  button to select icon and press the  button to play special function.</li> </ol>	<p>Figure 2.</p> 
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 3).</li> <li>2. Use the  /  button to select icon and press the  button to play special function.</li> </ol>	<p>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>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. Press the  button to turn on unit.
2. Press the /MENU button to enter the menu screen.
3. Use the /▶ button to select right side menu.
4. Use the /▼ button to select Bluetooth speaker column.
5. Press the  button to select “Bluetooth Speaker On”
6. Turn on your External Bluetooth Speaker and select to Bluetooth pairing mode
7. A few seconds, next the BT logo will show the connected External Bluetooth Speaker name in the main function page.
8. After connection completed, the unit sound to External Bluetooth speaker.



## Disconnect the Bluetooth

1. Press the /MENU button to enter the menu screen.
2. Use the /▶ button to select above menu.
3. Use the /▼ button to select Bluetooth speaker column.
4. Press the  button to select “Bluetooth Speaker Off” that the Bluetooth disconnect.

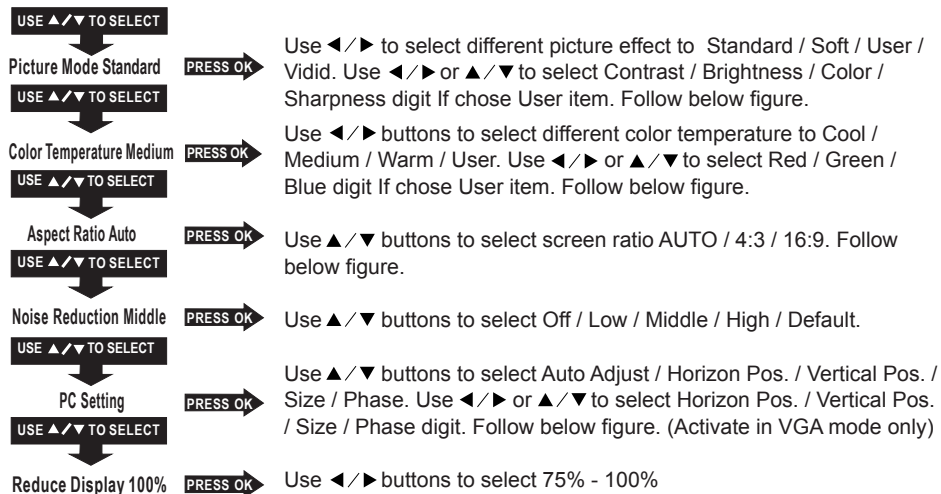


# Using Projector Menu 1

Press **MENU** button to enter projector menu.

Picture Mode Standard  
Color Temperature Medium  
Aspect Ratio Auto  
Noise Reduction Middle  
PC Setting  
Reduce Display 100%

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



Picture Mode	
Customer define	Parameter
Contrast	0-100
Brightness	0-100
Color	0-100
Sharpness	0-100

Color temperature	
Customer define	Parameter
Red	0-100
Green	0-100
Blue	0-100

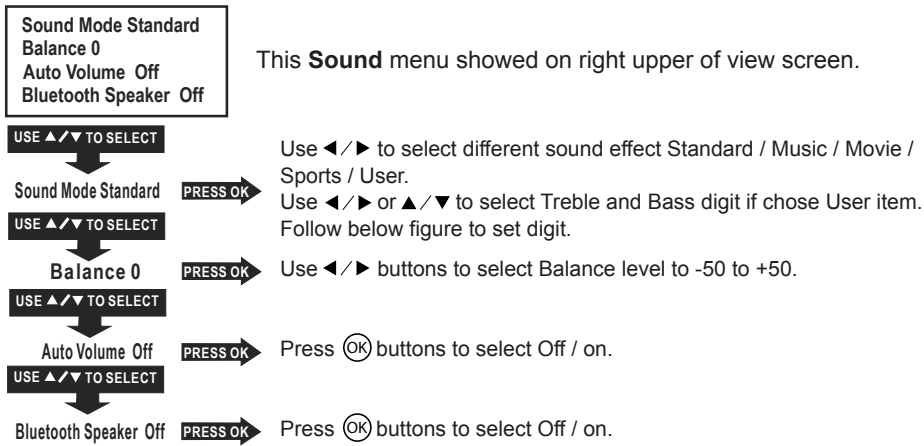
Aspect Ratio	
4:3	4:3 The signal in a 4:3 aspect ratio projection image
16:9	16:9 The signal in a 16:9 aspect ratio projection image

PC Setting (Active in VGA mode)	
Customer define	Parameter
Horizon Pos.	Press ◀/▶ to set
Vertical Pos.	0-100
Size	0-100
Phase	0-100

**Noted: PC setting menu is activated in VGA mode only.**

# Using Projector Menu 2

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

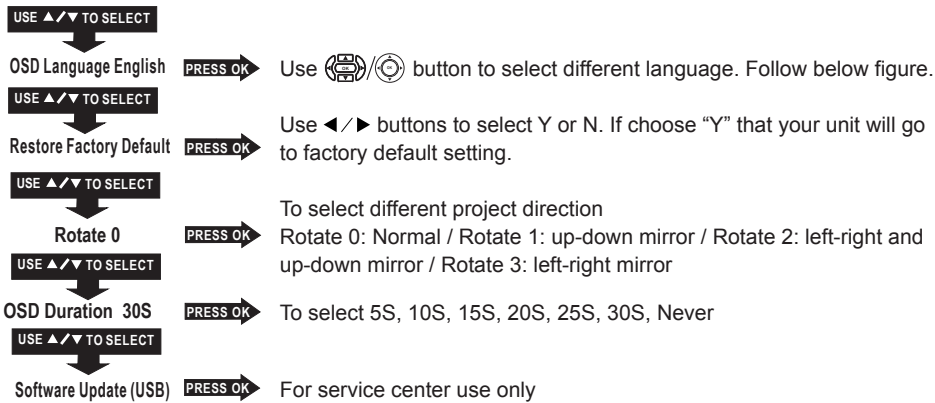


# Using Projector Menu 3

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

OSD Language English  
Restore Factory Default  
ROTATE 0  
OSD Duration 30S  
Software Update(USB)

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



Czech	English	France	Magyar	Polski	Slovenina	Slovensko
Dansk	Spanish	Croatian	Nederla...	Português	Srpski	Chinese
Deutsch	Greek	Italiano	Norsk	Romnete	Suomi	



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