MODEL NO. **PJ28BT**

Home Theater Projector with Bluetooth

INSTRUCTION MANUAL

PLEASE READ BEFORE OPERATING THIS EQUIPMENT

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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

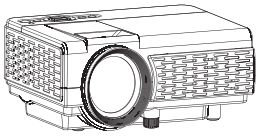
FCC ID: 2ANH7696PJ28BT

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.

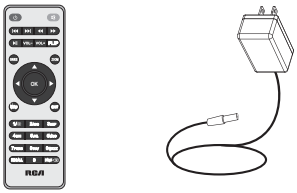
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate 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.

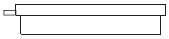
In The Box



Main unit



AC Power Adapter



Lens Cover

User Manual

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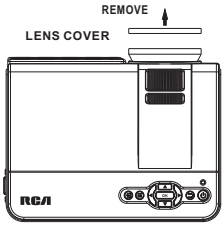
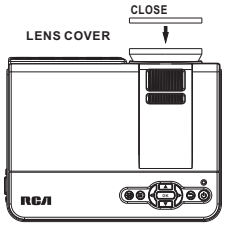
Remove & Close The Lens Cover

Remove the lens cover before using



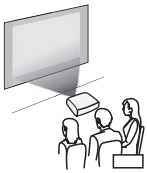
Close the lens cover when unit not using



Placing Your Projector

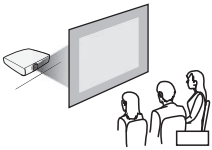
Your projector can be installed in four different configurations (see picture below):

Front Table



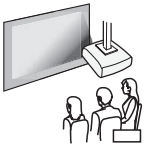
Front Table:
Select this location with the projector placed near the floor in front of the screen. This is the most common way to position the projector for quick setup and portability.

Rear Table



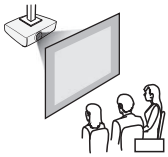
Rear Table:
Select this location with the projector placed near the floor behind the screen.
NOTE: That a special rear projection screen is required.

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.

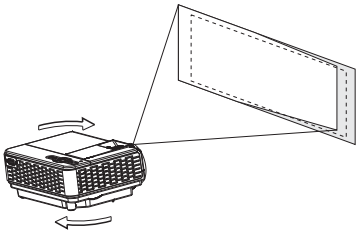
Rear Ceiling



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.

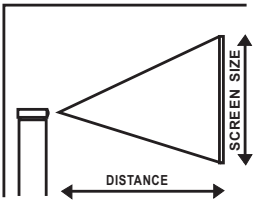
To Reduce Image Distortion

- 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.



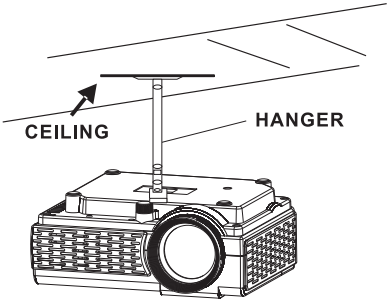
Distance	Screen Size
1.16m	37 inch
1.35m	45 inch
1.51m	50 inch
1.81m	60 inch
2.15m	72 inch

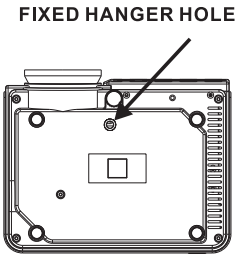
Installing your Projector in the Ceiling

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 professorial.

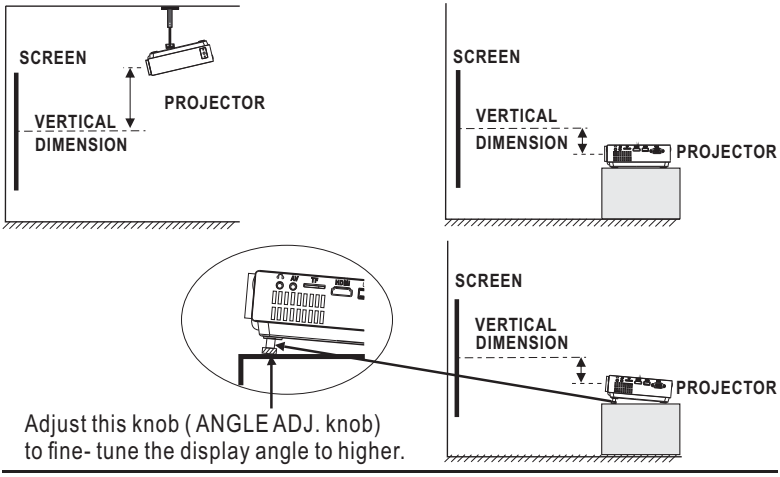
NOTE: Projector mount and screw(s) not included





Adjust The Vertical Location

Follow below picture to adjust the vertical location.

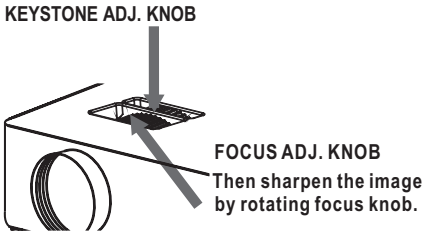


Adjust The Focus And Keystone

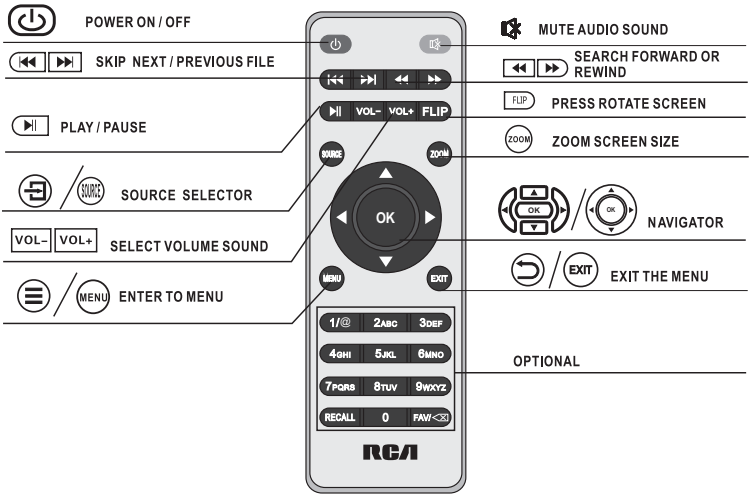
Follow below picture to adjust the focus and trapezoidal screen.

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

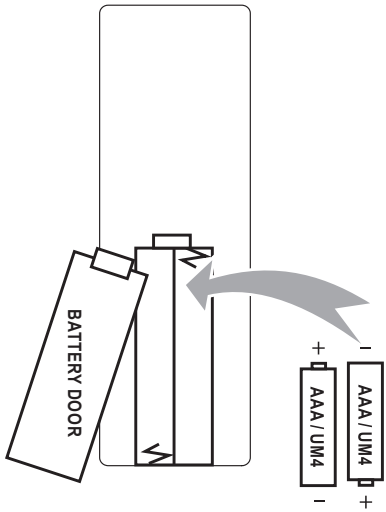


Install / Remove Battery Of Remote

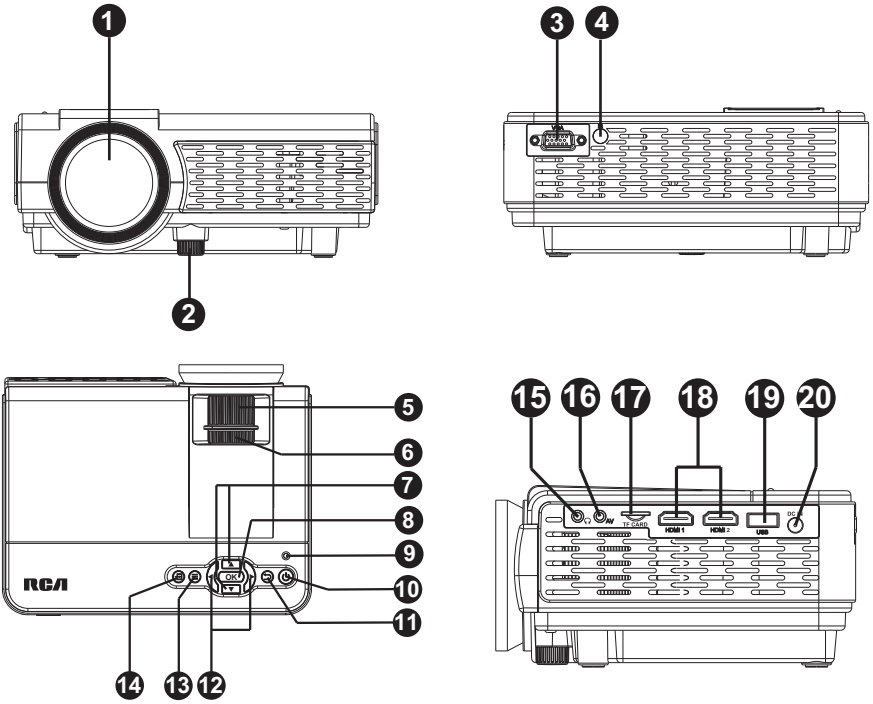
Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries (not included), referring to the polarity markings. Finally, replace the cover.

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

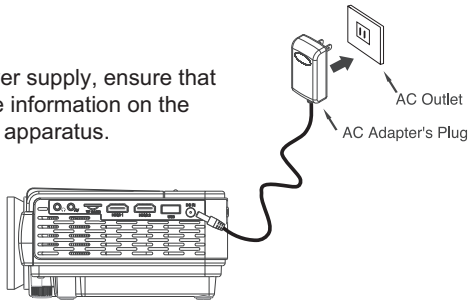


1. LENS
2. ANGEL ADJ. Knob
3. VGA IN Port
4. IR Sensor
5. FOCUS ADJ. Knob
6. TRAPEZOIDAL ADJ. Knob
7. ▲/▼ Buttons
8. (OK) Button
9. POWER Indicator
10. POWER ⏻ Button
11. RETURN ⮌ Button
12. ◀/▶ Buttons
13. MENU ☰ Button
14. SOURCE ⇥ Button
15. EAR PHONE Jack
16. AV IN Jack
17. TF Card Slot
18. HDMI 1 & 2 Ports
19. USB Port
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 turn 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 fast search forward and rewind on USB / TF.

- Press the buttons to search next or previous file on USB / TF.

VOL+ / VOL - Press the buttons to select the sound level.

- Press the button to play/pause the playback of file on USB / TF card.

FLIP - Press the button to rotate / mirror projector screen

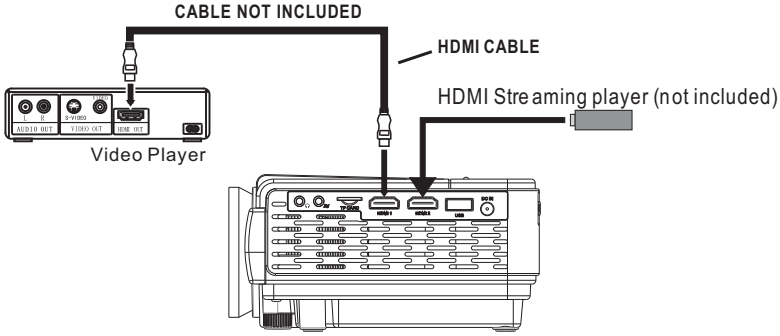
ZOOM - Press the button to select image scale.

- 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.

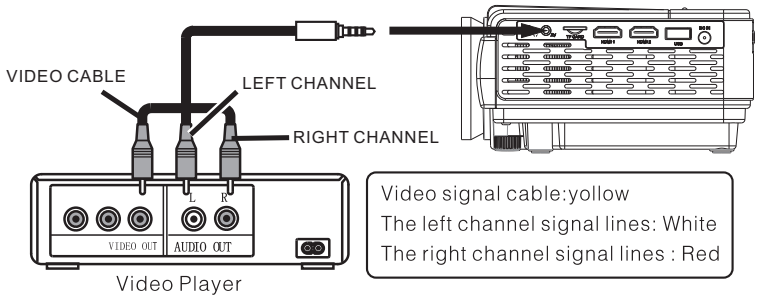


Important Note:
If there is no sound from the internal speakers when playing media contents from a set top box, BD/DVD or streaming players connecting to the HDMI input, please check the set top box or the player's digital audio settings and make sure it is set to "PCM Stereo" mode.

Connect AV Show The Image On Projector Screen

Follow below picture to connect AV cable and device.

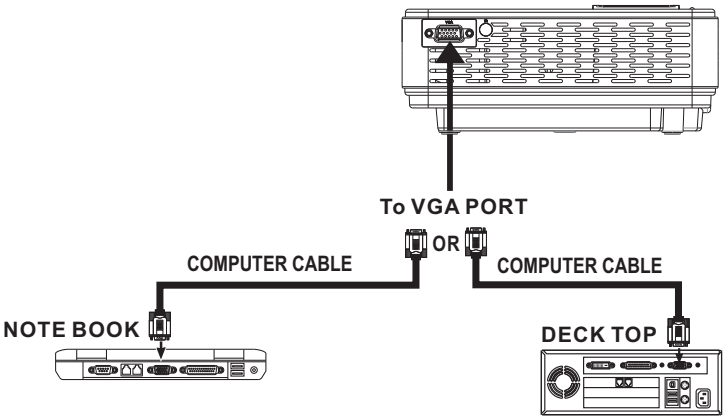
1. Turn off the unit before connect AV cable.
2. Use AV cable to connect follow below figure
3. After connect, press the ⏻ button to turn on unit and power indicator will light GREEN
4. Press the ⇥ / **SOURCE** button to select AV mode and the video of AV device will show on projector screen
5. Press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

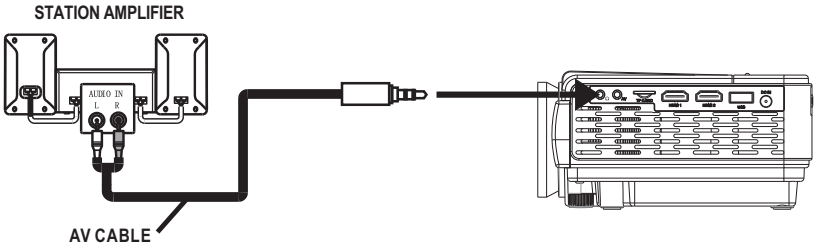
Type	Resolution		Frequency	Field Frequency
PC	VGA	640x480	31.5	60
			34.7	70
			37.9	72
			37.5	75
	SVGA	800x600	31.4	50
			35.1	56
			37.9	60
			46.6	70
			48.1	72
			46.9	75
	XGA	1024x768	40.3	50
			48.4	60
			56.5	70

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

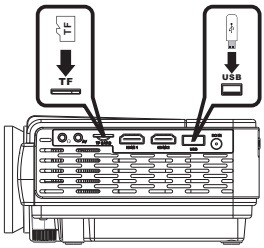


Important Note:
If there is no sound from the stereo audio output when playing media contents from a set top box, BD/DVD or streaming players connecting to the HDMI input, please check the set top box or the player's digital audio settings and make sure it is set to "PCM Stereo" mode.

Install USB Device And Micro Sd Card “TF”

Follow below picture to install USB and TF card

Turn off the unit before install USB / TF card.

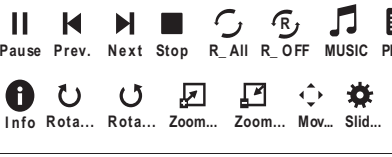


Using TF Card And USB Playback (Media Player)

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 OK button to enter.
6. Use the ◀ / ▶ button to select C and press OK button to enter.
7. Use ◎/◎ buttons to search the correct file and press the OK button to preview playback file and press ▶II button of remote to start playback.
8. Press ◀◀/▶▶ button to fast search forward and rewind.
9. Press ◀◀/▶▶ button to search next or previous file.
10. During playback, press the ▶II button to pause and press again to resume.

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

Sub-Menu on Photo screen	
1. When photo playback, press the OK button and more function screen show on lower (figure 1). 2. Use the ◀ / ▶ button to select icon and press the OK button to play special function.	Figure 1. 
Sub-Menu on Music screen	
1. When music playback, press the OK button and more function screen show on lower (figure 2). 2. Use the ◀ / ▶ button to select icon and press the OK button to play special function.	Figure 2.
Sub-Menu on Movie screen	
1. When movie playback, press the OK button and more function screen show on lower (figure 3). 2. Use the ◀ / ▶ button to select icon and press the OK button to play special function.	Figure 3.
Sub-Menu on Text screen	
1. When text playback, press the OK button and more function screen show on lower (figure 4). 2. Use the ◀ / ▶ button to select icon and press the OK button to play special function.	Figure 4.

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 OK button to select “Bluetooth Speaker On”
6. Turn on your External Bluetooth Speaker and select to Bluetooth pairing mode
7. A few seconds, near 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.

Sound Mode Standard
Balance 0
Auto Volume Off
Bluetooth Speaker Off

Disconnect the Bluetooth

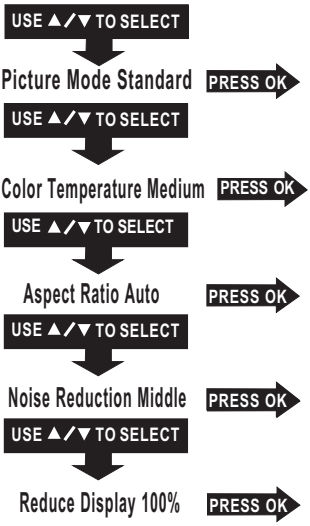
1. Press the ☰/ **MENU** button to enter the menu screen.
2. Use the ◀/▶ button to select above menu.
3. Use the ▲/▼ button to select Bluetooth speaker column.
4. Press the OK button to select “Bluetooth Speaker Off” that the Bluetooth disconnect.

Using Projector Menu 1.0

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.



Use ◀/▶ to select different picture effect to Standard / Soft / User / Vidid. Use ◀/▶ or ▲/▼ to select Contrast / Brightness / Color / Sharpness digit If chose User item. Follow below figure.

Use ◀/▶ buttons to select different color temperature to Cool / Medium / Warm / User. Use ◀/▶ or ▲/▼ to select Red / Green / Blue digit If chose User item. Follow below figure.

Use ▲/▼ buttons to select screen ratio AUTO / 4:3 / 16:9. Follow below figure.

Use ◀/▶ buttons to select Off / Low / Middle / High / Default.

Use ◀/▶ buttons to select 75% - 100%

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

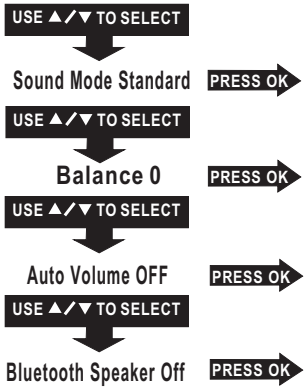
Aspect Ratio	
4:3	The signal in a 4:3 aspect ratio projection image
16:9	The signal in a 16:9 aspect ratio projection image

Using Projector Menu 2.0

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

Sound Mode Standard
Balance 0
Auto Volume Off
Bluetooth Speaker Off

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



Use ◀/▶ to select different sound effect Standard / Music / Movie / Sports / User.

Use ◀/▶ or ▲/▼ to select Treble and Bass digit if chose User item. Follow below figure to set digit.

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

To select On / Off

To select On / Off

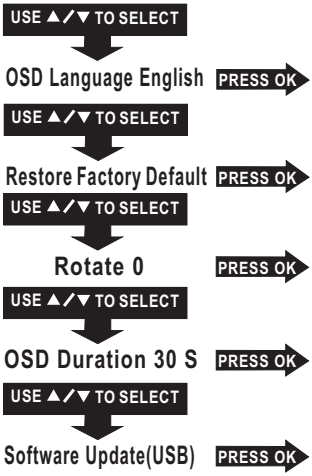
Sound Mode - User	Parameter
Treble	0-100
Bass	0-100

Using Projector Menu 3.0

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

OSD Language Engliash
Restore Factory Default
Rotate 0
OSD Duration 30 S
Software Update(USB)

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



Use / button to select different language. Follow below figure.

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

To select different project direction
Normal / left-right mirror / up-down mirror / left-right and up-down mirror.

To select 5S, 10S, 15S, 20S, 25S, 30S, Never

For service center use only

Czech	English	French	Hungarian	Polish	Romanian	Slovak
Danish	Spanish	Croatian	Dutch	Portuguese	Serbian	Simplified Chinese
German	Greek	Italian	Norwegian	Romanian	Finnish	

Specifications

Bluetooth Version	4.2
Light Source Type	LED
Brightness Output (LED)	2000 lumens
Display Native Resolution	800 x 480 RGB
HDMI Input Supported Video Resolution.	1080p , 1080i , 720p, 576i , 480p, and 480i
Power Consumption	Operating 30W; Standby 1.1W
Power Input Connect Included Adapter	DC 12V , 2.5A
Included Adapter	Input AC100-240V,50/60Hz
Connect DC input of unit	Output DC12V, 2.5A.
Display Color	16.7M
Projection Size	37-100 inch
Input Port	AV/ VGA / HDMI X 2
USB Port	Support USB device up to 32GB Support format Mpeg1, Mpeg2, Mpeg4, mp3, Jpeg
TF Card	Support TF card up to 32GB Support format Mpeg1, Mpeg2, Mpeg4, mp3, Jpeg
Net Weight (unit)	0.95 KG
Product Dimensions	200 x 154 x 83 mm

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

LIMITED PRODUCT WARRANTY

This quality product is warranted to be free from manufacturer's defects in material and workman-ship, provided that the unit is used under the normal operating conditions intended by the manufacturer.

Should you have any problem with this product, please and it is highly recommended to visit our website at www.curtisint.com before you take any other steps as we have additional copies of instruction manuals, operating manuals and trouble shooting tips on our website which gives you the answer on most of the questions you could have in operating the unit.

TERMS OF WARRANTY

C.I. Service Dept. warrants this product to be free from defects in materials and workmanship for 90 days on parts and 90 days on labor. If you originally purchased your product more than 90 days ago, a repair fee may apply.

Nothing within this warranty shall imply that C.I. will be responsible or liable for any damage to any items placed in this product, whether due to any defect of the product, or its use, whether proper or improper.

EXCLUSIONS

Save as herein provided, C.I. Service Dept. (Canada) or C.I. Service Dept. (USA), there are no other warranties, conditions, representations or guarantees, express or implied, made or intended by C.I. or its authorized distributors and all other warranties, conditions, representations or guarantees, including any warranties, conditions, representations or guarantees under any Sale of Goods Act or like legislation or statue is hereby expressly excluded. Save as herein provided, C.I. Service Dept. (Canada) or C.I. Service Dept. (USA), shall not be responsible for any damages to persons or property, including the unit itself, howsoever caused or any consequential damages arising from the malfunction of the unit and by the purchase of the unit, the purchaser does hereby agree to indemnify and save harmless C.I. from any claim for damages to persons or property caused by the unit.

TO OBTAIN REPAIRS UNDER THE TERMS OF THIS WARRANTY

1. The original purchaser must present a copy of the original bill of sale and the service warranty card.
2. Any alterations, abuse, misuse, battery corrosion or accidental damage voids the warranty.
3. The warranty does not cover cabinets and accessories.
4. No warranty or insurance contained or set out shall apply when damage or repair is caused by power failure; damage in transit or when moving the unit; improper power supply; use for commercial or industrial purposes; service calls resulting in customer education, etc.
5. The defective product should be mailed to:

Canada
C.I. Service Dept.
315 Attwell Drive
Toronto, ON
M9W 5C1

U.S.A
Curtis International Ltd
c/o Lotus International Company
6880 Commerce Blvd.
Canton MI 48187
U.S.A.

For service assistance and product information, please call: 1-800-968-9853.

If mailing the product, the freight must be prepaid and a money order for $7.00 should be included to cover the cost of insurance and the return of the product.

6. C.I. reserves the right to repair or replace the parts which have become defective.

To begin the **warranty repair process**, please note that you **MUST** obtain a **return authorization number prior** to returning your product for warranty based support.This can be placed under the 1-800-968-9853 contact line.

Model No. _____ Date Purchased _____ Serial No. _____

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