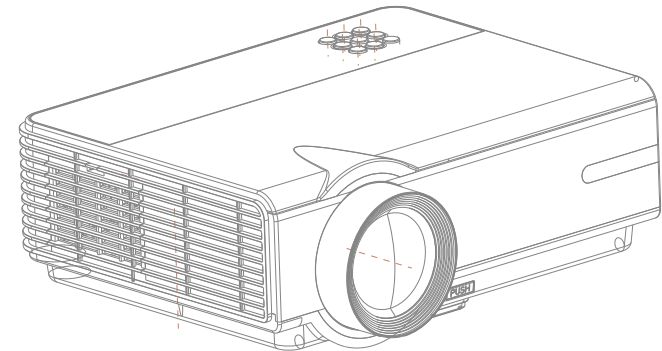




1080p HD Home Theater Projector



PRJLE83



USER MANUAL

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Please check the full contains of accessories in the box after opening.

Accessories list

Projector -----	1 pc
Remote control -----	1 pc
Power cable -----	1 pc
AV signal cable -----	1 pc
VGA signal cable -----	1 pc
Manual -----	1 pc

Warning

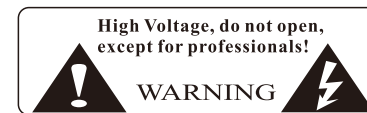
Before using this projector, please read the manual first.

Warning:



Do not look at the light from the lens directly.
It may damage your eyes, especially for children.

Warning : Do not place the projector on a wet surface to avoid electric shock.



It indicates there is an instruction for important operation

It indicates there is a dangerous voltage

Warning

When turn off the projector, the fans will continue working for approximately 90 seconds. Please make sure the fans are completely stopped working before unplug the power cable. Otherwise, it will damage the projector lamp.

About the remote control batteries :

The remote control batteries should be installed correctly, or it will be damaged. Make sure the remote control is out of children's reach.

Safety precautions

Warning:

Before using this projector, please read the manual carefully. Any wrong operation may cause electric shock or fire. Please comply with the following instructions when using and/or repairing the projector.

1. Clean

When clean this projector, please unplug the power cable and use the wet cloth not the cleanser.

2. Accessories

Please use the recommended accessories or the projector may be damaged.

3. Using environment

Do not place the projector on any wet environments.

4. Installation

Please place this projector on a stable surface.

5. Ventilation

For best performance, please clean the filter once a month.

6. Power

Before plug in the power, please make sure the voltage of your area matches this projector (220V or 110V).

7. Ground wire

The three pin plug is the ground wire of this projector.

8. Protect the power cable

Make sure the power cable is in perfect working condition before using it.

9. Thunder

When there is thunder or not using the projector for a long period of time , unplug the power cable.

10. Repair

Due to high voltage, do not open or try to repair the projector by yourself. Refer to a professional technician if repair is needed.

11. Heat

Make sure not to put this projector near any heating devices . That may shorten the life span of the projector.

Specification

PRJLE83

1080p HD Home Theater Projector, Digital Display Screen Projects Up to 160" (Mac & PC Compatible)

Features:

Hi-Res 1080p Full HD Display
User Friendly Control Interface
Easy Multimedia Digital File Management
Versatile Projection for Image, Video, Audio & Text Files
Presentation Ability for Office, Schools, Classrooms
Adjustable Projection Size up to 160" inches
Remote Control Button Activated Digital Zoom Levels
Digital Media File Support
360 Degree Image Flip Ability
Ceiling / Up-Side Down Mountable
Input Interface: (2) x HDMI, (2) x USB, RGB (VGA), A/V
*YPbPr Input Support via Included Connection Cable
USB Port Can Also be Used to Charge Your Device
Picture Adjustment and Customization Options
Top Panel Button Control Center
Built-in Stereo Speaker
Ventilation Cooling Fan
Multi-Language Support
Manual Focus Lens
Works with Mac & PC

What's in the Box:

HD Projector
Power Cable
Remote Control
VGA & AV (YPbPr) Connection Cables

Technical Specs:

Imaging Technology: 5.8" LCD + LED Lamp
Adjustable Screen Size: 50" - 160"
Native Resolution: 1280 x 800
Brightness: 3200 Lumens
Contrast: 1500:1
Scale Ratio: 16:9, 4:3
Refresh Rate: 60Hz
Lamp Life: 50,000+ Hours
Keystone Angle Adjustment: 15°
Color Temp: Full Color, 16.7K
Digital File Support: AVI, MPG, MOV, MP3, WMV, TXT & More
USB Flash Drive Support: Up to 128GB
Power: 110/240V, Switchable
Dimensions: 14.4" x 10.8" x 5.3"
Weight: 11.02 lbs.

Problem	The possible causes
3.No Image	<ul style="list-style-type: none"> ◎ the choice of the input source may not be correct ◎ no input signal ◎ the input cable is not connected ◎ if under PC mode, the PC output frequency is not 50-60Hz. Make sure that the PC output is connected with the projector.
4.Auto-off after use some times	<ul style="list-style-type: none"> ◎ the projector ventilation is blocked ◎ the voltage is not stable ◎ the projector is over heat . Check if the fan is broken.

About the installation

- In order to improve this projector's life span, do not place it on a wet surface.
- Do not put the projector under the direct sun light.
- Projector working temperature:
32°F~158°F
Projector store temperature:
-20°F~158°F
- Do not block the ventilation-window of the projector. If the projector interior temperature is too hot, it will be automatically shut down. This will protect the projector. To prevent over heating the projector, please clean the filter once a month.

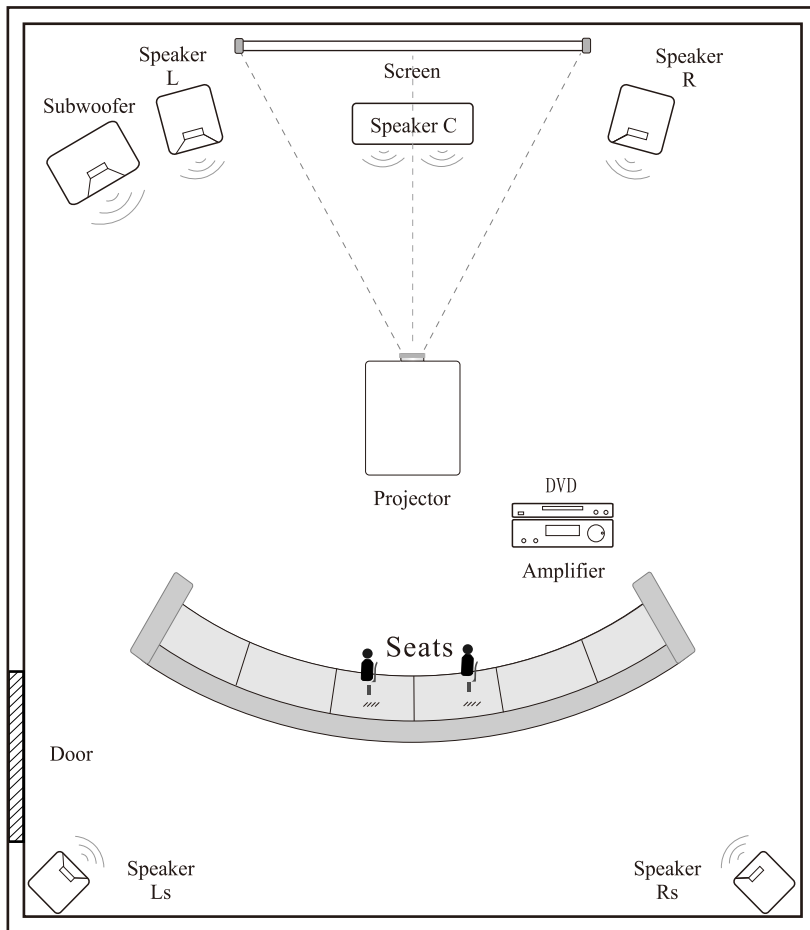
About turn on/off the projector

- To turn on the projector, connect the power cable, then press the "power" key on the panel. It will take couple of minutes before the lamp works normally.
- To turn off the projector, press the "power" key again. The lamp will shut off while the fan will still working for a little longer. The projector will shut off automatically when the fan stops. DO NOT unplug the power cable before turn off the projector.

Warning:

The fan is to keep the projector's temperature low. It will turn on when projector is turned on. The speed of the fan is according to the heat of the projector. Do not unplug the power cable when the projector is not turned off and the fan is still working. If the fan stops working, the projector may be damaged due to over heat.

Installation



For best quality of the image, avoid the direct sunlight.
Draw the curtains up if using during the daytime.

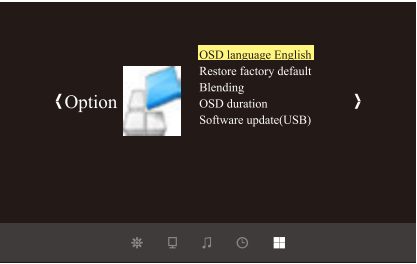
Trouble Shooting

Trouble Shooting

Problem	The possible causes
1. When turn on the power switch, the indicator light does not work	<ul style="list-style-type: none"> ⊙ power cable did not connect well . ⊙ the power switch fuse is broken .
2. The remote control can not turn on the projector	<ul style="list-style-type: none"> ⊙ the power switch is turned off ⊙ the remote control has no batteries or the batteries are low ⊙ the remote control did not aim at the IR point

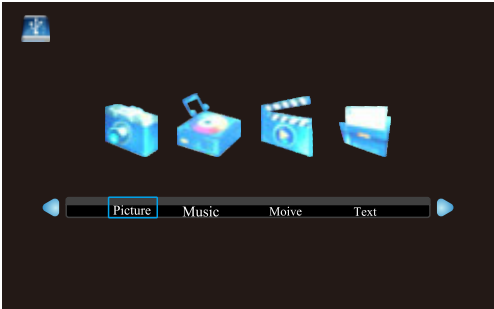
Menu setting

6. Setting



Menu setting	
OSD language	English/Germany/Chinese ...
Restore factory default	Yes or No
Blending	Off/lower/middle/high
OSD duration	OFF/5seconds/10seconds/15seconds
Software update(USB)	Software update

7. Multimedia menu



Multimedia Menu	
Picture	View the photos in gallery
Music	Play an album
Movie	Watch a movie
TXT	Read the book

CAUTIONS:

- 1) The USB interface support USB1.1
USB2.0,including hard drive and fresh drives
- 2) The max storage supported is 400GB
- 3) The system format supported:FAT16、 FAT32、 NTFS
- 4) The USB interface can support most drives but is not universal, any unknown device problem is caused by the device drive
- 5) The total voltage of the connected devices shall not be over 1200mAh,the problems caused by the wrong operation will not be warranted

Multimedia Format

Task	Format	Video Decode	Audio Decode
MOVIE	.avi	DivX,Xvid,MPEG-4	MP3,WMA,AAC
	.mpg	MPEG-1,MPEG-2	
	.dat	MPEG-1	
	.rm/rmvp	RealMedia,video	
	.mov/mkv	H.264	
MUSIC	.mp3	---	Mp3
	.wma	---	WMA
	.m4a/.aac	---	AAC
PICTURE	.jpg/jpeg	Progressive JPEG Baseline JPEG	---
	.bmp	BMP	---
	.png	Non-interlaced Interlaced	---

Projector Installation

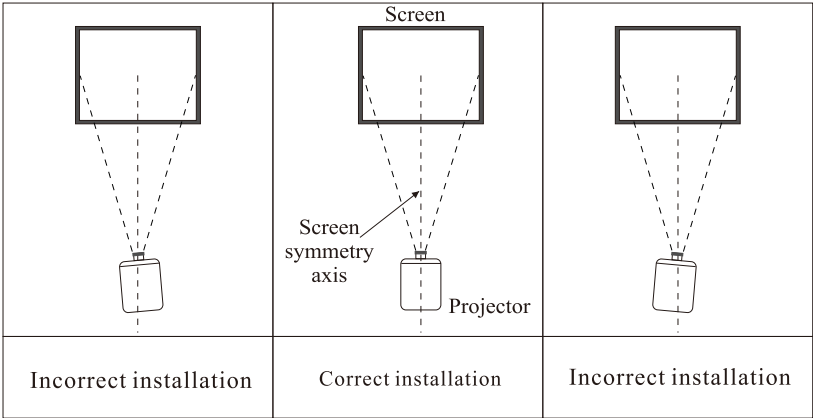
Standard setting (Front projection)

You must move your projector in varying distances from your projection screen wall in order to achieve the optimum viewing-to-clarity in projection display. Move and position your projector to the desired distance, then use the manual focus lens to achieve a sharper picture with slight turning adjustments.

Please allow +- 3% to the image sizes of the above table.
If the distance is less then 2 meters and more then 5 meters, the image could be blurry.

Warning

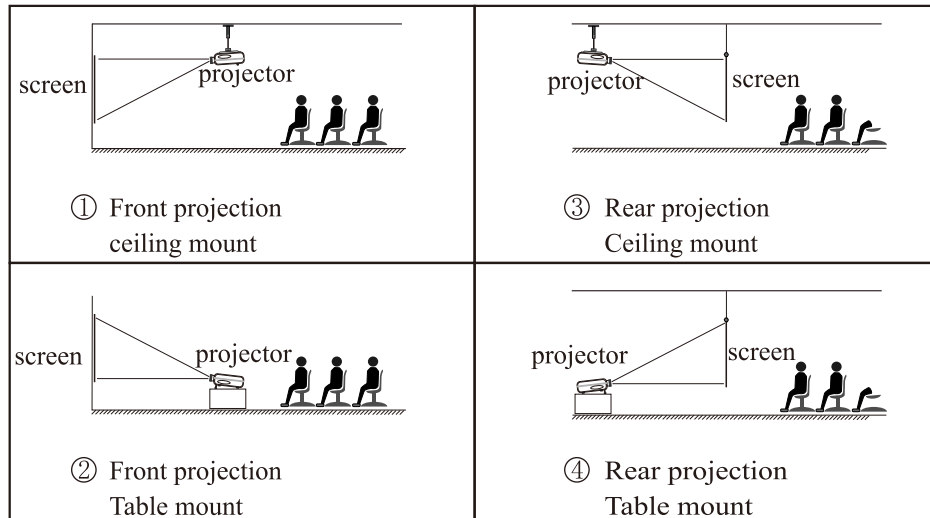
Please check the following picture to show the trapezoid adjustment



Projector installation

Installation method:

Contact a professional installer to mount this projector to a ceiling.
Follow the instructions below for the correct projector positions:

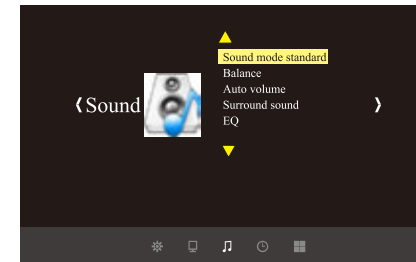


Warning

1. This projector maybe damaged beyond repair if it is incorrectly mounted on a ceiling or on a surface.
2. This projector can be only used in an environment with the temperature that's not exceeding the range of 32-95°F. If the temperature is outside the normal range, it may cause the projector malfunction.
3. It may cause malfunction if the projector is placed in a dusty, wet, moist or smoke environment.
4. Take care of the ventilation. Otherwise, the projector maybe damaged or cause life threatening situation due to over heating

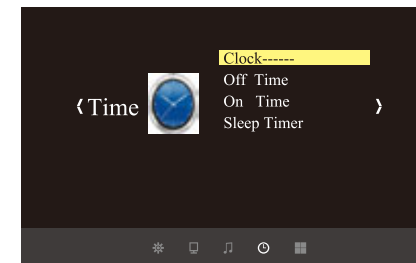
Menu setting

4. Sound mode



Sound mode	
Sound mode	Music/movie/sport/user/standard
Balance	-50~50
Auto volume	On/off
Surround sound	On/off
EQ	(120/500/1.5K/5K/10K)Hz 50

5. Time menu



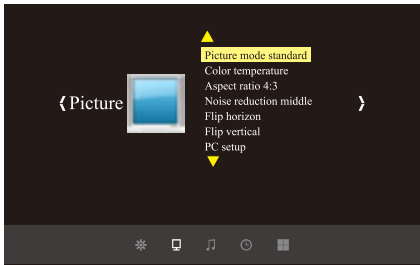
Time menu	
Clock----	Date--/month--/year--/hour--/mins--
Off time	Off/one time/everyday/monday~friday
On time	Off/one time/everyday/monday~friday
Sleep timer	Off/10mins/20mins/30mins/60mins/90mins

2. Parameters of menu setting

- A) press “menu” key , when it shows as picture (3)
- B) press ▲/▼ key, as picture (2).the selection will as yellow highlight..
- C) press “OK” key, use ◀/▶ key,to adjust parameters.
- D)press “menu” key again, exit the window.

Picture mode user		
◀	Contrast	0 ▶
	Brightness	50
	Color	50
	Sharpness	50
	Tune	50
MENU		

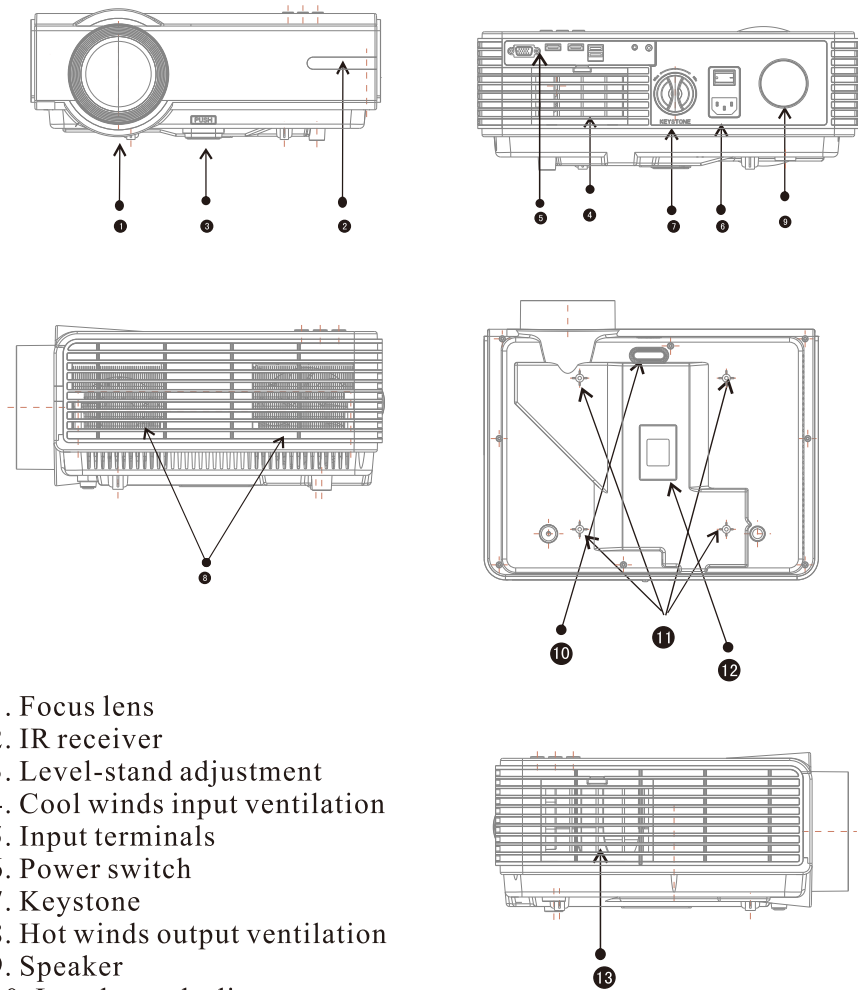
3. Picture menu



Picture menu	
Picture mode	Standard/soft/user/Dynamic
Color temperature	Standard/warm/cool
Aspect ratio	4:3 or 16:9 /zoom1/zoom2
Noise reduction	Off/low/middle/high
Flip horizon	On/off
Flip vertical	On/off

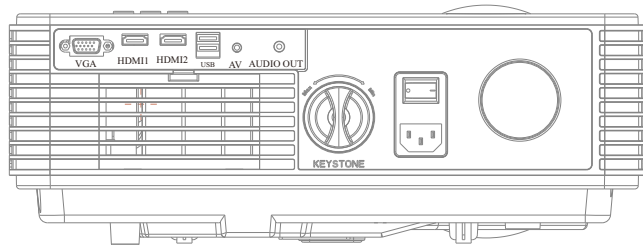
☆Remark

User mode of picture		
Contrast	0-100	Adjust the dark and brightness area difference
Brightness	0-100	Adjust the full picture brightness
Color	0-100	Adjust the picture color
Sharpness	0-100	Adjust the picture sharpness



- 1. Focus lens
- 2. IR receiver
- 3. Level-stand adjustment
- 4. Cool winds input ventilation
- 5. Input terminals
- 6. Power switch
- 7. Keystone
- 8. Hot winds output ventilation
- 9. Speaker
- 10. Level-stand adjustment
- 11. Projector mount hole
- 12. Label
- 13. Cool winds input ventilation

Interface



Name	Instruction
AV	Video signal input
Audio output	CONNECT EARPHONE OR SPEAKER
VGA	CONNECT COMPUTER OR LAPTOP
HDMI 1/2	HDMI Signal input
USB 1/2	Connect USB flash drive

USB support format

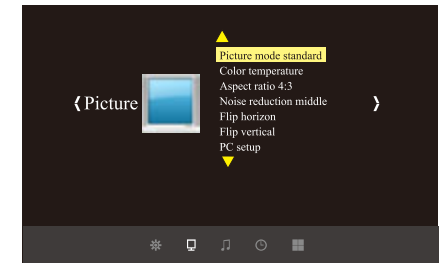
- 1.support video :MPG、MPG-1、MPG-2、MPG-4、AVI、MP4、DIV、TS、TRP、MKV、MOV、WMV、RM、RMVB
- 2.support picture:JPEG BMP
- 3.support audio:MPG、MPG-1、MPG-2、MPG-4、AVI、MP4、DIV、TS、TRP、MKV、MOV、WMV、RM、RMV

Caution

Please connect the input signal cable well , then turn on the projector . Otherwise , it is easy to damage the projector .

1. Menu settings method

1)During operating the projector, press “menu” key, the projector shows the windows as picture(1).



Picture1

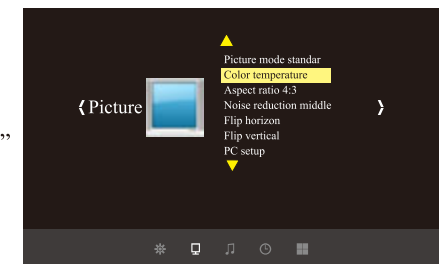
2)Press “◀/▶” key, enter the submenu picture >sound>time>option in turn

3)after confirm the submenu,use “▲/▼” to select your inquired submenu. as picture (2).

4)use “OK” and “◀/▶” to adjust the parameters.

5)after finishing all settings ,press “menu” again, exit the settings.

6)repeat steps2) ~5),set up all parameters.



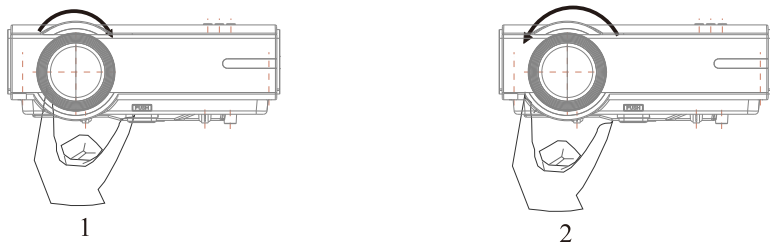
Picture2

Image adjustment

When operating the projector for the first time, the image may appear unclear or trapezoid. It is caused by focus of the lens and/or trapezoid uncorrected. Please follows the following steps for correction:

Focus adjustment

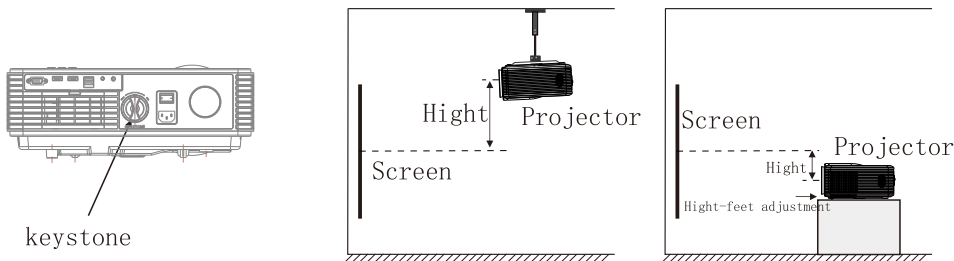
1. Turn the lens clockwise to the projector , then turn it counter clockwise slowly . At the same time , check the resolution point carefully . When image is clear (as the middle area of the image) , it will be the best position of the lens.



NOTE: When you replace the projector from a cold to a warm environment water vapour might occur. Don't turn the projector on when this occurs but wait until the vapour has disappeared.

KEYSTONE

If a projected picture has keystone distortion , correct image with keystone adjustment. The image becomes trapezoid shape when the screen or projector is not leveled . Please reposition the projector to improve its angle to the screen . However , the circumference of the image may not be focused.



If not able to use the keystone correction function to correct the trapezoid distortion, please lower the projector to center the screen vertically.

Remote control instruction

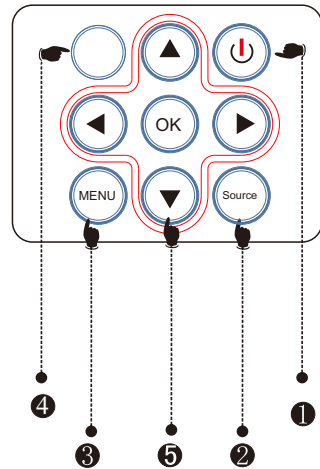
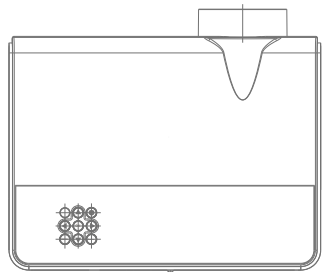
REMOTE CONTROL



	Turn on/off		Up
	MUTE		Down
info	display information		Left
Pic.	picture mode		Right
Audio	audio mode		Prev
zoom	image change larger or smaller		Next track
Rep.	repeat function (when using USB multimedia play)		Fast backward
AB	AB cycle (when using USB multimedia play)		Fast forward
Aud.T	Audio tracks (when using USB multimedia play)		Play/Pause
Subt.	subtitle (when using USB multimedia play)		Pause
Goto	go to a certain time to play (when using USB multimedia play)	OK	Confirm
USB	enter the USB mode directly	Vol+/-	volume to add and subtract
S	source	CH+/-	channel to add and subtract
R	16:9/4:3 Aspect ratio	Flip	image 360 degree flip
M	Menu	FRZ	image freeze
Exit	exit	1,2,3...9	chose TV channel

Panel keystroke instruction

Panel keystroke sketch map



① Power key

It turns on or off the projector. The function is the same as the "power" on the remote control.

③ Menu

It adjusts the menu by Up/Down, Left/Right.

⑤ Direction operation Key

② Sources

It chooses the input signal (such as: AV , YPBPR , HDMI 1/2, USB1/2 or PC)

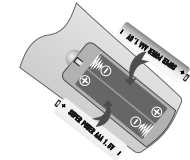
④ Indicator light

red color:standby
green color:working

Turn on/off the projector

Turn on the projector

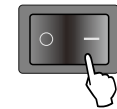
1.Before using the remote control, please fix two batteries in it.



2.Turn on the power switch on the backboard, the power light begin to flash.



3.Press the power key on the remote control or panel, the indicator light will change to blue color.



4. After a few seconds , the lamp begins to work.



5.If using the first time, the image may appear as blurry or trapezoid distortion, please refer to "image adjustment" chapter.



6.You may also re-setup the system parameter at anytime. Please refer to "menu setting"chapter.



Turn off the projector

1. While using the projector, by pressing "power" key, the projector will turn to standby mode.



2.When the projector is under the standby mode, its auto protecting system will be on. To start up, press the "power" key again.