HD LED PROJECTOR

MODEL NO.: PRJLE84H

User’s Manual
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Warning card

Maintenance record

<table>
<thead>
<tr>
<th>Return Date:</th>
<th>Test Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause of Malfunction:</td>
<td></td>
</tr>
<tr>
<td>Repair Record:</td>
<td></td>
</tr>
<tr>
<td>Service Station:</td>
<td>Signature:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Return Date:</th>
<th>Test Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause of Malfunction:</td>
<td></td>
</tr>
<tr>
<td>Repair Record:</td>
<td></td>
</tr>
<tr>
<td>Service Station:</td>
<td>Signature:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Return Date:</th>
<th>Test Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause of Malfunction:</td>
<td></td>
</tr>
<tr>
<td>Repair Record:</td>
<td></td>
</tr>
<tr>
<td>Service Station:</td>
<td>Signature:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Return Date:</th>
<th>Test Date:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cause of Malfunction:</td>
<td></td>
</tr>
<tr>
<td>Repair Record:</td>
<td></td>
</tr>
<tr>
<td>Service Station:</td>
<td>Signature:</td>
</tr>
</tbody>
</table>

Warning:

Warning: Please remember the model and series number of the projector in case of lost. Please carefully check all accessories with the pack list before throwing the package away.

When you use this projector, please carefully read user manual.

Warning: High brightness lamp!
Avoid staring or look directly at the light, specially for children.

Warning: Avoid to place the projector in wet condition in case of the electric shock danger.

Warning: As an A-class product, the projector may cause radio interference. Users shall take effective measures to deal with it.

About the remote control battery

- The remote control battery should be fixed correctly
  Otherwise it will be damaged for overheat
- Make sure the remote control out of children reach

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:

Warning:
Safety precautions

Warning;
when use this projector, please read this manual carefully.
If wrong operation, it will cause electric shock or fire, so when use and repair this projector, please comply with the following points.

1. Read manual
Before use this projector, please read full manual carefully and operate according to this manual instruction.

2. Clear
when clear this projector, please pull out the power cable. Use the wet cloth to clear, not the cleanser.

3. Accessory
please use our recommended accessory. Or it will damage the projector.

4. Use environment
Do not place the projector in wet environment.

5. Installation and fix
please place this projector in stable table.

6. Ventilation
the ventilation in the projector are best for projector work stably. Do not let the dust wall up the filter. Or it will cause the projector high-temperature protected. So please use the water to clear the filter per month.

7. Power
please make sure the power same as your projector inquiry specification. (220V or 110V)

8. Earthing wire
this projector has earthing wire. It is three pin plug.

9. Protect the power cable
Please confirm the power cable are perfect when connect the projector.

10. Thunder
when the thunder happen or long time no use, please pull the power cable out of projector.

11. Repairment
As the high voltage inside, please donot open or try to repair the projector by yourself. Please ask a professional technician to repair the projector.

12. Far away Heat device
please make sure this projector far away other heat device. It will damage the projector service life.
Warranty clause

1. Warranty range
All projector is purchased by our distributor or agent, we offer the warranty service during valid warranty time.

2. Warranty time
From the date of production in the projector label, we offer 12 months warranty period for projector. But the halogen lamp only have 6 months warranty; the LED lamp have 24 months warranty.

3. Warranty condition (except for following status)
1) Warranty card or purchased invoice are lost.
2) Alter or dilacerate the date of production in the projector label.
3) User do not operate the projector according to use manual and damage the projector.
4) Projector is out of warranty time.
5) Flood fire as natural disasters and all the factors of force majeure damage.

4. Warranty service
If your projector is broken during the warranty period, please contact the distributor where you bought. They will offer you the repairement service.

Caution

About the installation
- In order to improve the projector service life, it should not place in a wet and ventilation condition.
- Don’t put the projector under the sunshine directly.
- Projector working temperature: 0°C ~+70°C.
  Projector store temperature: -20°C ~+70°C.
- Don’t block the ventilation-window of projector.
If the projector interior temperature are too hot, the machine will be shut off automatically. This is hot-protected system.
So please clean the filter of projector per month. It is very important.
Don’t let the dust cover the filter.

About Open and close the projector
- When open the projector, connect the power cable and press the “power” key on the panel. The projector will work, but the lamp will be bright more and more. After 5 minutes, the lamp work normally.
- When close the projector, press the power key again. And then the lamp shut off. But the fans still work until 5 minutes later. When close the projector, don’t pull out the power cable directly. After 5 minutes, the projector will shut off automatically.

Warning:

Fans will adjust the temperature. It is controlled by system. When the projector work, the fans turn slowly or quickly, so the fans noise are different. But it is normal.
When the projector work, don’t pull out the power cable. If the fans stop to work, it will cause the projector interior temperature very high, so it may damage the projector.
Projector Description
The projector is able to connect signals: HDMI,Y/Pb/Pr,VGA and TV(optional), as well as stereo audio input. Please connect in reference to the following diagrams.

Front

1. Focus lens
2. IR receiver
3. Height-feet adjustment
4. Cool winds input Ventilation

Back

3. Hot winds output ventilation
4. Power switch
5. Input terminals

Please confirm the following after you open the package

Packing list:

Projector---------------------1
Lens lid----------------------1
Remote control-------------1
Power cable-------------1
AV cable----------------------1
User manual----------------------1
Extra fuse----------------------1
Len cleaner----------------------1
PWM4x8 screws----------------------1

Optional accessories:

1. Projector screen (Matt White, Electric)
2. Ceiling Mounts
# Specification

<table>
<thead>
<tr>
<th>LCD</th>
<th>Type</th>
<th>5.8” TFT Matrix RGB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input signal</td>
<td>video</td>
<td>Component video (Ypbpr), VGA, HDMI, USB, S-video.</td>
</tr>
<tr>
<td>Audio</td>
<td>Stereo</td>
<td></td>
</tr>
<tr>
<td>Output signal</td>
<td>Audio</td>
<td>2W*2 Speaker (optional)</td>
</tr>
<tr>
<td>LCD</td>
<td>Native resolution</td>
<td>1280X768 support 1080P</td>
</tr>
<tr>
<td></td>
<td>Contrast ratio</td>
<td>2000 : 1</td>
</tr>
<tr>
<td>Lens</td>
<td>Aperture</td>
<td>3.8</td>
</tr>
<tr>
<td></td>
<td>Focus</td>
<td>198mm</td>
</tr>
<tr>
<td>Lamp</td>
<td>LED</td>
<td>200W</td>
</tr>
<tr>
<td></td>
<td>Color-temperature</td>
<td>9300K</td>
</tr>
<tr>
<td></td>
<td>Life</td>
<td>&gt; 20000 hours</td>
</tr>
<tr>
<td></td>
<td>Continuous working time</td>
<td>&lt; 24 hours</td>
</tr>
<tr>
<td>Image</td>
<td>Size</td>
<td>60 ~ 120 inch</td>
</tr>
<tr>
<td></td>
<td>Brightness</td>
<td>2800 Lumens</td>
</tr>
<tr>
<td></td>
<td>Keystone</td>
<td>±15 degree</td>
</tr>
<tr>
<td>Power</td>
<td>Voltage</td>
<td>100<del>220V</del></td>
</tr>
<tr>
<td></td>
<td>Power consumption</td>
<td>50~60Hz</td>
</tr>
<tr>
<td></td>
<td></td>
<td>240W</td>
</tr>
<tr>
<td>Working condition</td>
<td>Temperature</td>
<td>+5℃ ~ +35℃</td>
</tr>
<tr>
<td></td>
<td>Humidity</td>
<td>10% ~ 65%</td>
</tr>
<tr>
<td>Store condition</td>
<td>Temperature</td>
<td>-10℃ ~ +60℃</td>
</tr>
<tr>
<td></td>
<td>Humidity</td>
<td>10% ~ 90%</td>
</tr>
<tr>
<td>Remote control</td>
<td>Frequency</td>
<td>38KHz</td>
</tr>
<tr>
<td>Machine</td>
<td>Size</td>
<td>350<em>275</em>140mm</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
<td>3Kg</td>
</tr>
</tbody>
</table>

(Any changes on the parameter will not be noted)

---

# Instructions

**Right**

1. Right channel speaker

**Left**

2. Cool wind input ventilation

3. Left channel speaker
Introductions

TOP

1. Control panel
   Details at page 14

Bottom

2. Keystone adjustment
   Details at page 14
3. Hight-feet adjustment
   Details at page 14
4. Projector mount hole (4 holes)
   Fix with M4x8mm.
5. Label
6. Cold wind input ventilation system

FAQ:

① Q: Blue screen, no picture, no sound
   A: Input cables connected right?
② Q: Picture right, no sound
   A: Input cables connected right?
   Volume at min. Or on Mute
③ Q: Audio right, no picture
   A: Input signal connected right?
   In VGA mode, The PC refresh rate > 75Hz
   In VGA mode, The PC contrast ratio is > 1024*768
④ Q: Can't find devices when plugged with hard drive or fresh drive
   A: Re-plug the device
   Check if the device is broken
⑤ Q: Can't play the movies
   A: The format of the video is right?
   Files is broken?
   Device is broken?
⑥ Q: There is picture, no sound?
   A: The decode system doesn't match

VGA with notebook

When connect the projector with the note book, you may need to press the Fn+F*(with △ □ on the button

<table>
<thead>
<tr>
<th>VGA output function key</th>
<th>NEC</th>
<th>SOTEG</th>
<th>Panasonic</th>
<th>Toshiba</th>
<th>HP</th>
<th>SONY</th>
<th>LENOVO</th>
<th>IBM</th>
<th>Fujitsu</th>
<th>DELL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fn</td>
<td>+ F3</td>
<td></td>
<td>F3</td>
<td>F6</td>
<td>F4</td>
<td>F7</td>
<td>F6</td>
<td>F10</td>
<td>F8</td>
</tr>
</tbody>
</table>
### Trouble Shooting

The projector is so easy to use as the TV. While some problems may occur because of the environment and voltage. Please try to recognize the fake malfunction before refer to the technicians.

<table>
<thead>
<tr>
<th>Problem</th>
<th>The possibility reason</th>
</tr>
</thead>
</table>
| 1. When turn on the power switch, the indicator light do not work | ◎ The power can does not connect well  
◎ The power switch fuse is burned  
◎ Check the over-heat protection system |
| 2. The remote control can not turn on projector | ◎ The power switch turn on or off?  
◎ The remote control out of battery?  
◎ Something stands between the remote and IR  
◎ Strong light on IR directly |
| 3. No image on the screen | ◎ Is the channel set-up correct?  
◎ Is there an input signal?  
◎ Is the input cable plugged well?  
◎ Under PC model, is the refresh rate >75KHz?  
◎ When the projector connect with the notebook, set the screen as VGA mode |
| 4. Auto-off after working for a while | ◎ The projector ventilation is block  
◎ The voltage is not stable  
◎ The over-heat protection system |

### Installation

Please install in reference to the instruction below:

![Diagram of speaker placement](image)

- Subwoofer
- Speaker L
- Screen
- Speaker C
- Speaker R
- DVD
- Amplifier
- Projector
- Appreciate seats

In order to get a good image quality, do not expose the projector to the sunshine or other strong light, close the curtain if you use the projector in daytime.
Standard setting (Front projection)

Please refer to the below sheet, install the projector in distance according to the screen size. Please make sure the projector is placed on stable mount. Take care of the ventilation condition (nothing near 30cm blocking).

<table>
<thead>
<tr>
<th>Distance</th>
<th>16:9</th>
<th>4:3</th>
</tr>
</thead>
<tbody>
<tr>
<td>63”</td>
<td>2.2m</td>
<td>2.5m</td>
</tr>
<tr>
<td>72”</td>
<td>2.4m</td>
<td>2.75m</td>
</tr>
<tr>
<td>86”</td>
<td>2.9m</td>
<td>3.28m</td>
</tr>
<tr>
<td>100”</td>
<td>3.3m</td>
<td>3.75m</td>
</tr>
<tr>
<td>120”</td>
<td>3.9m</td>
<td>4.5m</td>
</tr>
</tbody>
</table>

The data may have 3% error, due to the image size according to the projector and screen. If the distance is less than 2M or more than 5M, the image may appears unclear.

Warning:
Please check the following pictures for the trapezoid adjustment:

Incorrect installation | Installed correctly the image is rectangular | Incorrect installation

6. Menu setting method

- **Language**: Arabic/CN
- **Restore default**: YES/NO
- **Blending**: OFF/LOW/MID/HIGH
- **OsD Duration**: OFF/SS/10S/15S
- **Upgrade (USB)**: Software update

7. Multimedia menu

- **Picture**: View the photos in gallery
- **Music**: Play an album
- **Movie**: Watch a movie
- **TXT**: Read the book

Multimedia Format

- **Task**: Movie
- **Format**: .avi, .mpg, .dat
- **Video Decode**: DivX, Xvid, MPEG-4
- **Audio Decode**: MP3, WMA, AAC

- **Task**: Music
- **Format**: .mp3, .wav, .aac
- **Video Decode**: H.264
- **Audio Decode**: MP3, WMA

- **Task**: Picture
- **Format**: .jpg/jpeg, .bmp
- **Video Decode**: Progressive JPEG
- **Audio Decode**: Non-interlaced

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.
### Projector Installation

**Installation method**

Contact a professional service man to mount this projector to a ceiling.

Follow the instruction below for the correct projector positions:

1. **Front projection**
   - Ceiling mount

2. **Front projection**
   - Table mount

3. **Rear projection**
   - Ceiling mount

4. **Rear projection**
   - Table mount

**Warning:**

1. This projector might damage beyond repair when it is incorrectly mounted on a ceiling or when it is in correctly installed on a surface or installed on an incorrect surface. It may also inflict damage to people nearby.

2. This projector can only be used in an environment with a temperature not exceeding the range of 0-35 degree. The projector may malfunction if temperatures vary outside the normal operating range.

3. The sharpness of the screen might be interrupted when the projector is being used in a dusty, wet, moist or smoke filled environment. The projector might malfunction in a moist or wet environment.

4. Take care of the sufficient ventilation around the projector. Otherwise this projector might overheat and cause life threatening situations.

5. The first operation of the projector may cause a unclear image. Please refer to the image adjustment for help.

---

### Menu Setting

#### 3. Picture Menu

<table>
<thead>
<tr>
<th>Picture Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Picture Mode</strong></td>
</tr>
<tr>
<td><strong>Color temperature</strong></td>
</tr>
<tr>
<td><strong>Aspect</strong></td>
</tr>
<tr>
<td><strong>Noise reduction</strong></td>
</tr>
<tr>
<td><strong>Flip horizon</strong></td>
</tr>
<tr>
<td><strong>Flip vertical</strong></td>
</tr>
</tbody>
</table>

- **Appendix I**
  - The setting of Hight-width is different under different modes, zoom is not valid in picture mode.

#### 4. Sound Menu

<table>
<thead>
<tr>
<th>Sound Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Sound mode</strong></td>
</tr>
<tr>
<td><strong>Balance</strong></td>
</tr>
<tr>
<td><strong>Auto-volume</strong></td>
</tr>
<tr>
<td><strong>Surround Sound</strong></td>
</tr>
<tr>
<td><strong>Balance</strong></td>
</tr>
</tbody>
</table>

- **Appendix II**
  - The setting of Hight-width is different under different modes, zoom is not valid in picture mode.

#### 5. Time Menu

<table>
<thead>
<tr>
<th>Time Menu</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Clock</strong></td>
</tr>
<tr>
<td><strong>Date</strong></td>
</tr>
<tr>
<td><strong>OFF Time</strong></td>
</tr>
<tr>
<td><strong>On Time</strong></td>
</tr>
<tr>
<td><strong>Sleep Timer</strong></td>
</tr>
</tbody>
</table>
Signal terminals description

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Y/Pb/Pr</td>
<td>Component video input</td>
</tr>
<tr>
<td>Video</td>
<td>AV input</td>
</tr>
<tr>
<td>Lout, Rout</td>
<td>Audio output</td>
</tr>
<tr>
<td>Lin, Rin</td>
<td>Audio input</td>
</tr>
<tr>
<td>PC-RGB IN</td>
<td>VGA input</td>
</tr>
<tr>
<td>Svideo</td>
<td>Svideo input</td>
</tr>
<tr>
<td>TV</td>
<td>N/A</td>
</tr>
<tr>
<td>HDMI</td>
<td>HDMI Signal input</td>
</tr>
<tr>
<td>USB</td>
<td>USB signal input (details at page 17)</td>
</tr>
</tbody>
</table>

CAUTION
☆ Turn off the power of projector and the device before connecting, Either on may cause a break down of machine
☆ Check the shape of the plug, DO NOT try the wrong plug

1. Menu setting method

1. Using the projector, press “menu”. The picture display on screen to adjust menu (picture I)
2. Press “◄/►” key, the menu in turn circle into “picture” > “sound” > “time” > “system”
3. Select adjust interface, use “▲/▼” key to choose the wanted item (picture II)
4. Press “OK” or “◄/►” to adjust the item parameter.
5. Finished the elected item parameter, press the “menu”key again, exit the page
6. Repeat operating step 2~5, till you finished all the parameters, press “exit” exit the menu page, otherwise, the menu page will auto exit after a period time

2. Parameter adjustment
A. Press "menu" key, until display the above picture of the menu;
b. Press “▲/▼” key, elect the option that need to adjust
c. Press “OK” key, use “◄/►” button to adjust the certain parameters
d. Press the “menu”key again exit the menu page parameter adjust station.
Focus adjustment

1. Rotate the lens into projector, the rotate it out slowly. At the same time, looking at the resolution point carefully. When the image is clear, it is the best situation of the lens.

Keystone

1. 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.

Remote control

Remote control instruction

Cautions:

☆DO NOT mix-use the new and old battery
☆Make sure nothing stands in the middle of remote and IR
☆Avoid the light shine on the IR directly
☆Point the remote right to IR within 6m, and 30 degrees
☆Pull out the battery if you are not going to use it for a long time
☆Please change new battery when the remote malfunctions.
☆Do not place the remote in wet or heat condition

Remote control instruction:

1. Keyston adjustment
2. Keystone correction
3. Screen Hight adjustment
4. Screen Hight adjustment
5. Screen Hight adjustment
Panel instruction

1. Indicator light
   Red: Standby mode
   Green: Working mode

2. Power KEY
   This button can lead the projector to working/standby mode

3. Direction key
   Adjust with parameters, the same function with the remote control

4. KEY
   Confirm

5. Menu
   open or close the Menu

6. S~KEY
   Source key (VGA,HDMI,etc.)

Turn on/shut down

If the projector is a new one, please read the “projector install chapter, place the projector and connect the cables, follow the below steps to turn on/off

Turn on

1. Put in two 7-size battery in the remote control before using
2. Pull the power switch on the backboard as the power light turn red
3. Press the power key on the remote or panel, the indicator light turn green
4. The lamp start working 2 seconds later, image projected on the screen the machine is working smoothly
5. The new projector may have problems like image unclear or trapezoid distortion, Please read “image adjustment” chapter
6. After the image is clear, you may enjoy the program, in the meantime, you can still setup the system or adjust the parameters

Turn off

1. Press the power button during using will lead the projector to standby mode
2. When the projector switch into standby mode, the light will turn green from red