OUTLINE

The projector comprises high performance light engine, based on 3 RGB LED as light source. The user-friendly design largely enhances reliability and handiness of the projector. It brings you more vivid and fluent image quality.

Use: Business & Education, Home
Projector fixing: Table, ceiling, wall
Projection Image Size: 20"~100"
Focus: Manual focus (Projection distance: 1.5M~5M)
Resolution: 800x640
Brightness(peak): above 80 Ansi lumens
Contrast Ratio: 100:1
Aspect Ratio: 4:3/16:9
Technology: LCD 3.2"
Light Source: LED
Light source life: 20,000hrs (minimum life)
Build-in speaker: Stereo 2W x 2
Power consumption: 55W
Input: AV in, SD/MMC card, USB Host, Disc, Cable TV
Output: Video (DVD Mode Only)/Audio L/R 2CH/Audio (Internet Stereo Speaker)/Earphones
Language: English/Spanish/French/German/Russian/Portuguese/Chinese/Italy (According to customer's requirements)
Image format: JPEG, BMP, JPG, TIF Video format: AVI, ASF, MP4, MPEG2, MPEG3, MPEG4, RM/RMVB, FLV Audio format: Mp3, audio CD, WMA, WAV, ACC/ACC+, MPEG1/2/2.5
DC. Power without battery: 14.5V 6A
DC. Power with Battery: 17V 5A
IMPORTANT SAFETY INSTRUCTIONS

This projector has been tested and found to comply with the latest safety criteria. However, to ensure secure operation, please carefully manipulate by this manual or instructions on product labels before usage.

1. Please read the manual carefully before using the projector. Store the manual for future reference.
2. Avoid staring directly into the projector beam. The beam may harm your eyes.
3. Do not block any ventilation openings. To ensure reliable operation of the projector and to protect from overheating, it is recommended to install the projector in a location that does not block ventilation.
4. Do not use the projector near water or moisture areas. To reduce the risk of fire and/or electric shock, do not expose the projector to rain or moisture environments.
5. Do not install the projector near heat sources such as radiators, heat vents or any other apparatus such as amplifiers that emit heat.
6. Do not use the projector in direct sunlight.
7. Do not use the projector near any appliance generating a strong magnetic field.
8. Do not use the projector in areas susceptible to excessive dust and dirt.
9. Ensure that the ambient room temperature is within 5 - 35°C.
10. Ensure that the ambient relative humidity is 20 - 80% (Max.)
11. Only use AC adapter specified by the manufacturer. Others may damage the projector.
12. Do not disassemble, modify, drop or throw your product.
13. Do not let objects or liquid enter the projector. They may damage dangerous voltage points and short out parts that could result in fire or electric shock. Turn off the projector if any objects enter inside the projector.
14. Do not attempt to service the unit yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact your local dealer.

1. Open
2. Power
3. Mode
4. USB/SD
5. Menu
6. Functions
CONTROL PANEL ILLUSTRATION - Projector System

7. Lens-focus
8. Antenna Socket
9. Video output socket
10. Left channel output
11. Right channel output
12. ON/OFF
13. Video input socket
14. Left channel input
15. Right channel input
16. Earphone Socket
17. DC Power
18. GAME1 Socket
19. GAME2 Socket
20. SD/MMC/MS Socket
21. USB Socket
22. Infrared Receiver

REMOTE ILLUSTRATION

Replace the Battery
Please replace the battery according to picture on the left.
PROJECTED DISTANCE AND SCREEN SIZE (Reference Only)

<table>
<thead>
<tr>
<th>Projected Distance</th>
<th>Screen Size (Diagonal length)</th>
<th>Unit meter</th>
<th>4.3 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.354</td>
<td>1.16</td>
<td>80</td>
</tr>
<tr>
<td>2</td>
<td>0.698</td>
<td>2.26</td>
<td>90</td>
</tr>
<tr>
<td>3</td>
<td>1.042</td>
<td>3.12</td>
<td>100</td>
</tr>
<tr>
<td>4</td>
<td>1.386</td>
<td>4.02</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>1.730</td>
<td>4.93</td>
<td></td>
</tr>
</tbody>
</table>

The distance of the projector lens to the screen and video format may affect the screen size. Please refer to the below graph as a reference.
In the MENU setting, select up/down/left/right/center on the remote to BRIGHTNESS, CONTRAST, SATURATION, PINCH/SHUT, RESET settings.

1. Brightness: Press \( \uparrow \) \( \downarrow \) for adjusting
2. Contrast: Press \( \lt \) \( \gt \) for adjusting
3. Saturation: Press \( \lt \) \( \gt \) for adjusting
4. Pinch/Zoom: Image distortion adjusting
5. Reset: Restore to Original setting

Connect to AV devices
Connect one end of the attached 3.5mm cable to AV input on the projector; connect the other end to AV devices with same color of the cable. Connect the power cord and turn on the projector. Toggle the Mode to AV on the projector or the remote.

Remarks: The AV cable might vary in different areas, please use supplied AV cable.

TROUBLESHOOTING
If you experience a problem with your projector, please refer to the following information. If a problem persists, please contact your local retailer or service center.

(see the supplied warranty card)
The projector does not turn on

<table>
<thead>
<tr>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power from the power cable</td>
<td>Plug the AC adapter into the DC IN socket on the projector, plug the power cord into the AC inlet on the AC adapter, plug the power cord into the power outlet. If the power outlet has a switch, make sure that it is switched on.</td>
</tr>
<tr>
<td>Overheat protection</td>
<td>Wait until the cooling down process has completed</td>
</tr>
</tbody>
</table>

No image appears on-screen

<table>
<thead>
<tr>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>The video source is not turned on or connected correctly</td>
<td>Turn the video source on and check that the signal cable is connected correctly.</td>
</tr>
<tr>
<td>The projector is not correctly connected</td>
<td>Please check the connection.</td>
</tr>
<tr>
<td><strong>Cause</strong></td>
<td><strong>Solution</strong></td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>The lens is not focused</td>
<td>Adjust the focus</td>
</tr>
<tr>
<td>The projector and the screen are not</td>
<td>Adjust the projection angle and direction as well as</td>
</tr>
<tr>
<td>aligned properly</td>
<td>the height of the unit if necessary</td>
</tr>
<tr>
<td>connected to the input signal device</td>
<td>Select the correct input signal with the Mode key on</td>
</tr>
<tr>
<td>The input signal has not been</td>
<td>the projector or remote Control</td>
</tr>
<tr>
<td>correctly selected</td>
<td></td>
</tr>
</tbody>
</table>