MINI PROJECTOR

User's Manual

English

Deutsch

◆ The contents of this manual are subject to change without prior notice.
Warning
Please read this manual carefully before using projector.
If necessary, please note the Model no. and Series No. of this projector.

- Don't look straight into the light from the projector lens.
- Direct burst of intensive light can harm your eyes. Can cause severe damage to eyes of infants.
- Don't put projector in a damp, humid environment to avoid electrocution.
- The power on the unit is rated at 90 ~ 240V AC. Be aware of outlets being used.
- Don't open up or attempt repair projector without necessary support / guide due to higher voltage inside unit. Repair should be performed by a professional technician according to the manual instructions or distributor's suggestion.
- Please ensure the projector is a safe distance from other heat emitting devices, potentially the service life of projector can be shortened.
- We strongly suggest you power off projector when use it for 6 hours constantly one time.

Visual Instructions
- Top View
- Bottom View

1. Indica tor Light
2. Power Button
3. Ventilation Window
4. Support Base
5. Product Code Area
6. Dust Cleaner Cover
7. Adjustable support base

- Side View -Left
- Side View -Right

1. Ventilation window
2. Speaker
3. Ventilation window
Front View Of Projector

1. Lens

Rear View Of Projector

1. ATV(or DTV) Port
2. USB Port
3. HDMI Port
4. Headphone Output
5. AV Port
6. IR for Remote Control
7. VGA Port
8. Ventilation window
9. Keystone correction
10. Power Switch
11. Ventilation window

Remarks:
1. While using the remote control, point it toward remote sensor.
2. The adjustable support base can assure the max projection angle by 15°. The best display effect will be obtained by projection angle ranges of 0° – 8°.

Instructions For Buttons On Remote Control

1. Power
2. Mute
3. Numbers
4. Electronic Menu (Only apply for European DVB-T)
5. Confirm / Enter
6. Volume +/-/Right
7. Channel +/-/Down
8. Exit
9. Audio Language (Only for European DVB-T)
10. Record DVB-T Channel and Playback (Only for European DVB-T)
11. Next
12. Backward
13. Play
14. Stop
15. Menu
16. Volume +/-/Left
17. Channel +/-/Up
18. Source
Operation

- To Start Up And Shut Down The Projector
  - Before starting up the projector, please connect the power cable first, then press the “Power” button on cover, the indicator light turns red to green.
  - While shutting down the projector, press the “Power” button again, The LED bulb will go out accordingly.

① Please follow figure below to adjust trapezoid correction.

<table>
<thead>
<tr>
<th>Incorrect Installation</th>
<th>Correct Installation</th>
<th>Incorrect Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>The images left-right small</td>
<td>The image is rectangular</td>
<td>The images right-left small</td>
</tr>
</tbody>
</table>

② During first time use of the projector, the projected image may be blurry or difficult to see, this is due to lack of focus adjustment with the lens and Keystone correction, please follow the processes below to adjust the focus:

- System Function Operation
  - Select The Source of Signal
  - While selecting signal channels, if there’s no signal input, There will be a “NO SIGNAL” on the screen.

Menu Settings Instructions

③ If the projected image is in a trapezoidal shape, It can be resolved by Keystone correction.

if the keystone correction fails to resolve image shape, Please reduce the vertical height of projector in relation to the center of the screen.

<table>
<thead>
<tr>
<th>Input Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATV</td>
</tr>
<tr>
<td>AV</td>
</tr>
<tr>
<td>PC-RGB</td>
</tr>
<tr>
<td>HDMI</td>
</tr>
<tr>
<td>USB</td>
</tr>
<tr>
<td>① OK</td>
</tr>
</tbody>
</table>

(Note : If DVB-T Projector shows “DTV” in input source)
**Picture Menu**

- **Picture Mode Standard**
  Different display modes for the image can be set to: Standard, Lively, Movie, based on personal preference.

- **Color temperature**
  You can select different color temperatures, Cold and Warm. This enhances the image.

- **Aspect ratio**
  Includes the options of: screen zoom, and display a 16:9 aspect ratio.

- **PC Setup**
  In VGA mode, the picture mode is relative; the brightness can also be adjusted in this mode.

- **Noise Reduction Middle**
  Image background noise reduction. Enhances the image.

- **Menu Options**
  Use to adjust the display, language menu, transparency, display time in menu, memory playback; and reset the projector to original settings.

**Audio Menu**

While it’s in projection, press “V+/-” buttons to increase or decrease volume.

**Sound Mode Standard**

**Balance**: Auto volume –
Turnoff Adjust volume depends on background noise

**EQ**: Select the accompanying sound effect

**USB Interface And Supporting**
Multimedia Support Files

<table>
<thead>
<tr>
<th>File Type</th>
<th>Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Format</td>
<td>JPEG,BMP, PNG</td>
</tr>
<tr>
<td>Video Format</td>
<td>MPEG1, MPEG2, MPEG4, H264, RM, RMVB, MOV, MJ, PEG, VC1, DivX, FLV</td>
</tr>
<tr>
<td>Audio Format</td>
<td>WMA, MP3, M4A</td>
</tr>
</tbody>
</table>

△ Does not support the format: MSVC / CRAM, MP42, GMC, IV32, RLE, cvd, RV20; Does not support the format: Sony ATRAC3, Dolby HD.

Projection Distance

Please follow the data in chart below, to adjust the image size and the distance (between lens and screen)

<table>
<thead>
<tr>
<th>Aspect Ratio</th>
<th>40&quot;</th>
<th>50&quot;</th>
<th>72&quot;</th>
<th>100&quot;</th>
<th>120&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:3</td>
<td>170cm</td>
<td>240cm</td>
<td>330cm</td>
<td>400cm</td>
<td></td>
</tr>
<tr>
<td>16:9</td>
<td>150cm</td>
<td>210cm</td>
<td>285cm</td>
<td>340cm</td>
<td></td>
</tr>
</tbody>
</table>

△ The image size depends on the distance between projector and screen, there may be 3% deviation among above listed data. Different settings cause various distances.

Technology Specification

<table>
<thead>
<tr>
<th>Technology</th>
<th>LCD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>Native: 800x480 support 720p 1080P</td>
</tr>
<tr>
<td>Brightness</td>
<td>1200 Chinese lumen</td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1200:1</td>
</tr>
<tr>
<td>Multimedia Interface</td>
<td>HDMI(Support 1.1-1.4), USB 2.0 Port, VGA (PC), Composite AV, Headphone output, Analog TV /Digital TV(Optional)</td>
</tr>
<tr>
<td>Lens</td>
<td>F=125mm (Manual focusing)</td>
</tr>
<tr>
<td>Speaker</td>
<td>2W</td>
</tr>
<tr>
<td>Lamp</td>
<td>45W LED lamp/bulb; 50000hours</td>
</tr>
<tr>
<td>Displayable Colors</td>
<td>Full Color</td>
</tr>
<tr>
<td>Projection Method</td>
<td>Front, Rear, Table Top</td>
</tr>
<tr>
<td>Image Zoom</td>
<td>Electronic horizontal and vertical flip; Image zoom</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>50&quot;@1.50m/72&quot;@2.10m/100&quot;@2.86m/120&quot;@3.4m</td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:9 Native, 4:3 Compatible; Switch freely</td>
</tr>
<tr>
<td>OSD Language</td>
<td>English, German, etc Total 23 languages</td>
</tr>
<tr>
<td>Power Supply</td>
<td>AC 90-240V, 50-60Hz</td>
</tr>
<tr>
<td>Dimensions</td>
<td>204.5<em>157</em>85mm (L x W x H)</td>
</tr>
<tr>
<td>Weight</td>
<td>N.W: 0.94kg, G.W: 1.31kg</td>
</tr>
</tbody>
</table>