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I. Safety and Prevention
Please observe the following safety precautions will increase the life of
the machine. In addition to the manual mentioned, please consult a qualified
person with relevant service. Do not use damaged power cords, accessories, and
other peripherals. On the micro-projector or near Do not use strong dissolving
agents, such as: thinner, benzene compounds or other chemicals.

* Before cleaning, please be sure to open the AC short. Use a clean cotton
fiber or soft leather cloth dipped in non-abrasive detergent and a few drops of
warm water to clean micro projector with a dry cloth to remove residual
moisture.
* Do not put on an unstable or insecure work platform.
* Do not put miniature projector on your lap or any part of the body to
prevent discomfort or injury caused by heat.
* Do not push or touch the mini projector lens. Do not put together with small
objects, or enter its scratch-free micro-projector.
* Do not place objects on top of the projector, do not use the front mini
projector push any object, or exposed to strong magnetic charged area.
* Do not expose in dusty environment or operate a gas leak location.
* Do not use bare or in liquid, place rain or moisture. Do not use the mini
projector during lightning storm.

Warm Tips:
* In the boot of the state, to avoid blocking the air inlet and outlet
miniature projector. In order to avoid air circulation, reduce cooling
efficiency.
* Safety temperature: This mini projector can be used only 5 degrees
ambient 40 degrees in ______.
* In order to extend the life of pico projectors use consistent with the
regulations of the power
II Product Features Chart

USB Interface: external storage devices (U disk, card reader, hard disk, power supply function for use)
DC power input connector: Connect the power adapter (5V 2A using the machine rated power)
TF card: external TF card. Mini SD storage device interface
Remote control receiver hole: try to align the holes when you use the remote control
Focus wheel: projector display resolution tuning
Bracket mouth: Tripod mount mouth
Power Key: Push up the main power, turn off the main power supply to push down IV Features remote control button

III Function keys and interface description

3.1 panel buttons
A: Long press 3-5 seconds to open / close the main power
B: Down button in the menu, press three seconds longer to reduce the volume
C: sources
D: (Right) in the source function for the Enter key
E: (left) in the source function for the Enter key
F: UP ARROW three seconds long press volume up
OK in HD video mode, the menu key and menu functions as the Enter key
Interface functions
Lens mouth: for the projector to display the lens
HDMI Interface: digital high-definition video, audio input interface (HD DVD, HD TV and computer, tablet devices such access).
AV IN / AUDIO OUT connector: AV video input (DVD set-top boxes and other video devices to access)

V menu operation
Remote Control: Press the menu button on the remote control to access the menu options, press the left button to select the operation menu, and then press the Enter key to enter the sub-menu, press the left or right to adjust confirmed, return to the previous menu or press the Exit
Key operation: Press OK to enter the menu options, press the left button to select the operating interface, down or keys to adjust the signal source, press the OK button to return to the upper or exit
This machine, the following main menu functions
A source selection
2 image settings
3 sound settings
4 Setting menu
VI Multimedia

Multimedia channel allows users to connect U disk or TF card direct reading, they have in common is support for playback of video music images and text files, this interface consists mainly of four, namely: Video Music Photo Text.

Method of operation
1. Put U disk or TF card is connected to the machine, and the source selection to the corresponding signal path
2. If the connection is successful upper-left corner of the screen TF / USB 2.0 icon becomes bright. otherwise the connection is unsuccessful, check the USB or TF card is connected
3. Select the corresponding need to play the file type, enter the appropriate mode, select the file you want to play or long press the play button on the remote control and press the OK button on the touch panel to play or open files.

VII Specifications

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Technology Type</th>
<th>American TI DLP projection technology</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Physical resolution</td>
<td>834*480</td>
</tr>
<tr>
<td></td>
<td>Brightness</td>
<td>120 ANSI Lumen</td>
</tr>
<tr>
<td></td>
<td>Contrast Ratio</td>
<td>1000:1</td>
</tr>
<tr>
<td></td>
<td>Aspect ratio</td>
<td>16:9</td>
</tr>
<tr>
<td></td>
<td>Display colors</td>
<td>The horizontal 1.67 million</td>
</tr>
<tr>
<td></td>
<td>Projection method</td>
<td>Front, rear, changing cast</td>
</tr>
<tr>
<td></td>
<td>Projection Lens</td>
<td>Manual Lens &amp; Focus</td>
</tr>
<tr>
<td>Optical parameters</td>
<td>Best Projection size</td>
<td>10-100 Inch</td>
</tr>
<tr>
<td></td>
<td>Projection Distance</td>
<td>0.2-3M</td>
</tr>
<tr>
<td></td>
<td>Lamp Type</td>
<td>RGB three-color LED lights</td>
</tr>
<tr>
<td></td>
<td>Lamp life</td>
<td>20000 hour above</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Input/Output</th>
<th>Video</th>
<th>1*AV</th>
<th>1*USB</th>
<th>1*TF Card</th>
<th>1*DC</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Audio frequency</td>
<td>1*EF</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### VIII Product Information

<table>
<thead>
<tr>
<th>Menu Language</th>
<th>Chinese, English, France, Russia, Spain, and Germany</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>150g</td>
</tr>
<tr>
<td>Power supply</td>
<td>DC 5V 2A</td>
</tr>
<tr>
<td>Power consumption</td>
<td>10W</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0-40°C/32-104°F (0-1200M)</td>
</tr>
<tr>
<td>Package size</td>
<td></td>
</tr>
<tr>
<td>Standard accessories</td>
<td>1 x USB Cable, 1 x Charger (US plug and EU/UK/AU adapters available), Tripod stand x 1 cable, AV x 1 cable, Instructions x 1, protective bag x 1, Lanyard x 1.</td>
</tr>
</tbody>
</table>

### IX Supported file formats

<table>
<thead>
<tr>
<th>Document Type</th>
<th>Supported file formats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picture</td>
<td>JPEG BMP PNG</td>
</tr>
<tr>
<td>Video</td>
<td>MPEG1 MPEG2 MPEG4 H264 RM RMVB MOV MPEG VC1 DIVX FLX MP4</td>
</tr>
<tr>
<td>Audio Frequency</td>
<td>WMA MP3</td>
</tr>
<tr>
<td>Text</td>
<td>TXT</td>
</tr>
</tbody>
</table>

### X User Maintenance

**Projector needs little maintenance, keep the lens clean because dust, dirt, stains will be projected on a screen so that the image quality reduction, if any parts of the projector needs to be replaced, please contact your dealer or our customer service staff.**

**Clean the lens**

Please use the standard lens cleaning cloth or clean paper, add a small amount of water to clean.

**Clean body**

Wipe with a soft cloth, non-corrosive materials, neutral detergent or water to clean, then wipe dry.

**Troubleshooting**

This product is an optical mechanical and electronic components for high-tech products, and the protection circuit built-in CPU, operating procedures, or if the violation is set incorrectly, the protection circuit of the product will begin to run, if there is some unusual circumstances, as long as you make the correct settings or do the following, the fault will be excluded.

<table>
<thead>
<tr>
<th>Malfunction</th>
<th>Workaround</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can't boot</td>
<td>Power supply is bad, check the adapter and the adapter connected to ensure good contact Electrostatic is a temporary failure of the machine, press the power button to restart the machine If the above two are the confirmation, please contact the designated service point or the Company</td>
</tr>
<tr>
<td>HDMI Unable to work</td>
<td>Check the HDMI cable is connected well, otherwise change a cable Check the system default HDMI signal if otherwise, please switch to the HDMI signal</td>
</tr>
<tr>
<td>AV Video connection is not normal</td>
<td>Make sure the AV video output cable and the display device is connected correctly Confirm whether the output mode of the machine and your display device is consistent</td>
</tr>
</tbody>
</table>

If you use the above method can not be troubleshooting, please contact us or the dealer, do not open the machine yourself.
Thank you for reading the user manual. If you have any questions, please contact our customer service personnel or agents, we will provide quality service for you, sincerely hope you use our products bring joy to your life.