

LED type micro  
projector Series



The user manual

(Products with packaging in kind prevail)

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## Warning notice!

Because the projector is strong light source, so don't look into the lens! Or you may damage your eyes. Please make sure a external headphone, TF card slot, avoid children swallowing small devices (such as TF card, etc.).

### 1. Safety and prevention

Please observe the following safety precautions, this will increase the life of the machine. In addition to the manual mentioned, ask staff with relevant qualifications consulting service. Do not use damaged power cords, accessories and other peripheral devices. On the mini projector or near don't use strong dissolving agents, such as: thinner, benzene compounds or other chemicals.

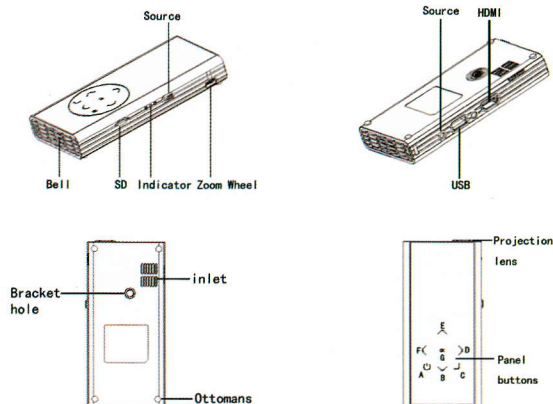
1. Before cleaning, be sure to disconnect the AC. Clean the mini projector using a clean cotton or soft leather cloth and non-abrasive detergent with a few drops of warm water. Then wipe off the residual moisture with a dry cloth.
2. Don't put the projector on the working platform that's not stable or weak.
3. Don't put the projector on the legs or any part of your body, to prevent you discomfort or injured caused by heat.
4. Don't press the projector lens. Don't put the projector with small pieces together to avoid scratches or entering it.
5. Don't place objects on the projector, nor use the mini projector to push any object. Don't expose the projector to strong magnetic or charged area.
6. Don't expose it to dusty environment or operate it in gas leak places.

7. Don't expose or use the mini projector in liquids, rain or moisture.  
Don't use it during lightning storm.

## Tips

1. In the boot state, please avoid objects blocking the projector's air inlet and outlet to avoid poor air circulation reducing the heat dissipation effect.
2. Safety temperature: This projector applies only to the environment of -10—45 degree Celsius.
3. To extend the life of the mini projector, please use the power adapter meeting the safety requirements.
4. Projector built-in fan: After long hours working, it's normal if fans start or work with a slight sound.
3. Don't put the projector on the legs or any part of your body, to prevent you discomfort or injured caused by heat.
4. Don't press the projector lens. Don't put the projector with small pieces together to avoid scratches or entering it.
5. Don't place objects on the projector, nor use the mini projector to push any object. Don't expose the projector to strong magnetic or charged area.
6. Don't expose it to dusty environment or operate it in gas leak places

## 2. Product features structures



## 3. Function buttons and instructions

### 1 Panel buttons

- A: Press 3 - 5 seconds/turn off the main power supply;  
B: Down key menu operation, press 3 seconds to switch the volume (decrease);  
C: Main menu, return key;  
D :Right arrow key in the menu operation, press three seconds to switch the signal source;  
E: Left arrow key in the menu operation, press three seconds to switch the volume (increase)

### 2 Interface functions

Lens mouth: projector display lens;

HDMI Interface: digital high-definition video, audio input interface;

AV IN / AUDIO OUT Interface: AV video input/audio output interface;

USB interface: external storage device interface (not as a power function, support U disk)

DC power input connector: Connect the power adapter (rated using this 5V2A / DC power supply);

TF card slot: external TF, Mini SD storage device interface;

Lights: Projector work lights;

Power key: Push up to turn on the power the power, push down to turn off;

Focus Wheel: Spinner projector display clarity

Bracket: Tripod nut mouth

#### 4. Interface instructions

The machine source interface is divided into: Android /HDMI/AV interface

No.	Interface	Interface features	Remarks
1	Android	Networks, local broadcast and other multimedia platforms	
2	HDMI	High-definition digital multimedia input	
3	AV	Audio signal input	

Android interface: It's a system customized and developed for DLP mini projector by Ejiale company. Android system main interface modules is as below



#### 5. Basic operations

Boot: Press (A) the power button for 3 - 5 seconds, the machine is powered on. The system enters the default Android 4.2.2 system interface, then the projector can be switched to use.

Shutdown: Press (A) the power button for 3 - 5 seconds, the system will prompt whether to turn off the machine, click (OK) to shut it down.

##### 2. Each functional operations

###### 2.1 Connect the AC adapter

Only use the supplied power adapter dedicated.

###### 2.2 Click on the video player

Achieve playing and browsing local (USB / TF card) or Network Neighborhood multimedia video.

###### 2.3 Click on the music player

Achieve playing and browsing local (USB / TF card) or Network Neighborhood multimedia music.

#### 2.4 Click on the picture player

Achieve playing and browsing local (USB / TF card) or Network Neighborhood multimedia picture.

#### 2.5 Click on the applications

You can check all local (USB / TF card) and network neighborhood built-system applications and download files.

### 6. System setting



A. Open the Wifi, select the Wifi network which can be connected;

B. You can modify user permissions for all the local system setting.;

C. System upgrade: the system provides two ways.

1. Local upgrade (requires external storage devices having the software upgrade package);

2. Network upgrade (requires the prior establishment of a network channel).

#### 7. Signal source selection



A. Android;

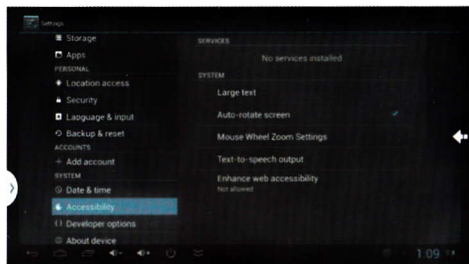
B. HDMI;

C. AV



Support to download, install or royal unload etc in Wifi.

### 9. Accessibility



Support to change font size, to auto-rotate the screen, the mouse wheel zoom, text-to-speech output and enhancing web accessibility etc.

#### 10. The same screen push feature

1 Wired connect: connect the projector and a cell phone with HDMI. NOTE: This procession, the connection may fail because the phone does not support the protocol. That's normal.

2 Connect with WIFI hotspot: WIFI hotspots can be established when the projector and mobile are in the same LAN.

3 Turn on the projector settings and the projector portable hotspot in wireless and networking capabilities. Use the phone to find the hotspots WIFI and connect it. Then you can use the same screen push feature with the application called Eshare.

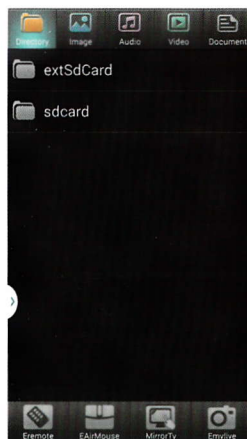
4. Before using the cell phone or other smart device for the same screen push feature the first time, you can download and install Eshare application in Android or Apple market store.

Also you can turn on the projector for the Eshare application (as pictured):



5. Download and install according to the website mentioned.

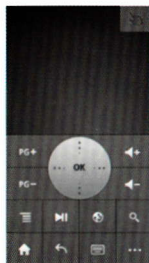
6. Open the Eshare APK installed in your phone or smart device, press the function key to look for the device. You can connect the device after finding it and click its name. (as showed)





7. You can push the picture, audio, video, documents in your cell phone or other smart devices to the projector and show them after the connection. It can also achieve using more than one device simultaneously.

8. At the Eshare in your phone, you can see the radio controls. After opening, your phone can control the projector and be a mouse and keyboard (as shown).



9. You can also put your projector display screen image to your mobile phone display. Then the phone can operate directly. This feature is particularly suitable for friends playing games.

10. A special feature is that our projector can also be using as a mobile phone camera. And the camera will immediately put the footage onto a large projector screen display.

## 11. Specifications

Optical parameters	
Projection Technology	DLP
	Texas Instruments DLP digital light processing projection technology
Graphics chips	0.3" DMD
Source type	(R, G, B) Three-color LED light source
source life	Over 20,000 hours life
Brightness	120 lumens
Contrast ratio	1000:1
Distortion	Less than 1.0%
Uniformity	Over 85%
Projection ratio	1.19:1 (distance:width)
Focus mode	Manual Focus
Physical resolution	854*480
Projection method	Front, rear, hanging cast front/rear
Projection size	10-100 inches
Aspect ratio	16:09
Application specifications	
Operating system	Android 4.2/Simple System
CPU	Dual-core 1.6G / Integration
Built-in Capacity	Built-in 4G, can expand to 32G
Language	Chinese, English, French, Russian, Spanish, Arabic
Supporting documents	Word, Excel, PowerPoint, PDF, Google Market, Face book, etc
Video documents	RM, RMVB, AVI, WMV, 3GP, MOV, etc
Music documents	MP3, WMA, WAV, ACC, etc. Support for external speakers
Picture documents	BMP, GIF, JPEG, JPG, PNG, etc
Speakers	Built-in 1*2W
Operating method	Touch keys
Wifi	Built-in Wifi 802.11b/g
Wireless same screen function	Supporting Wifi Display/Mirocas DLNA
Bluetooth	DMR display
Interface parameters	Support
Input terminal	HDMI*1: Support HDMI signal input USB*2: Support U disk, USB mobile hard disk, USB mouse, USB keyboard
Output terminal	3.5mm audio output*1
Extended functions	Mini SD*1, extended up to 32G
Specifications	
Total power	10W
Built-in source	2500mA
Adapter	DC 5V/2A
Product size	130*62*20mm

## 12. User service

The projector requires maintenance. You should keep the lens clean, because the dust or stains will reduce the projection image quality on the screen. If any part of the projector needs to be replaced, please contact with your dealer or qualified service personnel.

### 1. Clean the lens

Please use the standard lens cleaning cloth or paper. The projector lens should be crumbly, only the recommended or non-corrosive materials can be used. Don't use your fingers.

### 2. Clean the projector cabinet

Gently wipe with a soft cloth. If it's difficult to remove the dirt, clean it with a soft cloth dipped in water or a mild detergent. Then wipe the cabinet dry with a soft and dry cloth.

### 3. Troubleshooting

The product is a high-tech product made from optical, mechanical and electronic components. It's configured with CPU and protection circuits inside the product. If there is violation of operating procedures or improper operation, the protection circuit of the product will begin to run. If there are some unusual circumstances, the failure will be lifted as long as you make the correct settings or perform as the following

Malfunction	Resolution
Can't boot	1. Power supply is bad: Check the adapter and ensure the adapter a good contact.
	2 Static phenomenon makes the machine temporarily disabled: Press the power button to restart.
	If the above two are confirmed, please contact with the designated service point or consult our company.

HDMI doesn't work	1. Check the HDMI cable is connected well, otherwise change another.
	2. Confirm whether the default system signal is HDMI, please press menu key F to switch to the HDMI signal.
AV screen is bad	3. Make sure that the software is not installed notebook hotkey (various laptop hotkeys software is not the same). If all the above are confirmed, please contact with the designated service point or consult our company.
	1. Confirm AV video output cable and the display device is connected correctly.
	2. Confirm whether the machine output mode is consistent with your display device.
	If the above two are confirmed, please contact with the designated service point or consult our company.

If you still can't solve the troubleshooting using the above methods, please contact with us or the agent immediately. Do not open the machine by yourself.

## 13. Warranty card

User's name		phone number	
Detailed address			
Date of purchase		Machine number	
Agent's name		Phonenummer	
Agent's detailed address			
Maintenance records			



#### **14. Technology specifications**

##### **Random Accessories:**

- A. Power Adapter(standard configuration); B.HDMI cable (standard configuration); C.AV cable (standard configuration);**
- D. Pouch.**

**Thank you for reading this manual. If you have any questions, please feel free to contact with us or agents. We will provide quality service for you and sincerely hope that you use our products and enjoy your life.**