

Pico Projector

User Manual



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1. Brief Introduction

This product use TI 0.3 inch DMD chip, cooperate with RGB LED display technology.

LED light source, using LED RGB trichromatic LED chips, the life up to 20000 hours, in terms of 6 hours watching TV every day, life is about 10 years, much higher than general projector bulb lamp life 3000 hours. Its brightness to 80 lumens, making the products in the field of video, games, entertainment and mobile commerce, have got well.

The projector with HDMI (MHL) input interface, AV input interface, USB/micro SD card input interface, Audio, Audio output interface, with built-in speakers and infrared receiver control, users only need to insert USB disk or micro SD card, for the most part can decipher the format of the video.

When you buy the projector, please read the user manual, it is the foundation of you are familiar with and master and operate the projector, I wish you a happy to use!

2. Important safety Instructions

All of the safety and operating instructions should be read, adhered to and followed before the unit is operated.

CAUTION

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. THERE ARE NO SERVICEABLE PARTS INSIDE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.



The lightning flash with arrow-head symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.



Avoid staring/facing directly into the projector beam

DANGER

To reduce the risk of electric shock, burns, fire or injury:

1. Do not use while bathing or in a shower.
2. Do not place or store unit where it can fall or be pulled into a tub or sink.
3. Do not place in, drop or submerge in water or other liquid.
4. Do not reach for unit that has fallen into water. Unplug it immediately.
5. Care should be taken so that objects do not fall and liquids are not spilled onto the unit.

WARNING

1. Close supervision is necessary when this appliance/product is used by or near children or mentally disabled individuals.
2. Use this unit only for its intended use as described in this manual.
3. Unplug this unit during lightning storms or when unused for long periods of time.
4. Never drop or insert an object into any opening.
5. Protect the adapter cord from being walked on or pinched, particularly at plug outlets, convenience receptacles and the point where it exits the unit.
6. Do not allow adapter cord to touch hot surfaces. Wrap cord loosely around the unit when storing.
7. The unit should be situated away from direct sunlight or heat sources such as radiators, electric heaters, heat registers, stoves, or other units (including

amplifiers) that produce heat. Avoid placing on top of stereo equipment that radiates heat.

8. Never block the air openings of the unit with materials such as clothing, plastic bags or papers, or place it on a soft surface such as a bed or couch, where the air openings may be blocked.
9. Do not overload electrical outlet. Use only the power source as indicated.
10. Do not carry this unit by cord or use cord as handle.
11. Never operate this unit if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged, or dropped into water. If the unit's power supply cord or plug is damaged, do not attempt to fix it yourself.
12. To avoid the risk of electric shock, do not disassemble or attempt to repair the unit. Incorrect repair can cause risk of electric shock or injury to persons when unit is used.
13. Do not operate in the presence of explosive and/or flammable fumes.
14. Never remove the plug from the socket by pulling the power cord.
15. Clean only with dry cloth.
16. Don't stick alcohol such as detergent to clean with wet cloth lens

WARNING!

this product contains A rechargeable battery

- Do not store this product in high temperatures, damp areas or in direct sunlight.
- Never disassemble the product.
- Never dispose of the product in fire or water, which may result in explosion and/or injury.
- Keep product out of reach of children.
- Do not touch product with damp hands.
- Dispose of the product properly.
- The product must not be discarded with ordinary household waste.
- Contact your local recycling center for proper disposal.

3. Standard accessory

Projector	1 PC	Power Adapter	1 PC
AV Cable	1 PC	User Manual	1 PC
Exclusive use USB Charge Cable		1 PC	
Optional Accessory: HDMI cable, Tripod, IPAD & IPHONO & IPOD TOUCH HDMI ADAPTER, MHL CABLE			

4. FCC Information

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This unit generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

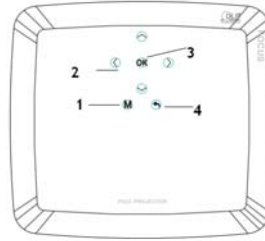
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

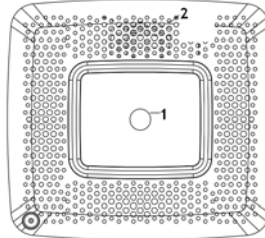
5. Location of parts and controls

1.) Top & Bottom

1	Mode
2	The direction Keys
3	Confirm
4	Back (Return to previous menu)
MODE: the home page (music, movie, photo, text) press the M key search TF, USB the content inside	

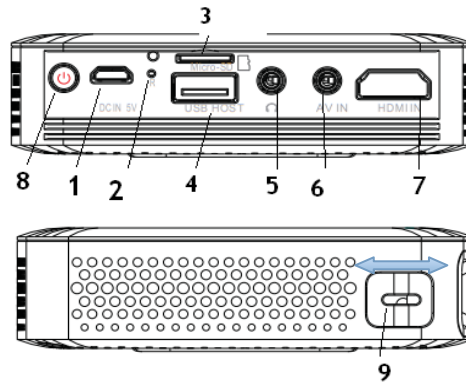


1	Tripod Dock hole
2	Intake



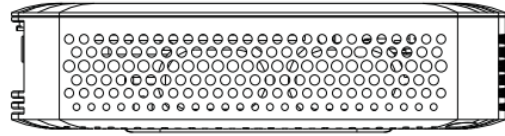
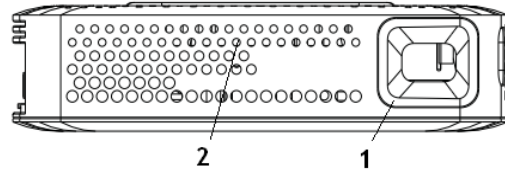
2.) Left & Right

1	DC IN 5V/2A	2	R Reset
3	Micro SD	4	USB
5	Audio out	6	AV IN
7	HDMI(HML) In	8	Power On/Off
9	Focus adjustment		



3.) Front & Back

1	Projector Lamp
2	Outtake



6. Projector installation place

1. To install, after a vote of the geometry distortion in image will not appear in trapezoidal state, the projector should be placed in a horizontal position (e.g., flat on the table), and perpendicular to the center of the screen (90° right-angle direction).
2. The Projector can display media just about anywhere! However, for the best quality, we suggest you find a light colored wall (preferably smooth and white) and place the Projector with its lens facing the location. The Projector can show media up to 80 ", just move the projector towards and away from the wall to adjust the size of the picture. Dimming room lights will also add to viewing quality.

7. The distance between the projector and screen

screen diagonal size	Projection distance
37.8 inch	100cm, 39.37 inch
50 inch	132cm, 51.97 inch
60 inch	159cm, 62.6 inch
80 inch	211cm,83.07 inch

8. Charging the Projector

1. The projector is charged using the included AC Adapter.
2. The LED Indicator Light will illuminate Red to indicate that the projector is currently charging and then revert to LED OFF when the projector is fully charged.

Important: It takes approximately 3 to 5 hours to fully charge the projector for the first use, and the approximate working time is 2.5~3 hours.

3. A low battery icon will show on the screen when the projector battery is low. Use the included AC Adapter to charge your projector. If the battery is too low, the projector will automatically shut off.


9. Start up the projector

1. Press the Power button to turn the projector on
2. When the picture is not clear, through focus adjustment knob make clear picture

10. Video play

Play video from USB disk and micro SD card

1. Insert U disk or micro SD card into the corresponding slot.


2. Press the Power button to turn the projector on.
3. Press **direction key**, Select the video icon , touch **M** button.
SEARCH the TF card OR USB disk you want, touch **OK** to confirm. Then select the video you want to play, touch **OK** to confirm.

Note: Please insert a variety of signal source in shutdown condition.

Video format support:

RM,RMVB,MPEG,MKV,AVI,MP4,MOV,
FLV,H.263,H.264,3GP,DAT,VOB,TS,WMV

11. Audio display


1. Insert U disk or micro SD card into the projector corresponding socket.
2. Press the Power button to turn the projector on.
3. Press direction key, Select the Audio icon , press **M** key.
SEARCH the TF OR USB you want, press the **OK** key to confirm.

Audio format support: MP3 ,WMA ,AAC,PCM,---

12. Adjusting volume

Long press the panel on the down, up KNOB to adjust the volume

13. Connect input source

1. The project off, connect the HDMI cable (included) to the HDMI port and the other end to your device.
2. Press **direction key**, select the **SOURCE** icon , press **M** key, followed by HDMI in and AV in.

- Note: 1. You may need an adapter to connect your device to the HDMI cable.
2. If you are using one of the following devices, you will see your device's screen displaying (mirroring) on the wall.
- iPad (3rd generation)
 - iPad 2
 - Apple laptops with display port to HDMI adapter
 - PC laptop with type A HDMI port

Important!

Apple devices require an apple digital AV adapter (sold separately) for HDMI use. For all other devices, check the manufacturer's instructions.

14. Compatibility

Your Device:	Do You need an adapter?
Apple, iPad, iPhone devices	Yes — Apple Digital AV (sold separately)
Smart phones have MHL output	Through the MHL cable connect to unit
Laptop with HDMI port	No-use a normal HDMI cable connect to projector
DVD With CVBS	By the AV IN connection

MHL Compatibility

Samsung Galaxy Nexus, Samsung Galaxy Note, Samsung Galaxy S II, Meizu MX,
LG Optimus LTE, HTC Sensation, HTC ONEX---

15. Trouble shooting

Q. The Projector will not show the video on the wall.

A. Recharge your device's battery. Also, check to see if the HDMI cable is fully inserted into the Projector and your device.

Q. The video showing on my wall is blurry.

A. Adjust the Focus Wheel on the Projector to fine-tune the picture. It may also depend on the surface on which you are attempting to show your video. Try moving to a location with a smoother wall surface.

Q. I cannot get my device to work at all with the Projector and its battery is fully charged.

A. Make sure the cables are inserted into the correct ports and test connections.

Q. No signal - I am getting no input from my device.

A. Make sure your device is on - and fully charged.

16. Specification

Native Resolution	854 - 480 (WVGA) (Support Maximum 1920*1080P)
Display Technology	TI DLP,0.3"DMD EM
LED Brightness	80 ANSI Lumens
LED Lamp Life	Approximately 20000 hours
Contrast Ratio	1000:1
Image Size	100inch
Screen Aspect Ratio	16:9
Throw Ratio	1.19:1
Color Gamut (typical)	100% of NTSC
Uniformity	85%
Speaker	1W*2 Speakers
Power	7.4V 2000 MAH Rechargeable Battery
Battery Life	≥2.5 Hours (Fully Charged)
DC IN	5V/2A
Unit Dimensions	110*99*24mm