

# **Mini Projector**

# **User Manual**

**( English )**

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# Caution

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- 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.



shock

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 units enclosure that may be of sufficient magnitude to constitute a risk of electric



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

## Important safety instructions

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

## Save these instructions!

# 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.

# Warning!

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## **This product contains a rechargeable battery**

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

# FCC INFORMATION

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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 equipment 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 to 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 into 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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is acting as slave and operating in the 2.4 GHz (2412 ~2462 MHz) band and 5GHz(5150 GHz.5250GHz; 5725 GHz.5825GHz) band. .

## RF Exposure Warning Statements:

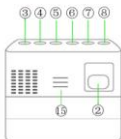
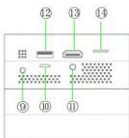
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.

## Simplified EU Declaration of Conformity

Refer to article 10(9), shall be provided as follows:

Hereby, Guangxi Jiaway Technology Corporation Limited declares that the radio equipment type D600 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.haiway.com.cn](http://www.haiway.com.cn).

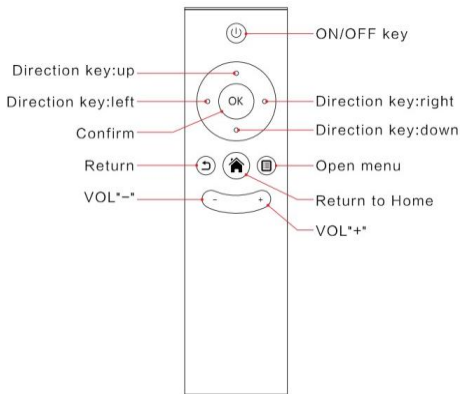
# Location of parts and control



|                     |                      |
|---------------------|----------------------|
| ① Focus wheel       | ⑨Power charging port |
| ② LENS              | ⑩ Micro USB          |
| ③ Power button/exit | ⑪ 3.5mmAudio out     |
| ④ Down              | ⑫USB port            |
| ⑤ Up                | ⑬ HDMI input         |
| ⑥ OK                | ⑭ TF card slot       |
| ⑦ Right             | ⑮ infrared receiving |
| ⑧Left               |                      |

# Remote controller

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|                      |                                                                                                                                                                              |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optical engine:      | TI DLP, 0.45"DMD                                                                                                                                                             |
| Lamp type :          | RGB LED life Span> 20K hours                                                                                                                                                 |
| Resolution:          | 1280x800 Native                                                                                                                                                              |
| Contrast ratio:      | 1500 : 1                                                                                                                                                                     |
| Projection size:     | 20~200inch                                                                                                                                                                   |
| Throw ratio:         | 1.8 : 1                                                                                                                                                                      |
| Projection Mode:     | Front/Rear/hanging cast projection                                                                                                                                           |
| Typical Lumen:       | 250lm                                                                                                                                                                        |
| Focus Mode:          | Manual                                                                                                                                                                       |
| Processor:           | Mstar 6A638                                                                                                                                                                  |
| RAM:                 | 1GB                                                                                                                                                                          |
| Flash:               | 8GB                                                                                                                                                                          |
| Button:              | 6 Buttons                                                                                                                                                                    |
| USB Port:            | USB2.0*1, micro USB x1                                                                                                                                                       |
| HDMI Port:           | HDMI in Supported                                                                                                                                                            |
| Micro SD / TF card:  | Supported                                                                                                                                                                    |
| Ir Remote:           | Supported                                                                                                                                                                    |
| Audio output:        | 3.5mm port                                                                                                                                                                   |
| Speaker:             | 1WX1in upper case 2wx2 in lower case                                                                                                                                         |
| Capacity:            | 12.6V / 5000mAh                                                                                                                                                              |
| Max output           | 19V 3.42A                                                                                                                                                                    |
| Operation Frequency  | 2.400 GHz ~ 2.497 GHz (2.4 GHz ISM Band)<br>4.900 GHz ~ 5.845 GHz (5.0 GHz ISM Band)<br>2.400 GHz ~ 2.497 GHz (2.4 GHz ISM Band)<br>4.900 GHz ~ 5.845 GHz (5.0 GHz ISM Band) |
| Playtime per charge: | 180Minutes                                                                                                                                                                   |

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Charging time:                                                                          | 5Hours and 30minutes |
| <b>Video Format</b> : AVI, RM, RMVB, PMP, FLV, MP4, M4V, VOB, WMV, 3GP, MKV, M2TS Etc., |                      |
| <b>Noise</b> <45dB                                                                      |                      |
| Size:103x103x47mm(projector)+103x103x42mm(battery box with speaker)                     |                      |
| <b>Extra Function</b> : Power bank Function for charging                                |                      |

## Specification

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Power On : Long pressing power button 5seconds, or press the power button key on the remote controller, projector will be turn on.

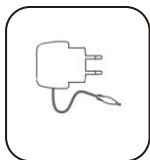
Power Off: Long pressing power button 5seconds, or press the power button key on the remote controller, projector will remind shutdown.

# Accessories

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Remote controller



Power Adaptor

# Reset and troubleshooting

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When unknown error happen, user need to

Reset/reboot the projector, then, please follow the below steps: 1) Don't plug the power charger in the upper case and then detach the upper case from the lower case. Then it will turn off. 2) Press the power button by user to turn it on after reset the projector.



## Troubleshooting:

Q The projected image is blurry.

A Adjust the focus wheel on the projector to fine-tune the picture. Also check that the surface you are projecting on is smooth.

Q The projected image is too small.

A Move the projector farther away from the projection surface.

Q The projector is not projecting.

A Here are several things to check if your projector is not projecting:

- If on battery power, check the battery life remaining by pressing the power button. If battery power is low, plug into AC power.
- If on AC power, check that the AC power is plugged into the correct port on the projector and the AC adapter is securely plugged into a powered outlet.
- If using a wired connection, check the compatibility section of this manual to ensure you are using any necessary adapters to connect your device. If an adapter is required, power down the projector, add the adapter, and then turn the projector back on. Also check with your device manufacturer to ensure your device supports video out.
- If using a wireless connection, check the compatibility section of this manual for instructions. Also check with your device manufacturer to ensure your device supports wireless screen mirroring.

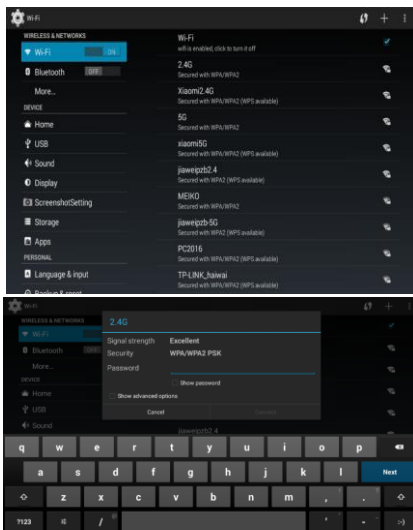
Q Intermittent black screen happening.

A Caused by optical engine overheating, product shall be automatic protection. While projection time is too long, product automatically start overheating protection, there will be intermittent black screen. Inspection method: Please check if there is a shelter outlet affect hot air to blow out. Please wait until the projector's surface temperature become normal before booting the projector again.

# Internet setting

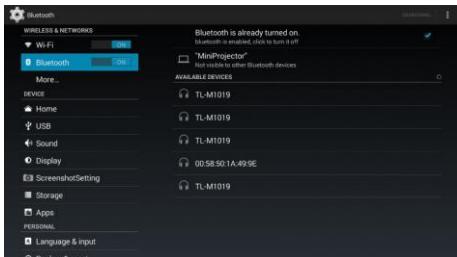
Open “WLAN” Choose wireless signal which was received, input the password for the connection.

Remark:after inputting password by remote,press “return” for closing the keyboard.



# Bluetooth Setting

Open the "bluetooth" choice of bluetooth devices to connect; After the success of matching, It will display "connected"



# IOS wireless screen mirroring

Using the happycast software inside the device can help you share the screen wirelessly from apple device to our projector.

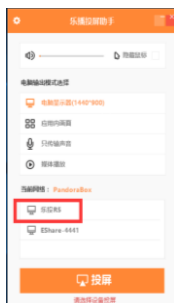
Make sure iphone and projector device connect to the same WIFI ,If you have dual band router, we suggest that you may connect to 5G WIFI:

- Open the happycast projection in the wireless screen share ;
- Slip the iphone screen from the bottom for opening iphone bottom menu ;
- Click the "AirPlay" in the menu , choose the proper device ;
- After choosing the device,please turn on mirror switch.



# Android wireless screen mirroring

- 1) Use the happycast software inside the device can help you share the screen between android smartphone and projector
- 2) Make sure the mobile phone and projector device connect the same WIFI , If you have dual band router ,we suggest that you may connect to 5G WIFI.
- 3) Open happycast in smartphone , choose the proper happycast display device, then click the “mirroring” button on the bottom then, wireless mirroring will be start.



## Wireless Screen Share-PC Screen Share

- 1) Use the happycast software inside the device can help you share the screen between PC and projector or even android device.
- 2) Make sure the PC and projector device connect the same WIFI, If you have dual band router, we suggest that you may connect to 5G WIFI.
- 3) Open happycast in PC, choose the proper happycast display device, then click the “mirroring” button on the bottom then, wireless mirroring will be start.



# One year limited warranty

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We warrant this product against defects in materials and/or workmanship under normal use for a period of ONE (1) YEAR from the date of purchase by the original purchaser ( "Warranty Period" ). If a defect arises and a valid claim is received within the Warranty Period, at its option, we will either 1) repair the defect at no charge, using new or refurbished replacement parts, or 2) replace the product with a new product that is at least functionally equivalent to the original product, or 3) provide a store credit in the amount of the purchase price of the original product.

A replacement product or part, including a user-installable part installed in accordance with instructions provided by us, assumes the remaining warranty of the original product. When a product or part is exchanged, any replacement item becomes your property and the replaced item becomes our property. When a store credit is given, the original product must be returned to us and becomes our property.

**Obtaining service:** To obtain warranty service, call our Warranty Service hotline at our website. Please be prepared to describe the product that needs service and the nature of the problem. A purchase receipt is required. All repairs and replacements must be authorized in advance. Service options, parts availability and response times will vary. You are responsible for delivery and the cost of delivery of the product or any parts to the authorized service center for replacement, per our instructions.

**Limits and exclusions:** Coverage under this Limited Warranty is limited to the country where this product distribute by wholesale , retail, online sale, selling agent ,Importer etc.,

This Limited Warranty applies only to the products manufactured or sold by us that can be identified by our trademark, trade name, or logo affixed to them or their packaging. The Limited Warranty does not apply to any other products that are not manufactured or sold by us. Manufacturers or suppliers other than ours may provide their own warranties to the purchaser, but we, in so far as permitted by law, provides these products "as is."

This warranty does not apply to: a) damage caused by failure to follow instructions relating to product's use or the installation of components; b) damage caused by accident, abuse, misuse, fire, floods, earthquake or other external causes; c) damage caused by service performed by anyone who is not a representative of us; d) accessories used in conjunction with a covered product; e) a product or part that has been modified to alter functionality or capability; f) items intended to be periodically replaced by the purchaser during the normal life of the product including, without limitation, batteries or light bulbs; g) any product sold "as is" including, without limitation, floor demonstration models and refurbished items; or h) a product that is used commercially or for a commercial purpose.

We shall not be liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. To the extent permitted by applicable law, we disclaim any and all statutory or implied warranties, including, without limitation, warranties of merchantability, fitness for a particular purpose and warranties against hidden or latent defects. If we cannot lawfully disclaim statutory or implied warranties, then to the extent permitted by law, all such warranties shall be limited in duration to the duration of this express warranty.

Some country/states disallow the exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from country to country(state to state). Author assumes no responsibility for any errors that may appear in this manual. Information contained herein is subject to change without notice.