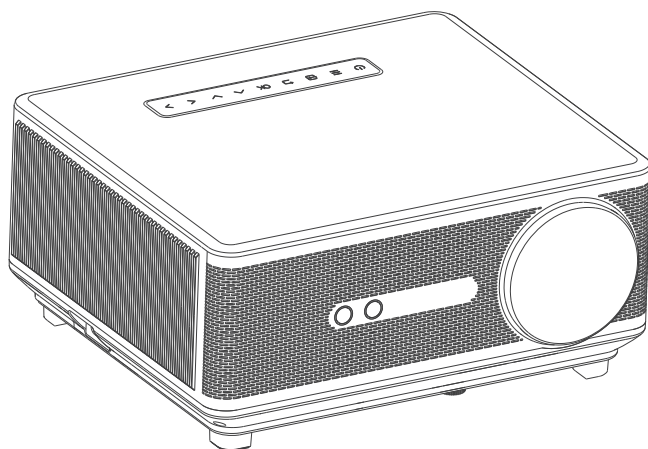


INSTRUCTION MANUAL



Please read the manual carefully
before operating projector.

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Important Safeguards	1
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Important Safeguards

Installation

- To get a better watching, please use this projector while drawing the curtain or in a dark room.
- Please use the projector carefully, dropping or crashing may damage parts or result in blurred images and abnormal displaying.

Power

- Be careful while using the power cord, avoid excessive bending; the damage of power cable may cause electric shock and fire.
- It is better to unplug the power cord after power off.

Cleaning

- Unplug the power cable firstly.
- Clean the shell regularly with a damp cloth, neutral detergent can be used.
- Please use a glasses cloth or lens paper, not to scratch the lens.
- Please clean projector's vents and speakers regularly by banister brush, or the ventilation will be blocked.

High Temperature Attention

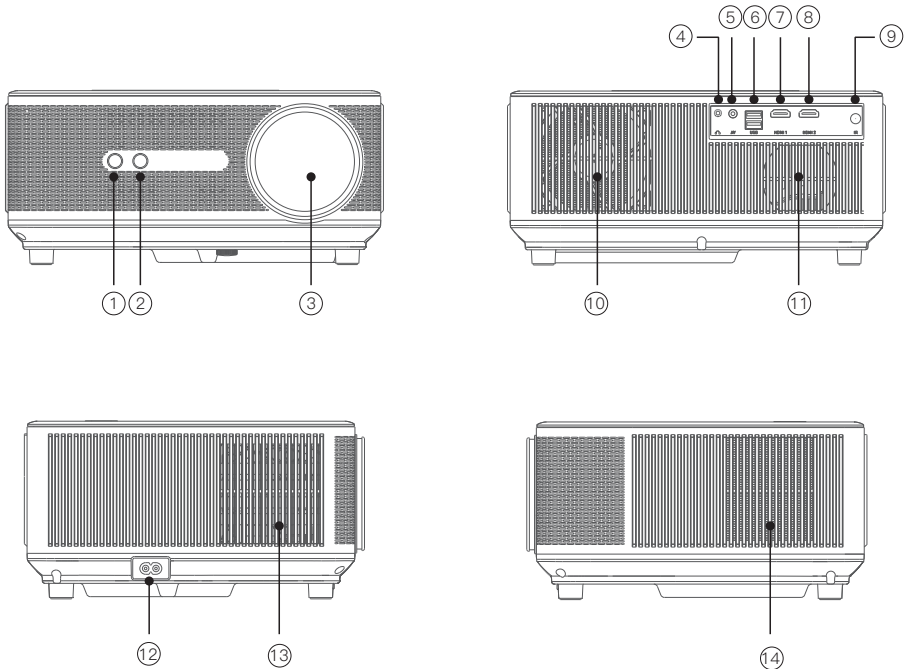
- While projection or just finishing, the exhaust port nearby will be very hot, if touch it, would get scald.
- While projection, please do not look the lens directly, or may hurt eyes.

***Warm Tips**

- Do not disassemble the projector, if not, there will be a risk of electric shock, and the disassembling affect the normal warranty.
- Please do not put any liquid or heavy stuff on the projector.
- To ensure the stability of heat dissipation, please open the height bracket in the bottom of the projector before starting.

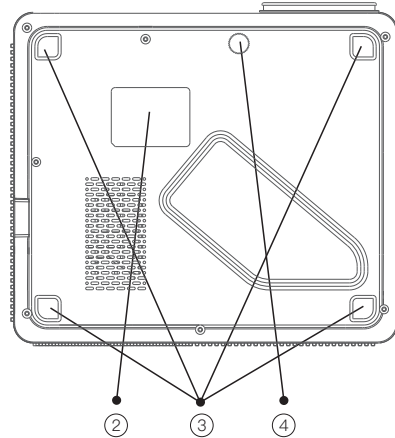
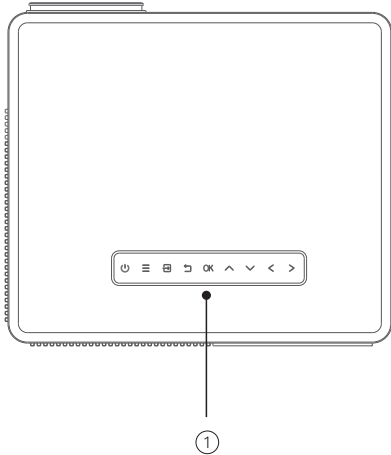
Projector Knowledge

Projector can input high-definition video signal and composite video signal, and support stereo audio signal input and output. Please refer to the following figure to connect the projector and other audio equipment according to your own needs.



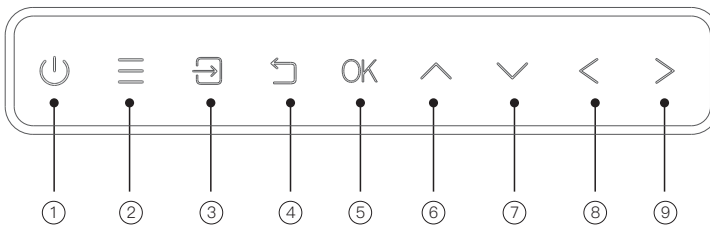
- | | |
|---|--------------------|
| 1. Camera(Only available in auto focus version) | 8. HDMI2 port |
| 2. IR Receiver | 9. IR Receiver |
| 3. Focus Lens | 10. Air inlet |
| 4. 3.5mm port for Audio Output | 11. Speaker |
| 5. AV port | 12. Power Socket |
| 6. USB port | 13. Cooling Window |
| 7. HDMI 1 port | 14. Cooling Window |

Projector Knowledge



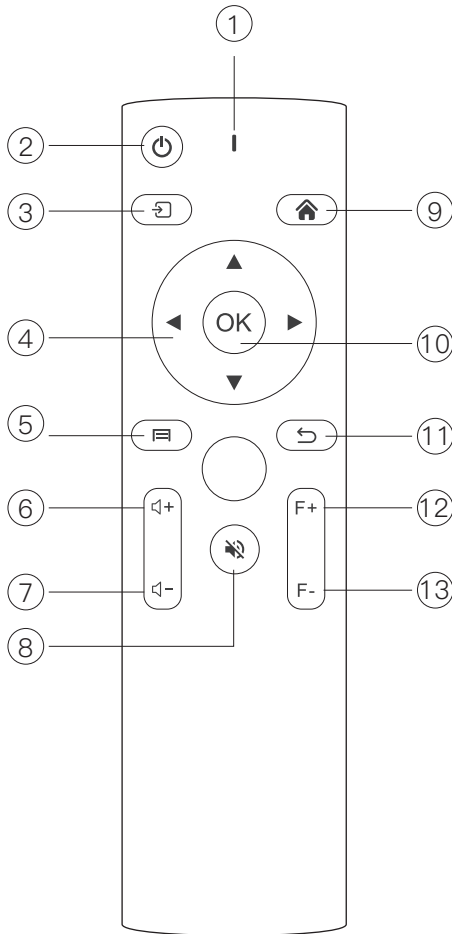
1. Keystrokes (picture 1)
2. Rating Label
3. .Hanger Fixing Screw Holes (M5)
(4 Points: Remove the machine foot pads before hoisting)
4. Level-Stand Adjustment

(picture 1)



- | | | |
|---------------|-----------|--------------|
| 1. Power Key | 4. Exit | 7. Down Key |
| 2. menu key | 5. OK Key | 8. Left Key |
| 3. Source Key | 6. Up Key | 9. Right Key |

Remote Control



- 1. Signal Indicator
- 2. Power Key
- 3. Source key
- 4. Arrow keys
- 5. Menu
- 6. Volume+
- 7. Volume-
- 8. Mute Key
- 9. Home Key
- 10. Confirmation key
- 11. Return key
- 12. Focus+
- 13. Focus-

Projector Installation

Standard Setting

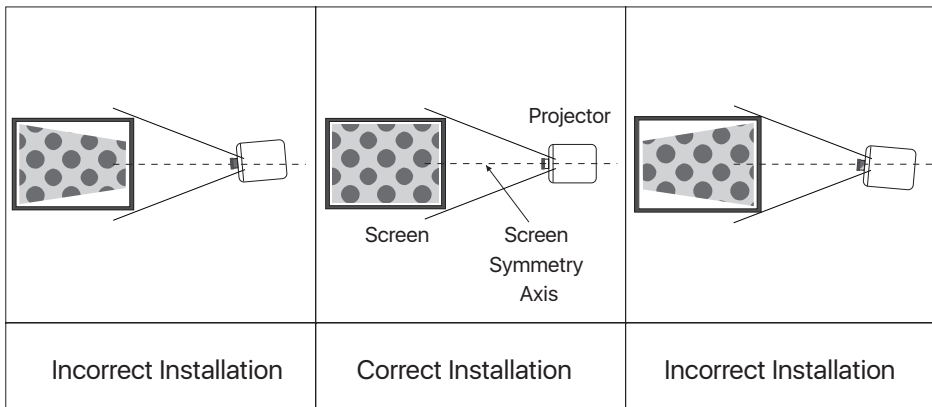
Please refer to the following table to adjust your picture size and distance. (from the lens to the screen).

Aspect ratio	16:9
Picture size (inch)	Projection distance (m)
50	1.67
100	3.30
120	4
150	5

Please allow $\pm 3\%$ to the image sizes in the table above. If the distance is less than min data and more than max data, the image could be blurry.

Warning:

Please check the diagram below for the trapezoid adjustment.

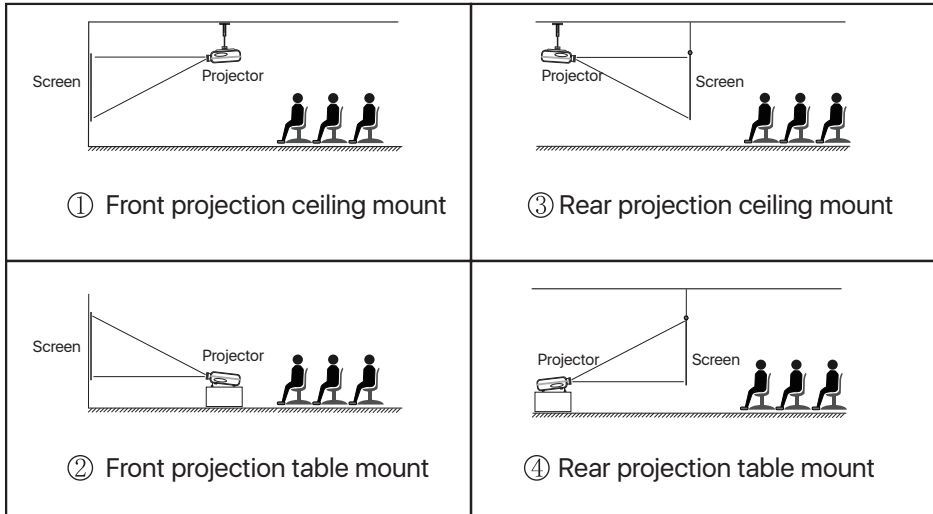


Projector Installation

Installation Method

Contact a professional installer to mount this projector to a ceiling.

Follow the instructions below for the correct projector positions.



Warning:

1. The projector may be damaged beyond repair if it is incorrectly mounted on a ceiling or on a surface.
2. The projector should only be used in an environment where the temperature does not exceed the range of 5°C - 35°C . Projector malfunction may occur if this is not adhered to.
3. Malfunction may occur if the projector is subjected to dusty, wet, moist or smoky conditions.
4. Poor ventilation could cause overheating which could lead to damage to the projector as well as a life threatening situation.

Turn the Projector Operation On/Off

When the projector is connected to a power source, the projector enters standby and the cover signal indicator is red.

Operation on: Press the power key on the body or the power key on the remote control, the indicator will turn blue and enter the working state.

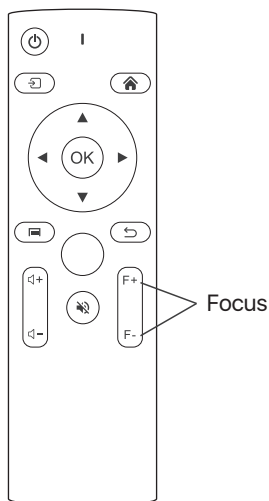
Operation off: In the working state, press the power key of the body or the power key on the remote control, the indicator changes from blue to red, and the projector is turned off.

Image focusing

When the newly installed projector is used for the first time, the image will be blurred, and it is necessary to focus the picture ;

When the picture is blurred, press the focus keys "F+" and "F-" on the remote control to adjust the focal length of the lens. Tap or long press the focus button until the picture is clear. (As shown below)

(※ Auto focus function is only available in autofocus version. Please do not block the camera while autofocusing.)



(Before the focus)

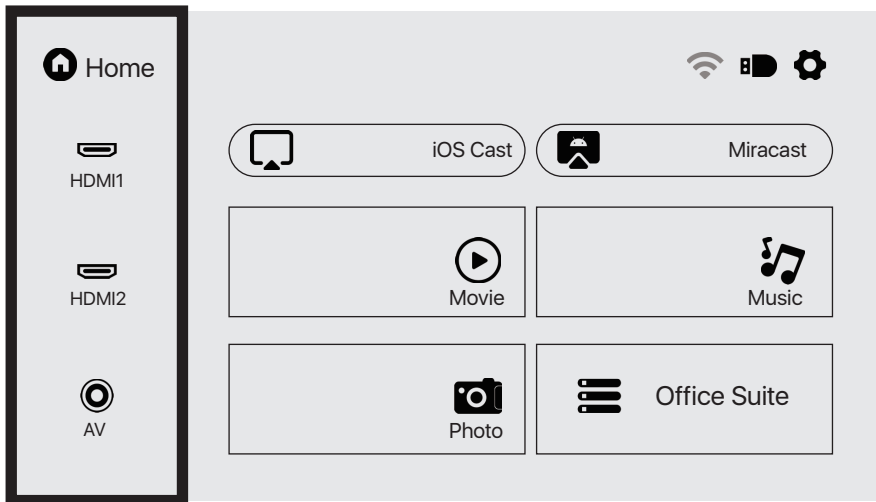


(After the focus)

Use of the Projector

How to Select the Source

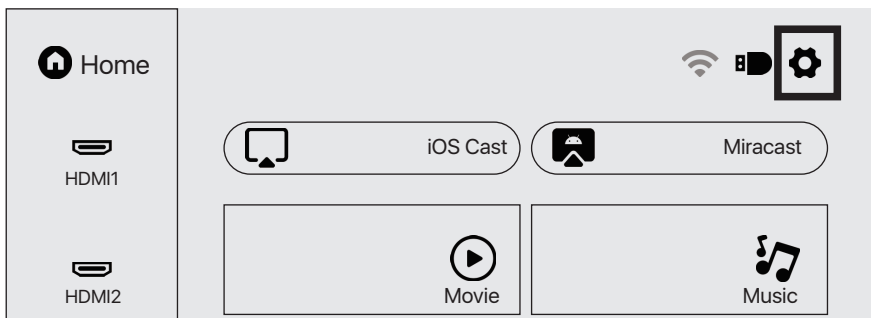
Select the source channel you want to enter in the list on the left side of the main interface, such as HDMI 1 / HDMI 2 / AV, then press the "OK" key on the remote control to enter the corresponding source interface.



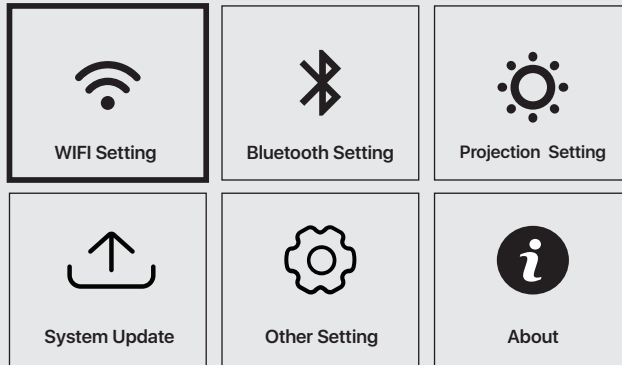
How to Connect to WiFi

Select the settings icon in the upper right corner of the main interface, press the "OK" key on the remote control to enter the settings interface, and select "WiFi Setting".

After entering the interface, select the WiFi you want to connect to in the list below, then enter the password and complete the connection. Connected will be displayed behind the successfully connected WiFi.

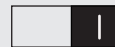


Use of the Projector



◀ WiFi Setting

WIFI ON/OFF



GZRIGAL-C

TP

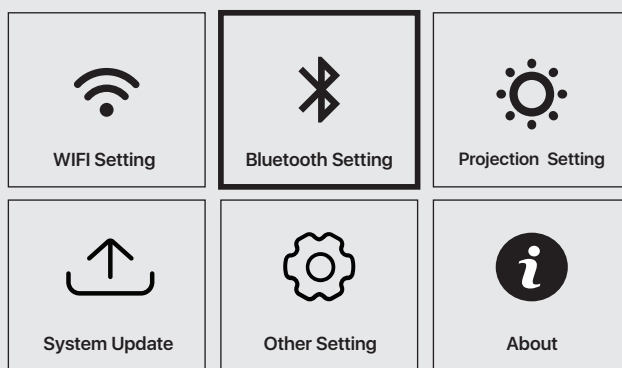
BMW

Use of the Projector

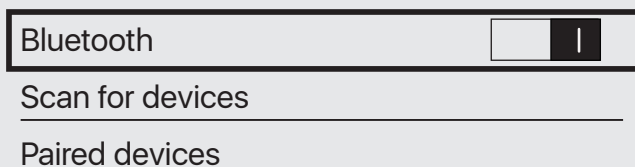
How to Connect Bluetooth

Select the setting icon in the upper right corner of the main interface, press the "OK" key on the remote control to enter the setting interface, and then select "Bluetooth Setting".

After entering the interface, turn on Bluetooth, search for Bluetooth, and pair Bluetooth.



◀ Bluetooth Setting



Use of the Projector

How to Use Projection Settings

Select the settings icon in the upper right corner of the main interface, and then press the "OK" key on the remote control to enter the settings interface and select "Projection Image Setting".

After entering the interface, select the mode you want in the projection settings.

Projection mode: Front-Desktop / Rear-Desktop / Front-Ceiling / Rear-Ceiling

Automatic Keystore (Enable this function, when the device displacement can also keep the picture square)

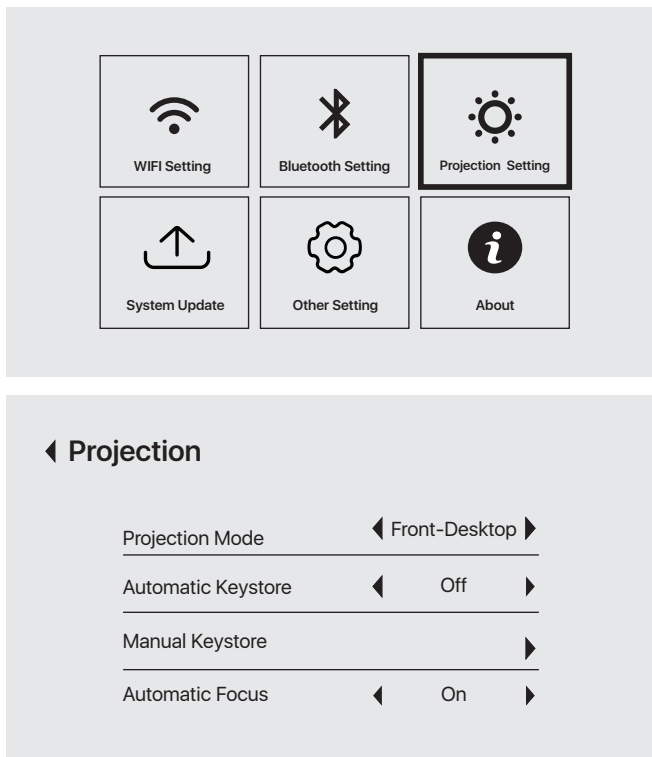
Manual Keystore (Manually adjust the four corners through the arrow keys until the screen can be corrected)

Automatic Focus (Turn on this function, when the device displacement can also maintain a clear picture)

Manual Focus (Adjust the picture clearly by pressing the button)

Digital Zoom (Zoom out or enlarge the image)

Correction Settings (Trapezoidal Correction Reset)



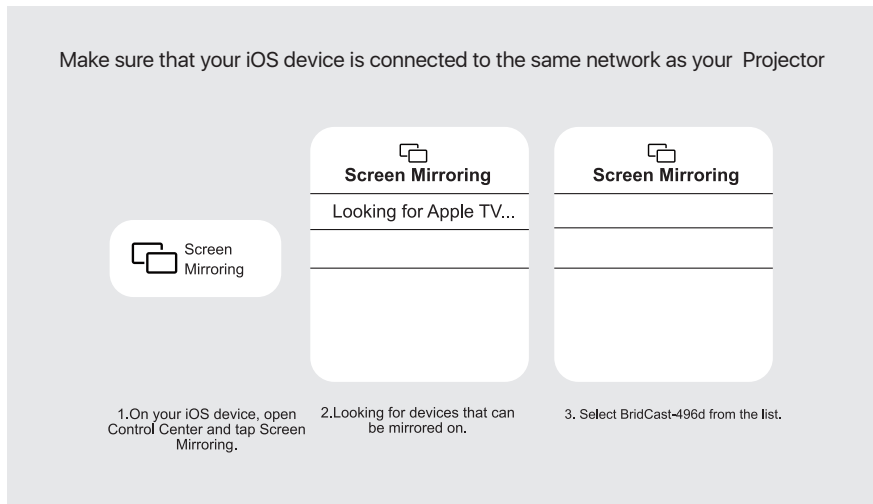
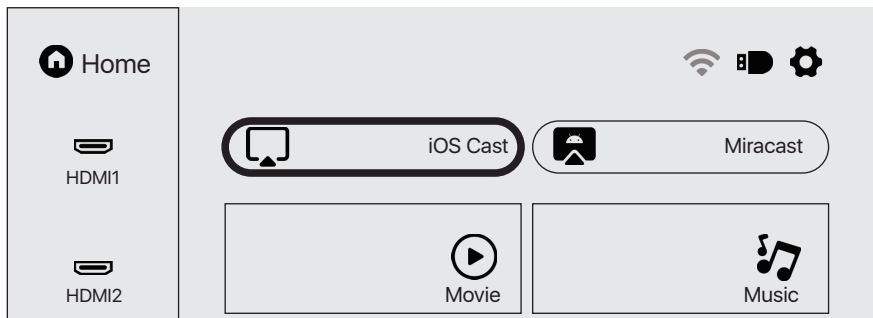
Use of the Projector

How to Use iOS Cast

In the main interface, select "iOS Cast", press the "OK" key on the remote control to enter the interface, and then set up in the order in the interface.

Note: The projector needs to be connected to the Internet for using the iOS Cast or upgrading the projector for the first time

1. The iOS device and the projector are connected to the same network
2. Open the control center of the iOS device and select Screen mirroring
3. Choose the corresponding projection device name.

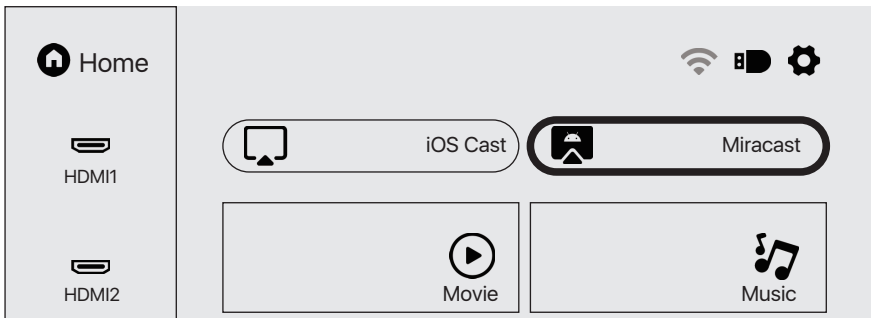


Use of the Projector

How to Use Miracast

Select "Miracast" in the main interface and press the "OK" key on the remote control to enter the interface, and then set up in the order in the interface.

1. Turn on the WIFI of the Android device. (It is recommended that the projector is connected to the same router or the WIFI of the Android device is not connected to any router).
2. Turn on the "Wireless Display" of the Android device.
3. Select the corresponding projector device name.

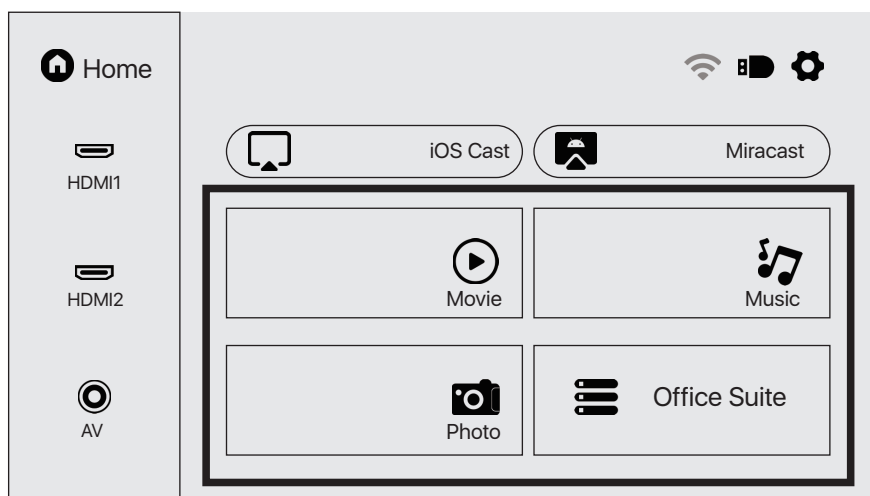


Use of the Projector

How to Play Files in USB Disk

Select the required category "movie", "music", "photo" or "Office Suite" in the main interface, and press the "OK" key on the remote control to enter the corresponding category.

Then find the file you want to play in that category, start playing by pressing "OK" key. (You cannot enter the required category without connecting a USB disk.)



Multimedia Format Supported

Video Format: MP4/VOB/3GP/TP/TS/MPE/F4V/DAT/WMV/MOV/FIV/TRP

Audio Format: MP3/WMA/M4A/MP2/AAC/OGG/WAV/FLAC

Image Format: BMP/JPG/PNG

File Format: TXT/EXCEL/WORD/PPTX



This model does not support any Dolby audio decoding due to the copyright of Dolby patent.

Troubleshooting

Problem	Possible Causes
1. The indicator light does not work when the power switch is turned on.	◎ Power cable is not connected properly
	◎ The power switch is faulty
2. The projector does not work on when using the remote control.	◎ The power switch is turned off
	◎ The remote control has no batteries or the batteries are low
	◎ The remote control is not being aimed at the IR receiver
	◎ The IR receiver is under strong lights.
3. No image.	◎ The input source may not be correct.
	◎ No input signal.
	◎ The input cable is not connected.
	◎ If under PC mode, the PC output frequency is not 50-60Hz. Make sure that the PC output is connected with the projector
	◎ If use laptop, check the output signal is HDMI1 or HDMI2
4. Auto-off.	◎ The projector ventilation is blocked.
	◎ The voltage is not stable.
	◎ The projector has overheated- check that the fan is not broken.

Specifications

Native Resolution: 1920x1080

Image Flip: 360°

Projection mode: Front-Desktop / Rear-Desktop /

Front-Ceiling / Rear-Ceiling

Aspect Ratio: 16:9 & 4:3

Lamp Type: LED lamp, 50,000 hours life

Image Size: 40-150 inch

Digital Zoom: 60%-100%

Working Voltage: AC100-240V/50-60Hz

Projector Size: 299×256×136mm

Net Weight: 3.9kg

Any changes or modifications not expressly approved by the party responsible for compliance could void your 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 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.

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.

RF exposure statements

1. This Transmitter must not be co - located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.



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