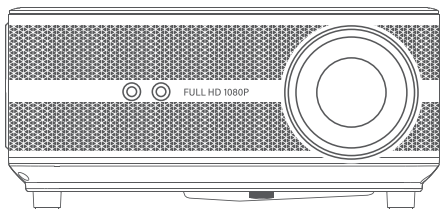


rubiQube

CRYSTAL 5500

INSTRUCTION MANUAL



Please read the manual carefully
before operating projector..

Contents

Important Safeguards	1
Accessories List	1
Projector Knowledge	2-3
Remote Control	4-5
Projector Installation	6
Standard Setting	6
Installation Method	7
Turn the Projector Operation On/Off	8
Use of the Projector	8
Image focusing	8
How to Use Projection Settings	9-11
How to Select the Source	12
How to Connect to WiFi	12-13
How to Connect to Bluetooth	14
How to Download the App	15
How to Read Files on the U Disk	15
Specifications	16
Multimedia Format Supported	16
Troubleshooting	17

Important Safeguards

Installation

- To have a better viewing experience, please use this projector with drawn curtains or in a dark room.
- Please use the projector carefully. Dropping or knocking it may damage parts or result in blurred images or abnormal display.

Power

- Be careful while using the power cord and avoid excessive bending. A damaged power cable may cause electric shock or fire.
- It is better to unplug the power cord after switching off the projector.

Cleaning

- Switch off and unplug the power cable at least 30 minutes before cleaning. Failure to do so could result in severe burns.
- Clean the shell regularly with a damp cloth. No abrasive alcohol-based cleaners should be used.
- Apply a small bit of optic lens cleaner to a clean and soft cloth, and lightly wipe in a circular motion.
- Clean the projector's vents and speakers regularly with a banister brush to avoid the ventilation system getting blocked.

High Temperature Attention

- The projector generates a large amount of heat during use. The internal fan disperses the heat when shutting down and may continue for a certain period.
- The projector lamp is extremely bright by design. To avoid damage to the eyes, do not look directly into the lens when the lamp is on.

*Warning

- Do not open the unit case as there are no user-serviceable parts in the unit. There will be a risk of electric shock, and the disassembling of the unit will affect the warranty.
- Do not put any liquid or heavy goods on the projector.
- Ensure that the intake vents do not recycle hot air from the exhaust vent.

Accessories List

Remote Control × 1

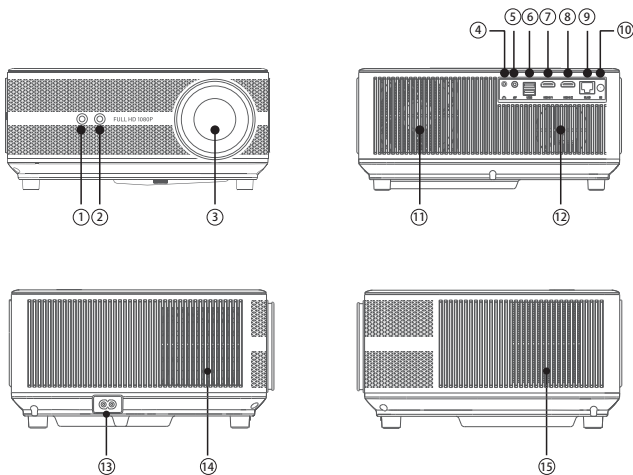
Power Cable × 1

User Manual × 1

Lens cap × 1

Projector Knowledge

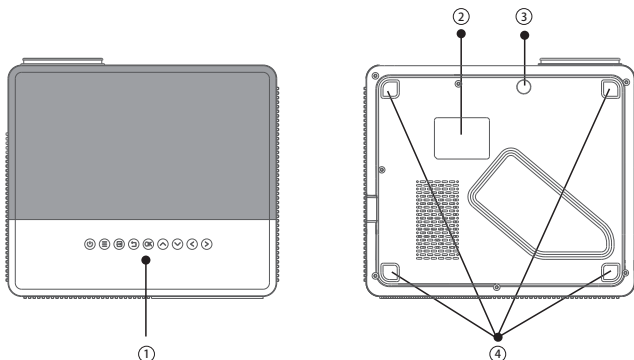
The projector can receive both HDMI and composite video signal. The projector also supports stereo audio input and output signals. Please refer to the following figure to connect the projector and other audio equipment according to your own needs.



1. Camera (only available in auto focus version)
2. IR Receiver
3. Focus Lens
4. 3.5mm port for Audio Output
5. AV Port
6. USB Port
7. HDMI 1 Port
8. HDMI 2 Port

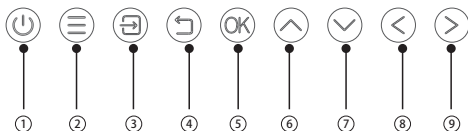
9. RJ45 Port
10. IR Receiver
11. Air Inlet
12. Speaker
13. Power Socket
14. Cooling Vent
15. Cooling Vent

Projector Knowledge



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

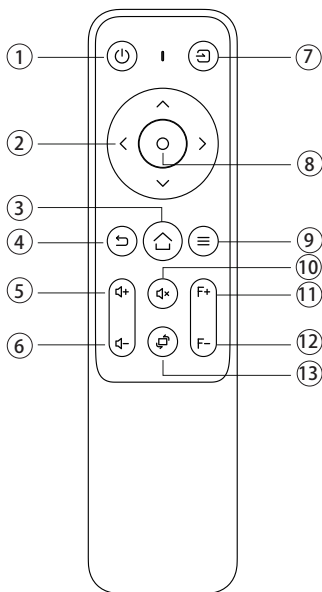
(picture 1)



- | | | |
|---------------|-----------|--------------|
| 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

IR Remote Control

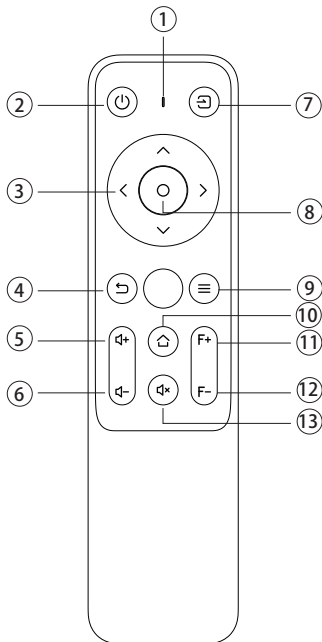


1. Power Key
2. Arrow Keys
3. Home Key
4. Return key
5. Volume +
6. Volume -
7. Source Key
8. Confirmation Key
9. Menu
10. Mute Key
11. Focus +
12. Focus -
13. Screen Flip

Remote Control

Bluetooth Remote Control

(Only available in Bluetooth remote control version)



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

Bluetooth Remote Control Connection Method

Open the Bluetooth settings (see page 14 for specific operations)

2. Long press "≡/⏏" key to enter pairing mode. Search for bluetooth devices, choose the RC name "RGExxx", and complete the connection.

Projector Installation

Standard Setting

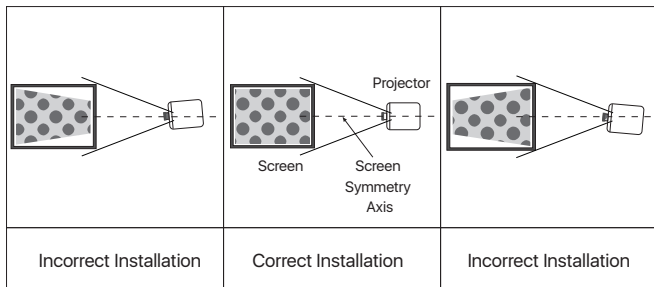
Please refer to the following table to adjust your picture size and distance (from the lens to the screen).

Aspect Ratio	16:9
Picture Size (inch)	Projection distance (m)
50	1.67
70	2.3
100	3.3
120	4
150	5

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

Warning:

Please check the diagram below for the trapezoid adjustment.

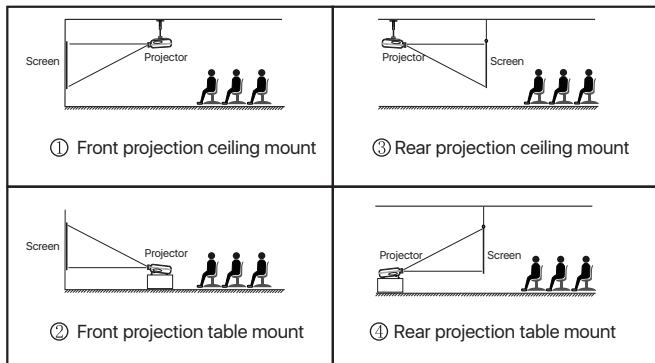


Projector Installation

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 0°C - 35°C . Projector malfunction may occur if this is not adhered to.
3. Malfunction may occur if the projector is subjected to dusty, damp, or smoky conditions.
4. Poor ventilation could cause overheating which could lead to damage to the projector as well as affecting the life span of the unit.

Turn the Projector Operation On/Off

When the projector is connected to a power source, the projector enters standby mode 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 the unit will enter the working state.

Operation off: In the working state, press the power key on the body or the power key on the remote control. The indicator will change from blue to red, and the projector will turn off.

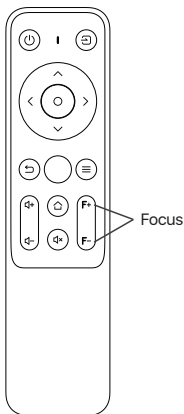
Use of the Projector

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).

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

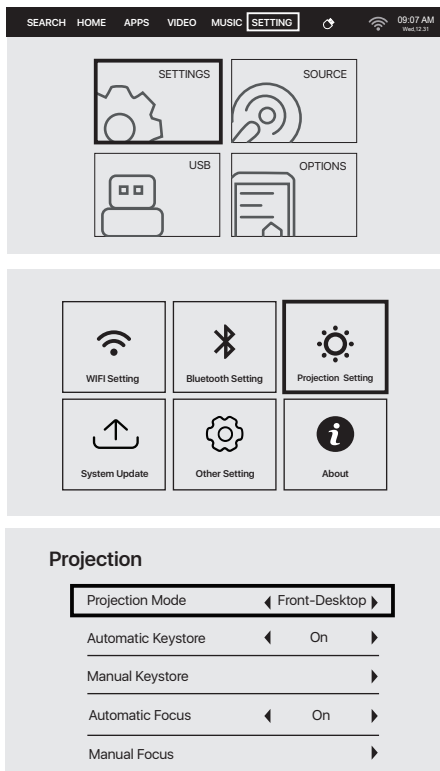


Use of the Projector

How to Use The Projection Settings

Select "SETTING" on the main interface. After entering the setting menu, select the mode you want in the projection settings.

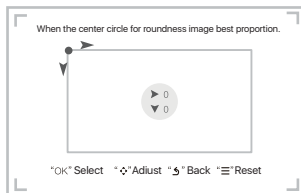
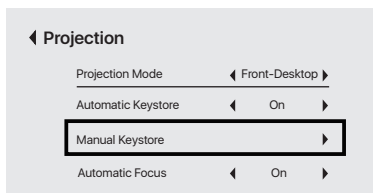
Projection mode: Front-Desktop / Rear-Desktop / Front-Ceiling / Rear-Ceiling



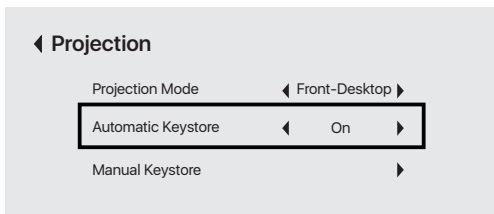
Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector

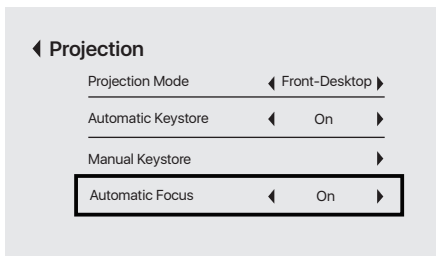
Manual Keystore: Manually adjust the four corners through the arrow keys until the screen can be corrected.



Automatic Keystore: When this function is enabled, the device displacement can keep the picture square.



Automatic Focus: This function is turned on by default, and the screen can be kept square even after the device is displaced.

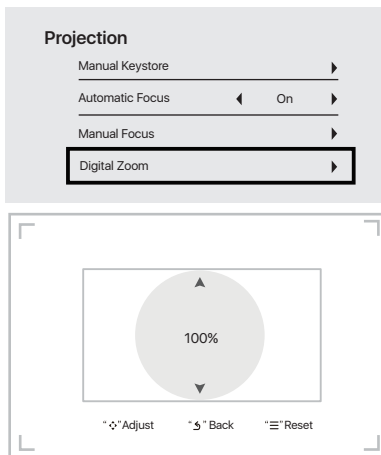


Note: Auto-Keystone and Auto-Focus functions are only available in the version with camera.

Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector

Digital Zoom: Zoom out or enlarge the image.

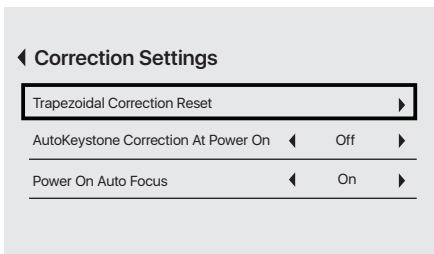


Correction Settings

Trapezoidal Correction Reset: This setting restores the screen to its original proportions.

AutoKeystone Correction: At Power ON, it can automatically adjust the square of the screen after booting.

Power ON Auto Focus: It can automatically adjust the picture to be clear after booting.

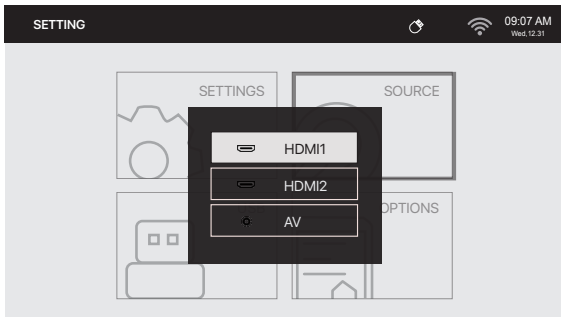


Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector

How to Select the Source

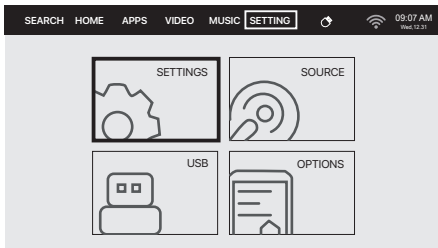
Press the signal source button on the remote control, select the source channel you want to input in the pop-up window, such as HDMI 1/HDMI 2/AV, and then press the "OK" button on the remote control to enter the corresponding source interface.



How to Connect to WiFi

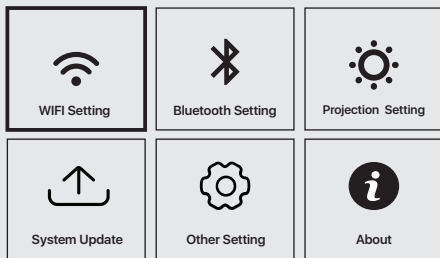
Select "SETTING" on the interface, and then select "WIFI Setting".

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.



Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector



◀ WiFi Setting

WIFI ON/OFF



GZRIGAL-C

TP

BMW

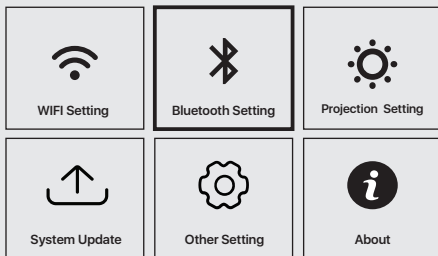
Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector

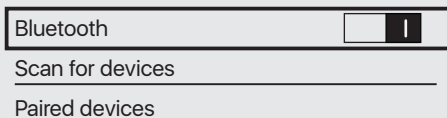
How to Connect to Bluetooth

Select "SETTING" on the interface, and then select "Bluetooth Setting".

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



◀ Bluetooth Settings

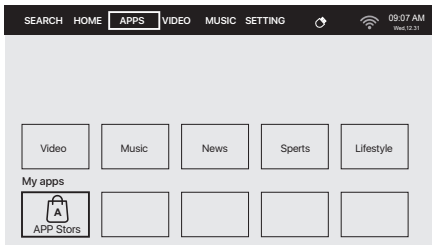


Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Use of the Projector

How to Download the App

Select "APPS" on the interface. After entering the interface, download the APP you need. Apps can be added through the "APP store".



How to Read Files on the U Disk

Select "SETTING" on the interface, and then select "USB".

After entering the interface, select your U disk, and find the file you want to view in the classification to play .



Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Specifications

Native Resolution: 1920 x 1080

Image Flip: 360°

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

Aspect Ratio: 16:9 & 4:3

Lamp Type: LED lamp, 20 000 hour lifespan

Image Size: 40 – 150 inch

Digital Zoom: 60% – 100%

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

Projector Size: 299 × 256 × 136mm

Net Weight: 3.9kg

Multimedia Format Supported

Video Format: 3GP/AVI/FLV/F4V/MP4/MOV/TS/M2TS/TRP/MKV/VOB/DAT/3GP
/MPEG/4K H.264/H.265 (≤30fps)

Audio Format: MP3/WAV/AAC/FLAC/OGG/W4A

Image Format: JPG/JPEG/PNG/BMP/GIF



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

Note: As the product system is updated from time to time, the specific operation content is based on the actual situation.

Troubleshooting

Problem	Possible Causes
1. The indicator light does not work when the power switch is turned on.	⊙ The Power cable is not connected properly.
	⊙ The power switch is faulty.
2. The projector does not turn 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.
	⊙ There is no input signal.
	⊙ The input cable is not connected.
	⊙ If in PC mode, the PC output frequency is not 50–60Hz. Make sure that the PC output is connected to the projector.
	⊙ If using a laptop, check the output signal is HDMI 1 or HDMI 2.
4. Auto-off.	⊙ The projector ventilation is blocked.
	⊙ The voltage is not stable.
	⊙ The projector has overheated- check that the fan is not broken.



The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.