



Projector-YG431

Service email: support05@cooau.com



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Warranty

Dear customer,
Thank you very much for choosing COOAU!

We offer a 3 year warranty and lifetime technical support for your projector.

Please read this manual carefully before using this projector. Many problems can be easily solved through settings.

If you have any problems that you cannot solve by yourself, please feel free to contact us. Email your order number and question to support05@cooau.com. After receiving your email, our professional projector engineers will help you solve the problem within 24 hours.

Warm Regards,
COOAU Service Team

Important Note

1. Power

Please strictly use safe circuits and power supplies to connect the projector.

2. Lens

Do not look directly at the projector lens while the projector is working, so as not to hurt your eyes.

3. Ventilation

Ensure ventilation to dissipate heat when the projector is used. Do not place the projector on items that may cause the vents to clog, do not cover the projector's vents with various cloths.

4. Use environment

This projector is not waterproof and should not be used outdoors when it rains. Keep it in a dry place to avoid moisture. Do not place water-filled vases or cups around the projector. Water entering the machine may cause electricity hazards.

5. Maintenance

To extend the life of the projector and protect your vision, we recommend that you turn off the projector for a break after 3-4 hours of use.

6. Dust-proof

If you do not use this projector for a long time, please unplug the power supply and remove the batteries to prevent battery leakage. Put them in a box or dust-proof bag to avoid moisture.

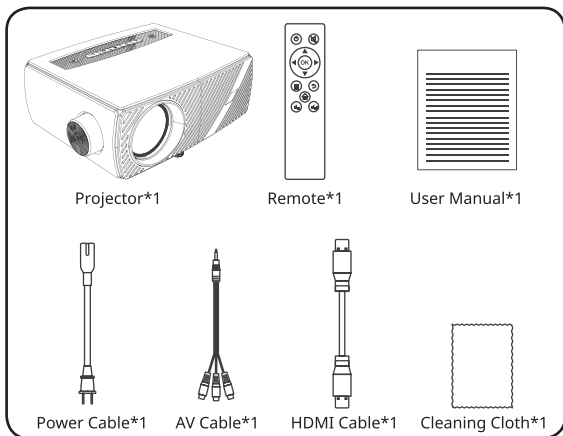
7. Anti-collision

When transporting this projector, please use the original foam or other shock-proof materials for transportation, try to avoid collisions that will damage the parts of the machine.

8. Repair

If you have any questions about using the projector, please send us an email, we will provide you with satisfactory service. Email: support05@cooau.com. Please do not disassemble the projector by yourself.

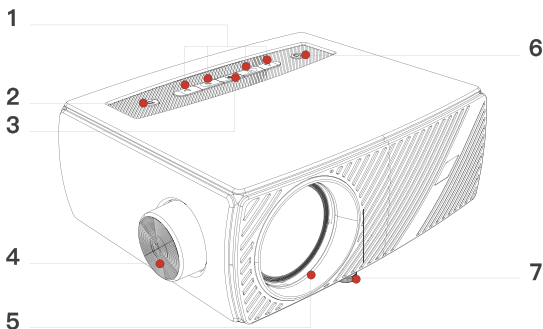
Package List

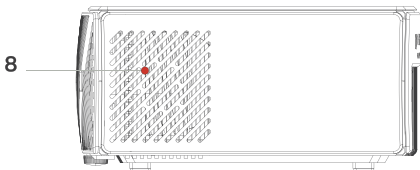


Projector Specifications

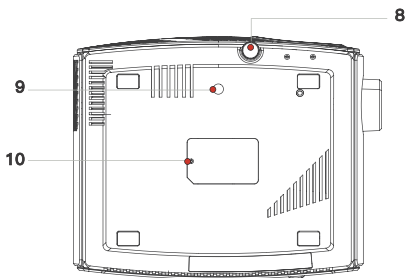
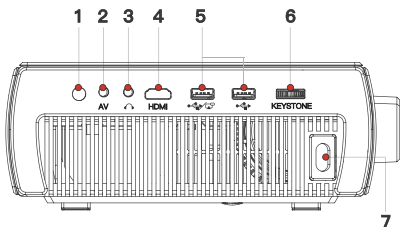
Model No.YG431			
Native Resolution	1920*1080P	Keystone Correction	±15° Manual
Display Technology	LCD	Light Source	LED
Light Uniformity	0.95	Aspect Ratio	Auto/4:3/16:9
Projection Size	42.5-176 inch	Projection Distance	1.3m-5m
Input Voltage:	AC 100V-240V	Working Temp	0-35°C
Picture File	JPG/JPEG/BMP/PNG	Port	AV/USB/HDMI/Headphone
Projection Method	Front/Rear on Desk, Front/ Rear on Ceiling		
Video File	MP4/MKV/WMV/RMVB/RM/AVI/FLV/TRP/VOB/3GP/DIVX/TP/TS/MPG/DAT		
Audio File	MP3/AAC/OGG/WAV/FLAC/DTS/WMA/M4A		

Projector Overview



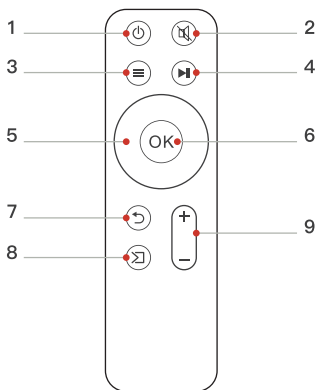


1	Arrow Keys	Move selection up/down/left/right. Adjust volume with the left and right keys when playing a video
2	Return	Back to previous page
3	OK Key	Confirm selection
4	Manual Focus	Rotate the button to adjust the sharpness of the image
5	Projection Lens	Do not look directly during use
6	Power Button	Turn on/off the projector
7	Adjustable Foot Pad	When you place it on desk, the adjustable foot pad on bottom of projector can help you to adjust the height of the projector
8	Exhaust Port	Exhaust port for heat dissipation. High temperature, please do not touch or cover



1	Signal Reception	Remote control signal reception
2	AV port	AV video devices connection
3	Audio port	3.5mm audio output connected to headphones or speaker devices
4	HDMI	HDMI devices connection
5	USB	USB interface connection
6	keystone correction	Correct the keystone distortion in the vertical direction ($\pm 15^\circ$) of the projected image
7	Power Input	Use the included cord to connect the projector to a power outlet
8	Adjustable Foot Pad	When you place it on desk, the adjustable foot pad on bottom of projector can help you to adjust the height of the projector
9	Projector Mount Hole	Fix with M6x6mm standard tripod screw hole and connect to the ceiling bracket
10	Bottom Cleaning Window	The cover can be opened to clean the lens dust. Do not open when cleaning is unnecessary

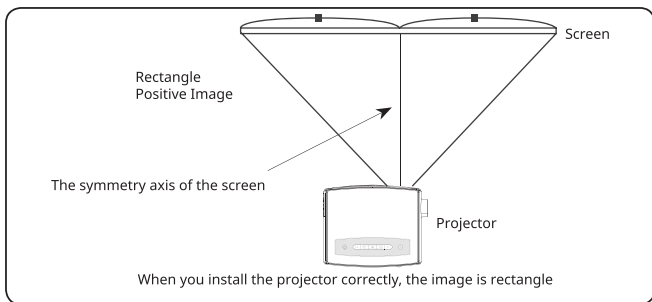
Remote Control



1	Power Key	Turn on/off the projector
2	Mute	Turn off/on the sound of the speaker
3	Menu	Adjust the settings about the projector
4	Pause / Play	Pause or resume the video
5	Arrow keys	Used to adjust the selection area when setting
6	OK Key	Confirm selection
7	Return	Return to the previous page
8	Signal Source	Select the signal source for the projection
9	Volume \pm	Increase or decrease the volume

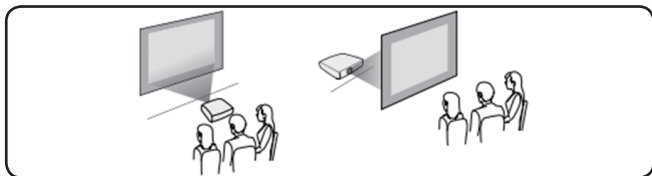
Projector Installation

■ 1. Installation Method

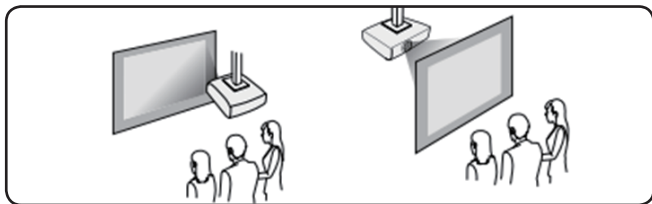


■ 2. Projector Placement

Table front projection ,Table rear projection



Ceiling front projection , Ceiling rear projection

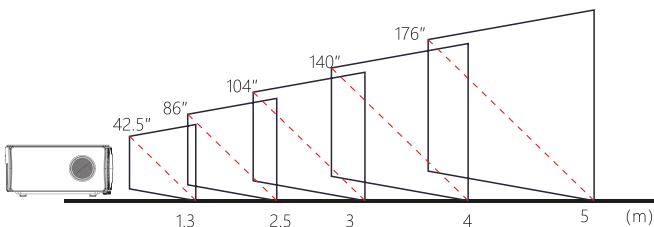


Note:

- When you install or move the projector, please notice the lens surface of projector should be parallel to the projector screen. And the incline angle of projector (up or down) should be in $\pm 15^\circ$, do not over the range of trapezoidal distortion function.
- Please select the applicable projection screen or white wall, otherwise it will affect the viewing effect.
- Do not turn on the power when installing the projector to avoid electric shock or malfunction of the projector's circuit.

■ 3. Distance and Size

Please follow the data in chart below, to adjust the image size and the distance. (Aspect Ratio: 16:9, Default)



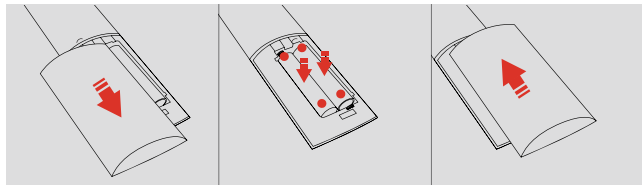
Distance(cm)	Screen Size(inch)
130	42.5 inch
250	86 inch
300	104 inch
400	140 inch
500	176 inch

The recommended viewing distance is about 1.3-5.0m (4.3-4.26ft).

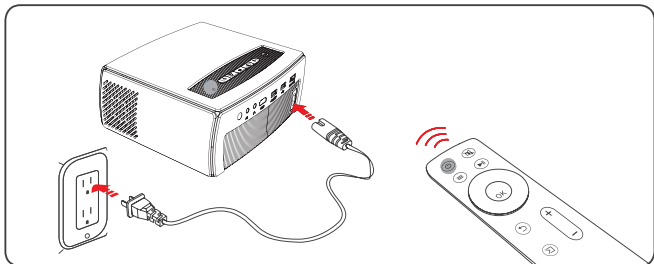
The image size depends on the distance between projector and screen, there may be 3% deviation among above listed data. Different settings cause various distances. Being too far or too close between the projector and the wall/screen, or the incorrect adjustment of the focus ring and Keystone may result in the poor image.

Start Projector

■ 1. Turn on the projector



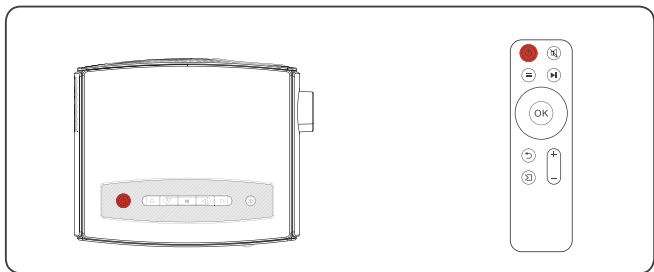
- A. Install two AAA batteries in the remote control before using.
- B. Connect the power supply and remove the lens cap. Press the power button on the projector or remote control to start normally. (Please keep the lens cover properly, it can protect the lens well)



Please check whether the power supply is well connected and whether the remote control battery is normal. If it cannot be turned on, please contact after-sales service to help you solve it.

■ 2. Turn off the projector

Press the power button on the projector or remote control to turn off the projector.



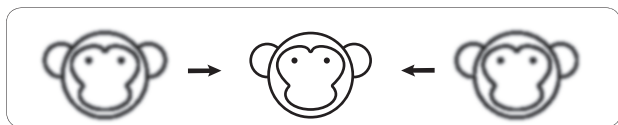
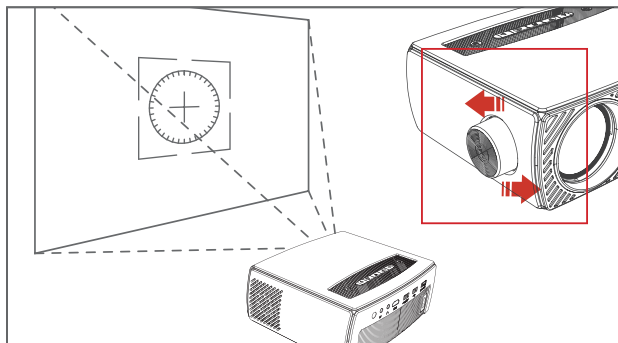
Projector Adjustment

When you turn on the projector first, it is normal that the image is blurred and tilted. Please do not worry. You can use the focus ring and keystone correction function to adjust the image, and also can change the projection distance to get a clearer image.

Please follow the below steps to correct:

■ 1. Focus Adjustment

Rotate the focus ring slowly. At the same time, check the resolution point carefully. The best focus point for the lens would be where the image most clear.



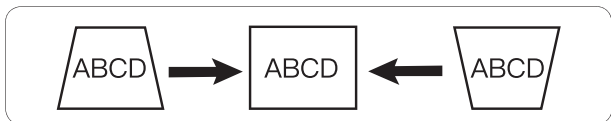
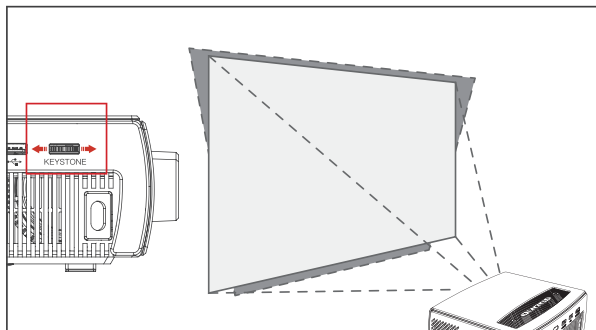
Note:

If it is still blurry, please try to adjust the projection distance. Being too far or too close between the projector and the wall/screen, or the incorrect adjustment of the focus ring and Keystone may result in the poor image.

■ 2. Keystone Correction

If the projected image is in a trapezoidal shape, please adjust the keystone ring to get a rectangle shape. Slowly move the keystone correction ring on the top of the projector until the image change to be square. The image can be adjusted up to $\pm 15^\circ$.

If the keystone is still by moving the keystone correction ring to the limit position, please shorten the vertical distance between the projector and the center of the projector screen. In the way of the table mount, you can change the projection angle by using the adjustable feet.



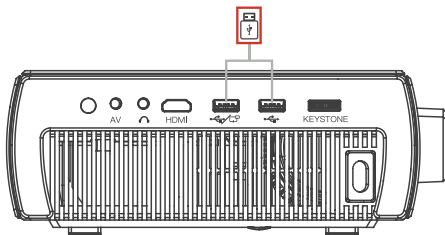
Note:

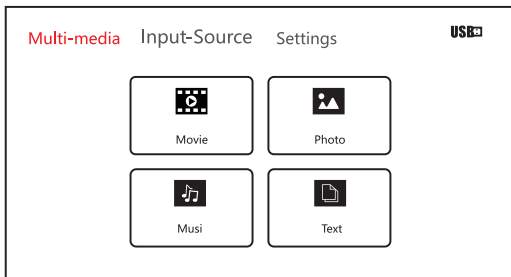
The projector has only $\pm 15^\circ$ vertical keystone correction, and no horizontal correction.

Multimedia Connection

■ 1. USB Interface Connection

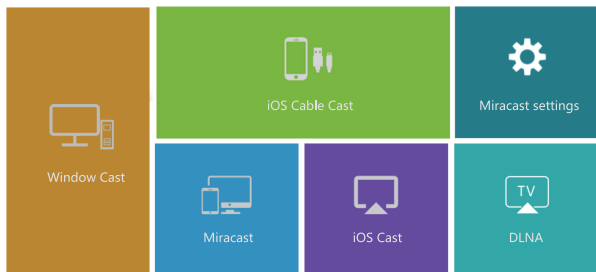
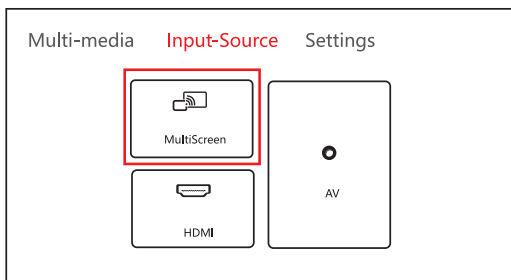
Insert the USB into the accordingly slot(refer to picture below). Choose "MultiMedia" signal source. Choose the content which you need display: Movie, Music, Photo, Text.





■ 2. Input Source

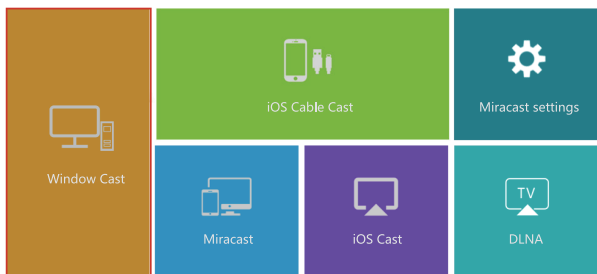
You can move to the right to select "Input Source". Use this function to wirelessly connect an iOS, Android system smartphone or computer to the projector to synchronize the screen.



2.1 Windows Miracast

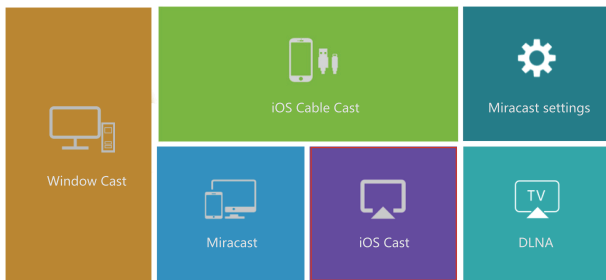
You can select "Window Cast" to project your computer screen.

- ① This function requires the computer to be connected to the same WiFi as the projector. Or the computer is connected to the wireless network that comes with the projector.
- ② Find the computer settings menu, select the projector device, and after completing the screen synchronization settings, you can project the computer screen.



2.2 iOS Miracast

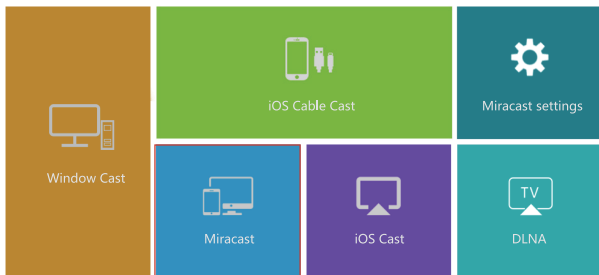
- ① You can select "iOS Cast " to project your IOS device screen.
- ② Make sure your iOS device and projector are on the same network. Or connect your IOS device to the wireless network that the projector sends.
- ③ Enter the Control Center of the IOS device terminal and click "Screen Mirroring".
- ④ Select the name of the corresponding projector.



2.3 Android Miracast

You can select "Miracast" to project your Android phone screen.

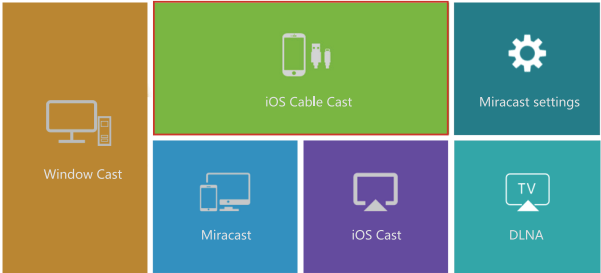
1. Select "Miracast" on the page. Select the screen mirroring setting function of your Android smartphone. Note: How to turn on the screen mirroring function depends on your Android smartphone. For details, refer to the operating instructions of your Android phone.
2. Select the corresponding projector device name. Note: Please make sure your phone and projector are on the same network. (The name of the projector is different, so please select the name of the projector you are using and connect it to your phone).



Note: The first time you use an Apple device for screen mirroring or projector upgrade software, the projector must be activated over the network.

2.4 iOS Cable Cast

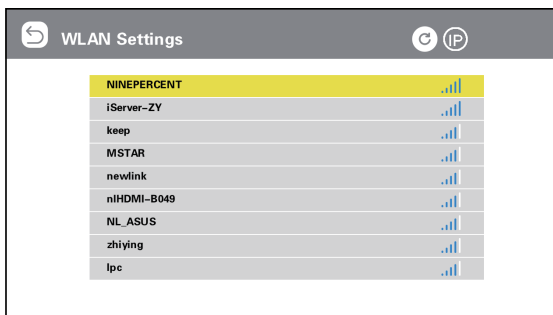
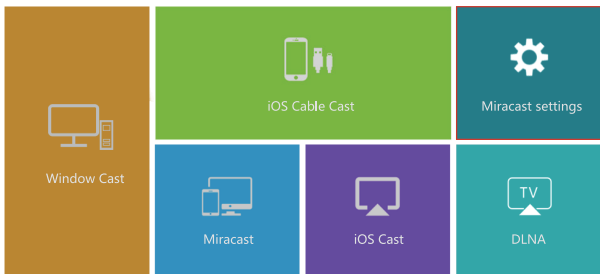
You can select "iOS Cable Cast " to project your IOS device screen via a data cable.



2.5 Cast Settings

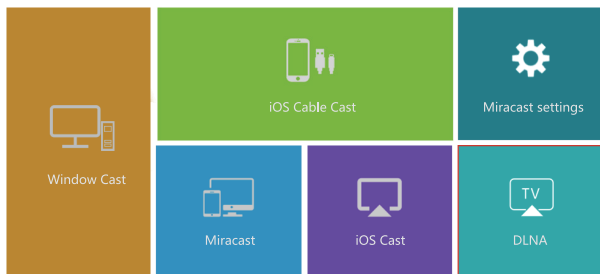
You can adjust the WiFi connection settings by selecting "Cast Settings" on the homepage.

Choose WiFi setting and connect to the WiFi you want to connect to.

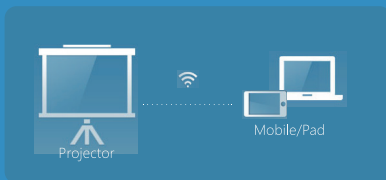


2.6 DLAN

When preparing a WiFi connection device, you can check the name of the projector.



DLNA

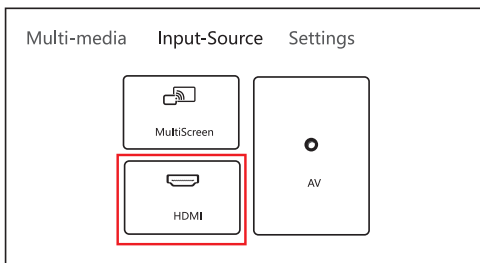
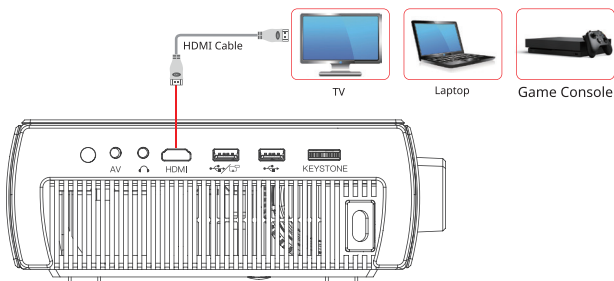


1. Open your video player software.

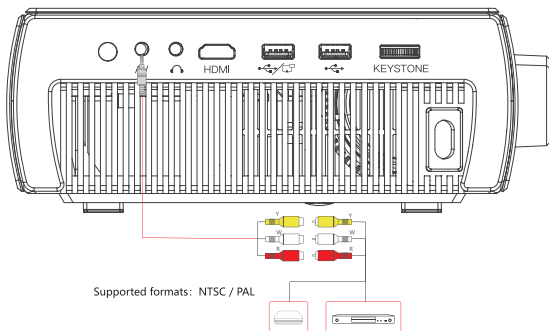
2. Click the TV icon and select the projection name.

Projector Name:

■ 3. HDMI Devices Connection

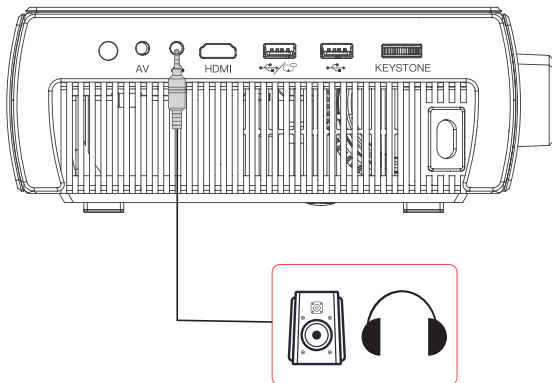


■ 4. AV Video Devices Connection



■ 5. Audio Device Connection

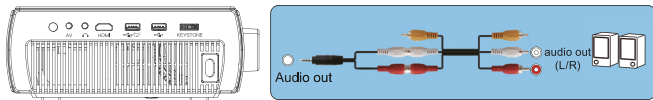
3.5mm audio output connected to headphones or other wired speaker devices



COOAU YG431 WiFi Projector has one audio port, but also support bluetooth function. There are two methods to connect the external speaker to this projector :

Method 1:

Step1: Use a aux cable to connect the sound bar to the projector.
Step2: Turn on the projector and the sound bar



Method 2:

Step1: Turn on the bluetooth speaker
Step2: Turn the Bluetooth of projector (Setup<Bluetooth<ON), the system will automatically identify the connection.

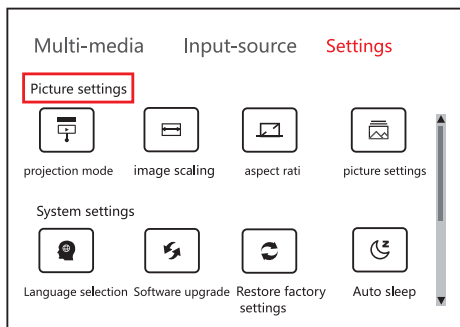
Note: The projector does support Dolby audio decoding.

■ 6. Setting

6.1 Picture settings

You can adjust the screen settings by selecting "Settings" on the homepage.

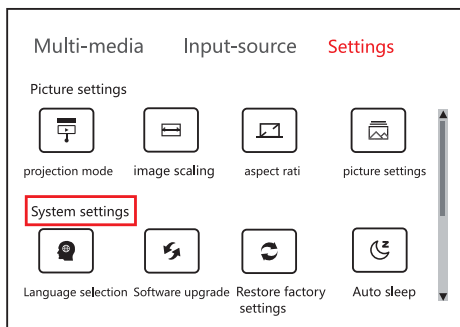
You can adjust the projection method, image scaling, aspect ratio, picture mode. Adjust the settings according to the usage environment of the projector.



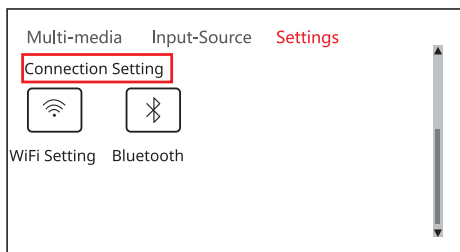
6.2 System setting

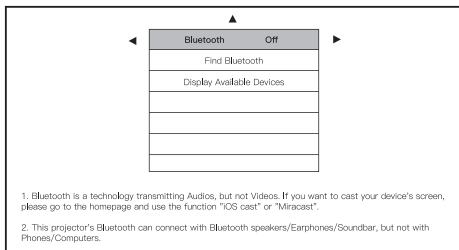
You can adjust the system settings by selecting "Settings" on the homepage.

You can adjust language, software update, restore factory, and automatic sleep.



6.3 Connection Setting





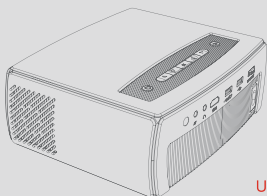
NOTE:

1. Please connect the bluetooth devices before using the "Screen Mirroring" function.
2. The bluetooth function is a bonus function, it is on market test process, it will not compatible with all bluetooth devices, hope to get your understanding. (You can also connect the external speaker by earphone jack).

Projector Cleaning

■ 1. Cleaning the Projector Case

Use a piece of dry, soft and lint-free cloth to remove dust or dirt.

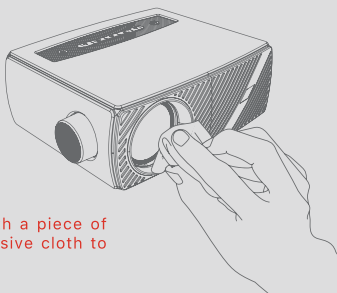


Use a piece of moistened and soft cloth with a little water and mild soap to remove stubborn dirt.



■ 2. Cleaning the Lens

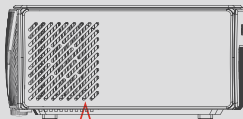
Gently wipe the lens with a piece of dry and non-abrasive cloth to remove dust or dirt.



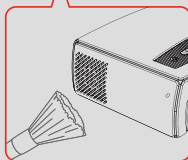
Gently wipe the lens with a piece of moistened and non-abrasive cloth to remove stubborn dirt.

■ 3. Cleaning the Vents

Use a soft brush or a special designed small vacuum to remove the dust.



Note: For cleaning process, do not spray any chemical liquid directly on any parts of the projector



Troubleshooting

Problems listed below might occur during the operation of your projector. Please refer to the possible factors which might cause the issue to do troubleshooting.

Please contact our after-sales service to solve any problems for you.

Email: support05@cooau.com

Problem	Solution
1. The projector has image but no audio?	<ul style="list-style-type: none">*The Projector or the connected device (PC, DVD, etc.) is muted*The audio format is not supported by the projector.*Encryption applied to the videos or media player which holds the video. Try more videos to define this possibility.*Exclude the above possibilities, try another HDMI cable /external speaker, and a 2.0 USB disk within 32G/USB hard disk within 1TB to play directly to check if the video and audio are both available.
2. The projector has an audio but no display?	<ul style="list-style-type: none">*The video format is not supported by the projector.*Encryption applied to the videos or media player which holds the video*If the lamp of the projector is off with only audio playing, the lamp is defective. Please message to support05@cooau.com for a replacement.*Try another HDMI cable if you select the HDMI input source
3. Why does the projection screen show no signal?	<ul style="list-style-type: none">*Make sure all cables are plugged correctly and firmly*Make sure you select the right input source. For example, if you plug the HDMI cable, please select HDMI in the interface of Input Source*USB 2.0 disk is supported on this projector. If a USB 3.0 is connected, it will only show No Signal.
4. How can I do if the image is blurry or out of shape?	<ul style="list-style-type: none">*Adjust the focus and keystone ring by moving it leftward/rightward till it shows the best images*Place projector on a flat surface horizontally or vertically. An inclination of any angle may result in blurry displays or uneven colors*Darker environment suggested achieving the best projecting performance*The eligible distance of 1.3m/42.5inch - 5m/170 inch between the projector and projecting screen/wall*Projecting wall or screen is clean white if possible.

5. How can I do if the projection screen is not square or allied horizontally?	<p>**Make sure the projector is placed on a flat surface with projector light in the middle of the screen.</p> <p>* Make sure the projector screen is placed horizontally.</p>
6. How can I do if there is color distortion?	<p>*Make sure the video source has a fine resolution.</p> <p>*Adjust the colors: enter Source- Image-Color or enter Play Interace-Setting-Color to select different modes and adjust the value accordingly.</p> <p>*Reset the projector to manufacturer setting: enter Setup-Advanced-Restore Factory Default to reset.</p>
7. The remote is unresponsive?	<p>*Make sure the batteries are installed correctly and the power is enough.</p> <p>*The remote works with the projector through the IR receiver. The remote works only when the IR receiver is within the direct reaction distance and will be unresponsive if the IR receiver is blocked or covered.</p>
8. There are small dots or black spots on display?	<p>*It may be caused during installing or shipping, please contact support05@cooau.com to get the details steps about how to clean it.</p>
9. Can this projector support 3D effect?	<p>*The projector supports 3D video source, and 3D viewing performance is achievable with Red-Blue 3D Glasses; but please understand the experience will not be better than in the theater and we do not recommend it if you have a higher expectation about 3D effect.</p>
10. Why doesn't the projector's lamp light up?	<p>*Please contact support05@cooau.com for assistance when this occurs.</p>
11. What kind of cable do I need when connecting TV BOX, Fire stick and DVD Player to the projector?	<p>*HDMI cable for all devices mentioned above. Certain DVD players require the AV cable connection.</p>
12. Why does some lag / jerky appear when playing video or play games?	<p>*Due to the technical bottleneck of the current LED projectors, most of projectors on the market cannot smoothly play 1080p/60fps videos. Hope you could understand.</p> <p>*Please change the 1080p/60fps to 1080p/30fps. If the problem cannot be resolved, please contact support05@cooau.com</p>



My Moment My Passion