

OmniStar L80

User Manual



www.casiristech.com

Please read this instruction carefully before using the product and keep it properly

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FCC WARNING STATEMENT

FCC Statement

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.
- (3) The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes 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 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 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.

Warning:

The device has been evaluated to meet general RF exposure requirements.

RF Exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

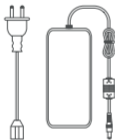
PACKING LIST



Projector



Remote control



Power Cable



User Manual

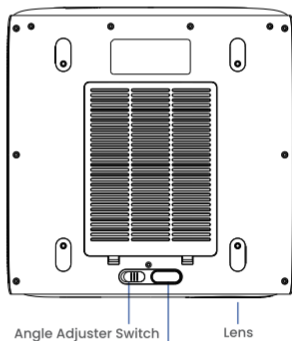
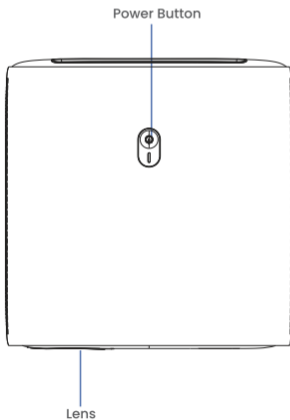
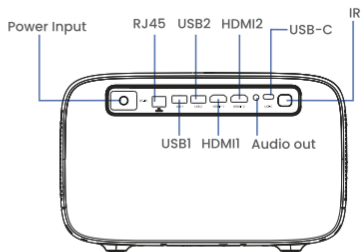
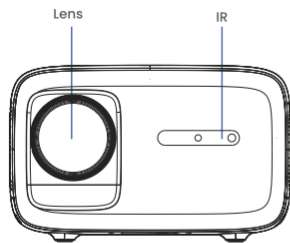
NOTICE



NOT Recommended



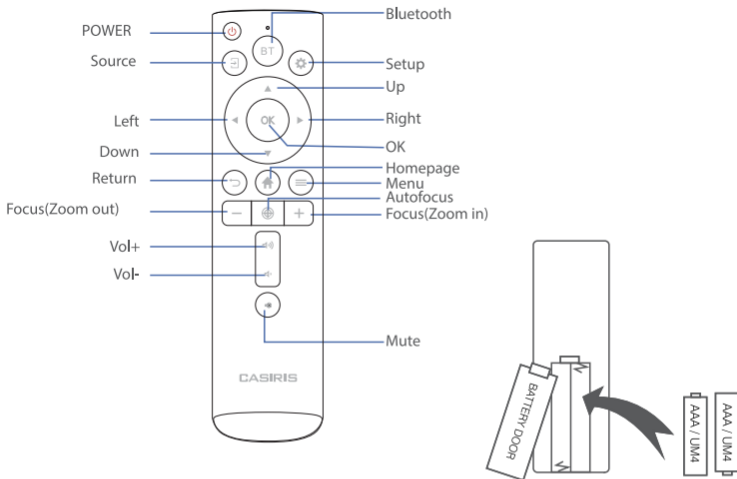
FUNCTION OVERVIEW



Angle Adjuster

Adjust the angle adjuster to fine-tune the display angle to a higher position

REMOTE CONTROL



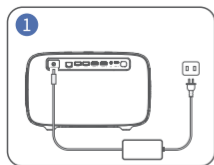
BATTERIES STATEMENT AND NOTICES

Remove the battery compartment cover on the back of your remote by carefully sliding to open. The battery cover can then be lifted away. Fit the correct batteries, referring to the polarity markings. Finally, replace the cover.

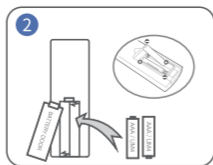
NOTE:

- When you receive the product and find that the batteries of the remote control is swollen or softened, please do not use it before you change it.
- Batteries shall not be exposed to excessive heat such as sunshine, fire.
- Make sure that the batteries are installed polarity correctly.
- Only same or equivalent type batteries as recommend are to be used.
- Do not dispose of batteries in fire, battery may explode or leak. Do not try to recharge a battery.
- Do not mix old and new batteries.
- Do not mix alkaline, standard(carbon-zinc), or rechargeable (ni-cad,ni-mh,etc) batteries.

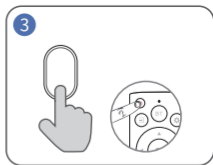
QUICK START



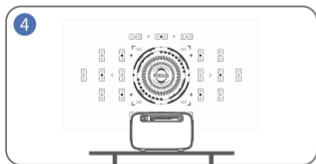
① Plug the power cord into an outlet



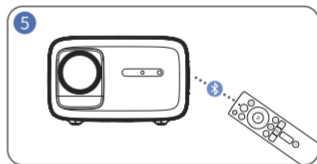
② Install batteries in the remote control



③ Turn on
Press the Power Button to turn on the projector



④ Automatically focus to adjust the picture clearer



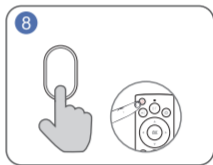
⑤ Connect your remote control to the projector via Bluetooth



⑥ Connect to the Network



⑦ Back to "home" interface, select the video platform you want to log in



⑧ Turn off
Press the Power Button and choose **Yes** to turn off the projector

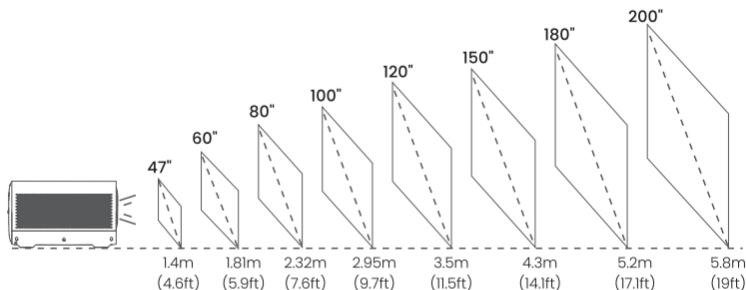
Tips:

1. To prolong the lifespan of the projector, we highly recommended unplug the power cable completely after each use, especially during a long time of no use.
2. After the projector is plugged into the power supply, it takes 10 seconds for the system to detect power on, so please wait for 10 seconds before pressing power to turn it on.
3. The bottom of the machine is the air inlet, please do not place the machine on items such as towels.

PROJECTION DISTANCE & SIZE

The recommended projection screen is around 100–120 inches with a distance of around 9.7–11.5ft.

To improve the clarity of your projected images, it is recommended to create ambient darkness and use a high-quality project screen. These factors work together to provide a visually stunning and immersive viewing experience.



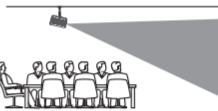
PROJECTION MODE

If you want to hang the projector to the ceiling, a projector mount will be needed.

If you want to project in different way, please select corresponding mode in the setting page.



FRONT TABLE



FRONT CEILING



REAR TABLE

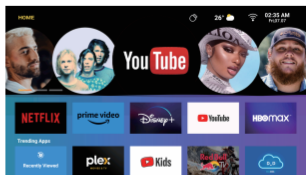
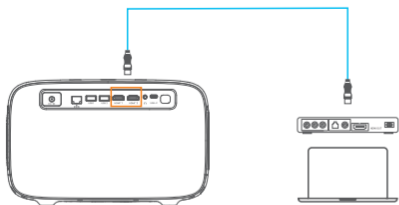


REAR CEILING

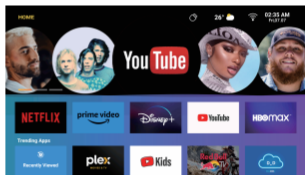
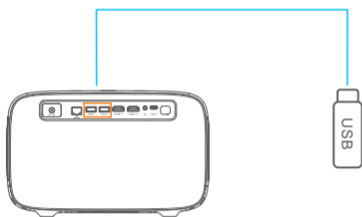
INPUT SOURCE

Press  on the remote to enter the interface of the Input Source.

A. HDMI Connection



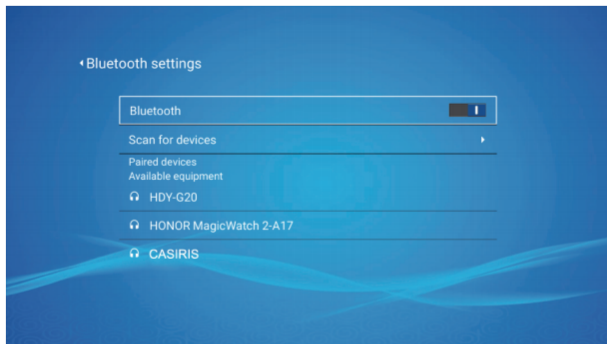
B. USB Connection



BLUETOOTH SETTING

A. Bluetooth Setting

1. Go to **Set up** > **Bluetooth Setting**
2. Turn the Bluetooth Connection on and search for nearby Bluetooth devices.
3. Choose correct Bluetooth device to connect.



NOTE:

1. Due to compatibility issues with the Bluetooth protocol, some brands of Bluetooth speakers may not support connection to our projectors. If you have such an issue, feel free to let us know.
2. If you want to connect your headphone/ speaker to an audio port, please disconnect the Bluetooth audio device from the projector first.

B. Bluetooth Remote Control

1. Go to **Setup** > **Bluetooth Settings** > **Bluetooth (On)** > **Scan for device**
2. Place the remote control close to the projector, press and hold the "LEFT" and "RIGHT" on the remote control until indicator light flashes quickly and show up "BT- Remote Control" and choose "BT-Remote Control", enter OK button.
3. After being connected, the operation of the remote control will be more sensitive and the coverage will be wider.



Two Working Modes of Remote:

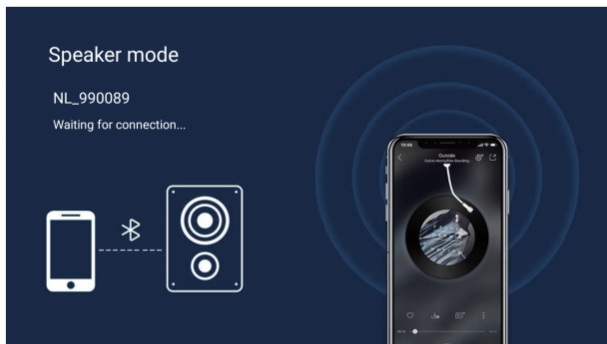
1. **The Bluetooth control:** rare in the market, once connect the remote control to the projector via Bluetooth, it's no longer limited by the sensing area, which is more sensitive and convenient to use. (Recommend)
2. **Common IR sensing:** need to point at the IR window of the projector and operate within the IR sensing range.

Note:

- ① After the Bluetooth remote control is connected, the other Bluetooth audio devices can also be connected without conflict.
- ② Please keep the projector's Bluetooth ON to ensure the Bluetooth remote can connect and work as normal.

C. As A Bluetooth Speaker

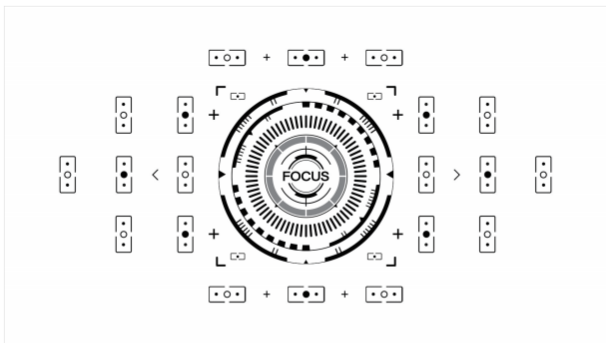
Press **BT** button on remote control, select **Bluetooth Speaker** , and the projector can be used as a Bluetooth speaker.



PROJECTION SETTINGS

A. Auto Focus

By default, the auto focus mode of the projector is enabled, allowing it to quickly detect and adjust to the optimal clarity of the screen when it is turned on.

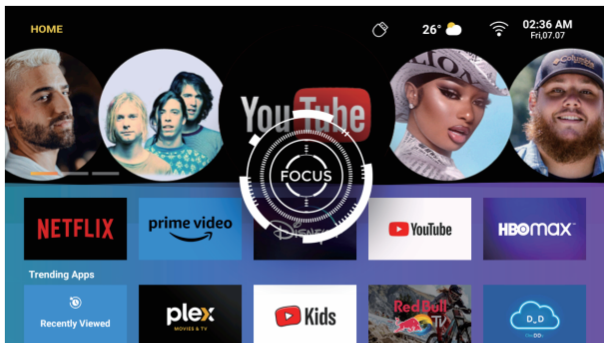


NOTE:

- ① Go to **Set up** > **Projection Settings**, you can turn off/on the auto focus function.
- ② Even after the projector has completed its autofocus, you can still manually focus to refine the picture clarity to your preferences. This gives you complete control over the image quality, ensuring that it meets your exact standards.

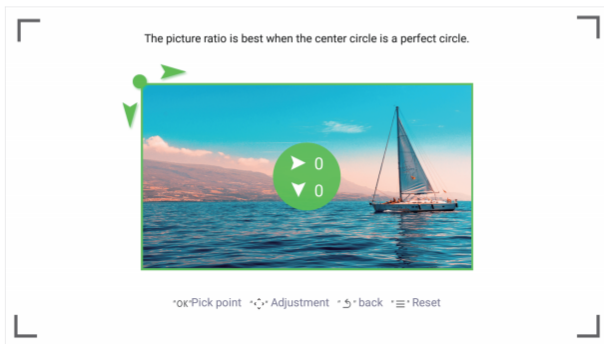
B. Manual Focus

1. Press - button and + button to adjust the picture clarity.



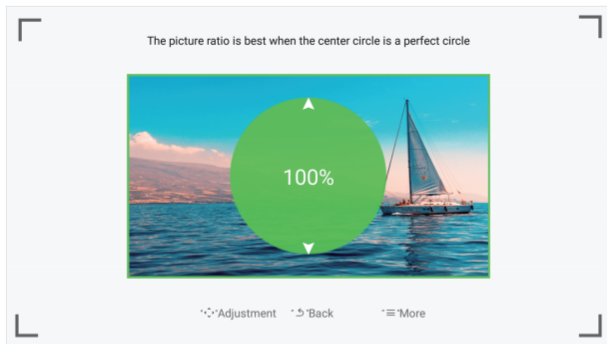
C. 4 Points Keystone

1. Go to **Set up** > **Projection Settings**
2. Choose **Four Points Correction**
3. Press **Direction Buttons** to adjust the position, Press "OK" button to jump to the next corner adjustment, and when the circle in the center is a perfect circle, the screen ratio conforms to the system settings.



D. Digital Zoom

1. Go to **Set up** > **Projection Settings**
2. Choose **Digital Zoom**
3. Press **Down button** ∇ to Zoom out (100%-70%) and **Up button** \wedge to Zoom in (70%-100%).



WIFI CONNECTION & SCREEN MIRRORING

WIFI CONNECTION


1. Go to **Homepage** > **Setup** > **WIFI Setting**
2. Turn the WIFI **ON** and search the WIFI list by "Add WIFI"
3. Select your WIFI then enter password to connect

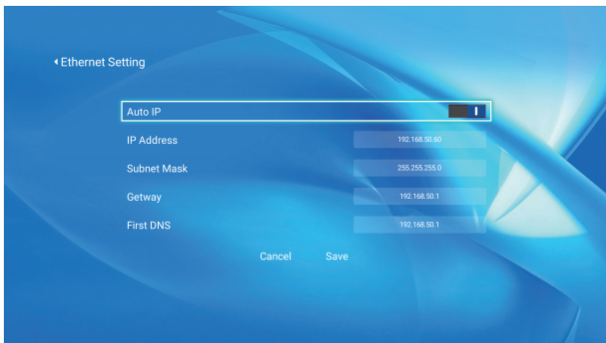


NOTE:

If you need screen mirroring, the speed of your home network is directly related to the smoothness of video play. Please make sure that the network is good to have a smoother playback.

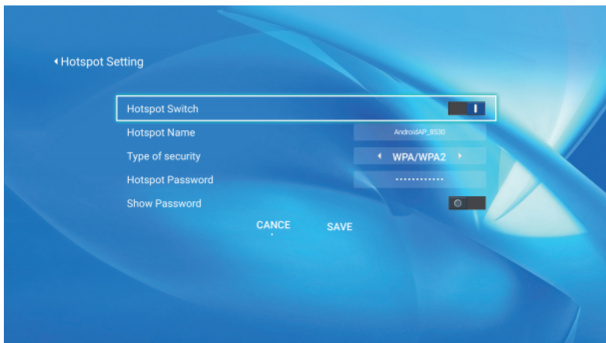
WIRED CONNECTION:

1. Go to **Homepage** -> **Setup** > **Network** > **Wired Setting** > **Ethernet Setting** > **Auto IP (On)**
2. Insert the wired cable into the LAN interface  of the projector to use the wired network



Hotspot Connection:

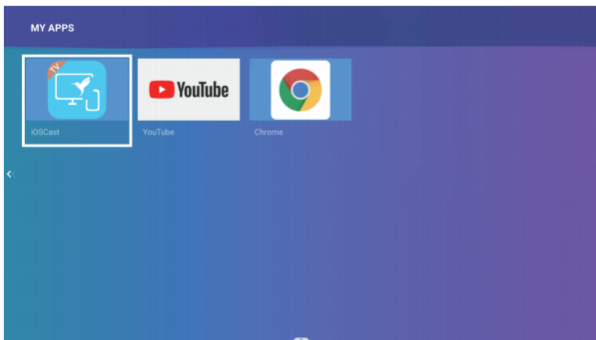
1. Go to **Homepage** -> **Setup** > **Network** > **Hotspot**



SCREEN MIRRORING

IOS CAST (For IOS System)

- 1.Go to **Homepage > Screen Mirroring > IOS Cast** to show the below page
- 2.On your iOS open control center and tap Screen Mirroring
- 3.Looking for device that can mirrored on
- 4.Select BirdCast-XXXX from the list to connect



NOTE: Please make sure the projector and your iOS device are connected to the same Wi-Fi. If there is no Wi-Fi, please open a hotspot on your iOS device and connect the projector to it.

Android CAST (For Android System)

- 1.Go to **Homepage > Screen Mirroring > Android Cast** to show the below page
- 2.On your Android device launch the Multi-screen/Wireless Display/Screen Mirroring/Smart View Function.
- 3.Looking for the device that can be mirrored on
- 4.Select BirdCast-XXXX from the list to connect



NOTE:

- 1.Please remember to open the Wi-Fi function on your Android device. But not necessary to connect to any Wi-Fi router.
- 2.When you If there is no Wi-Fi, please open a hotspot on your iOS device and connect the projector to it.

CEILING INSTALLATION

How to Mount a Projector on the Ceiling?

Mounting a projector on the ceiling is a great way to make your home theater or presentation space look professional and save valuable floor space. Follow these steps to mount your projector securely.

Tools you'll need	1. Mount	5. Screwdriver
	2. kit Ladder or step ladder	6. Tape measure
	3. Drill	7. Pencil (for marking)
	4. Wrench or Allen wrench (depending on the mount)	

Note: None of the above tools are included in the accessories, and you need to purchase a ceiling mounting bracket separately.

Step 1: Determine the position of your projector to the screen

Position your projector and screen so that the throw distance is sufficient for your needs. The lens should be between the upper third and upper half of the screen for optimal picture clarity. Mark the position with a pencil.

Note: Ensure there are no obstructions blocking the projector's beam, and that there is an available power socket nearby.

Step 2: Attach the mount to the projector

Flip the projector upside down and attach the mounting bracket according to the instructions included with the mount.

Step 3: Attach the mount and projector to the ceiling

Ensure the mounting bracket can attach along a ceiling joist, then make marks for screw holes and drill preliminary holes. Use suitable screws to securely fasten the bracket to the ceiling. Check that it is securely fastened to the ceiling by trying to wiggle it around.

Step 4: Aligning the projector

Adjust the zoom, focus, pitch, and yaw of the projector as necessary to ensure a properly aligned image with the screen.

Step 5: Connect Power

Please plug in the power cord to both the projector and a nearby power outlet. Once the connection is confirmed, turn on the projector to test the connection.

Step 6: Final adjustments

Make any final adjustments to the image and lock down the mount to prevent movement.

By following these steps, you can create a stunning and functional projection system.

SPECIFICATION

Display Technology	LCD
Light Source	LED
Resolution	1080P
Input Signal	HDMI / USB /USB-C
Aspect Ratio	16:9
Focus	AUTO/Manual
Keystone	AUTO + 4P/4D + Manual
Speaker	2*15W
Bluetooth	Version 5.0
Power Input	100-240V
Power Output	240W
Photo Format Supported	JPEG/PNG/BMP/GIF
Audio Format Supported	mp3/wav/asf/wmv/divx/mkv/3gp/mp4/mov/m4a/ts/trp tp/mpeg/mpg/vob/dat/mka/eac3/webm/ac4/mts/m2ts
Video Format Supported	mkv/webm/mp4/mov/3gp/ts/trp/tp/mpeg/mpg/vob dat/asf/wmv
Operating Temperature	0°C ~ 38°C / 32°F ~ 100.4°F
Storage Temperature	-20°C ~ 45°C / -4°F ~ 113°F
Temperature Protection	Over 80°C temp auto-shutdown
Ports	HDMI1 / HDMI2 / USB1 / USB2 / USB-C / RJ45 / 3.5mm Audio
Unit Dimension	28.2*28*16.9 cm
Unit Net Weight	4.08KG/9LB

TROUBLE SHOOTING



Remote control not work?

- Make sure the batteries are effective and installed in the correct way.
- Make sure the remote control has connected Bluetooth.

A



Blurry Image?

- Manual focus to get the best image.
- The quality of the projection screen will also affect the image quality. Recommended to use it on a white wall or a better quality screen. Not suggest to use it on a thin white gauze screen, which will reduce the image quality.

A



No Sound?

- The mute button on the remote was be pressed accidentally.

A



Automatic shut-down?

- Overheating protection. Please use in a ventilated environment.
- The bottom of the projector is the air inlet, please do not put the projector on the towel to use.
- It is recommended to unplug the power supply after use to prolong the service life.

A



Upside down image?

- Please enter "Projection Mode" to select the corresponding mode.

A



Video can not be mirrored or cast?

- Due to copyright restrictions, some videos cannot be mirrored or projected.
- The cast function only supports the built-in APP application of the projector.

A



Black spot on the screen?

- Wipe the lens with dry and clean cloth to remove dust on the lens.
- Slap the top, left, and right sides of the machine several times with a little force to remove the dust inside the lens.

A



Missing accessories?

- If the device is damaged or any accessories missing, please contact our after-sales department for help.

A

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This manual is subject to update without prior notice.

**You can check the latest version on CASIRIS official website.
www.casiristech.com**

If you have any questions or suggestions about the manual, please contact us by email.
Service@casiristech.com

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