Smart Projector

User Manual

BEGINNING WORDS

First of all, thank you for your support!

You can fully understand the use and operation of this product by reading this manual.

This hand-held projection equipment is small, portable and powerful, which is specially designed for household, entertainment, business and other application environments. It allows you to enjoy the fun of large screen display anytime and anywhere, and you are welcome to share the fun and ideas of using it with us.

If you have any questions about this product, welcome to contact our professional after-sales service personnel, we will provide you with cordial service.

Caution ⚠

To prevent electronic shock, please do not open the housing. There's no parts can be repaired inside by customer. Please ask for professional staff if repairing is needed.

Warning ⚠

To prevent fire or electronic shock, please do not put the device into rain water or humidity.

Warning ⚠

Warning: In a residential environment, running this device may cause Radio jamming.

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IMPORTANT SAFETY PRECAUTIONS

Important: In order to get the best viewing effect, it’s suggested that you use the product in a dark room.

Warming: Following safety instructions can sustain product’s lifespan and prevent it from firing or electric shock, so please read them carefully and pay attention to all warnings.

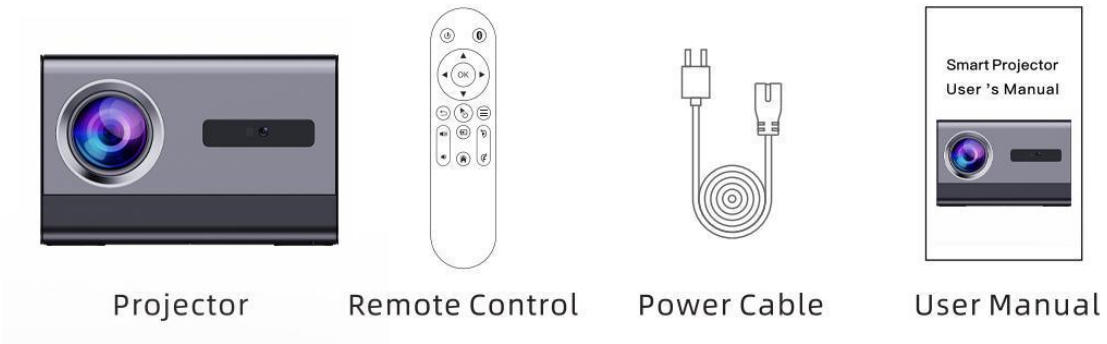
Do not install it in a place with poor ventilation.
Do not install it in a hot or damp place.
Do not block its ventilation holes (Intake or Exhaust).
Do not install it in a dusty or smoky place.
Do not install it near to the temperature/smoke sensor since it might take the sensor fail to work.
Do not install it in a position directly blown by air condition. Otherwise it might be malfunctioned because of the water & vapour condensation or high temperature.
Note: In order to maintain the performance and reliability of the projector, please leave at least 30cm of space around the projector.

Do not install in an unventilated area.
Do not install in high temperature and humidity.
Do not settle the bottom in a soft place.
Stay away from the dust.
Do not install near temperature or smoke sensors.
Do not install near air conditioning vents.

Note: The projector’s light is very bright, so please do not look at it directly or point its light to your eyes in case of causing visual damage.

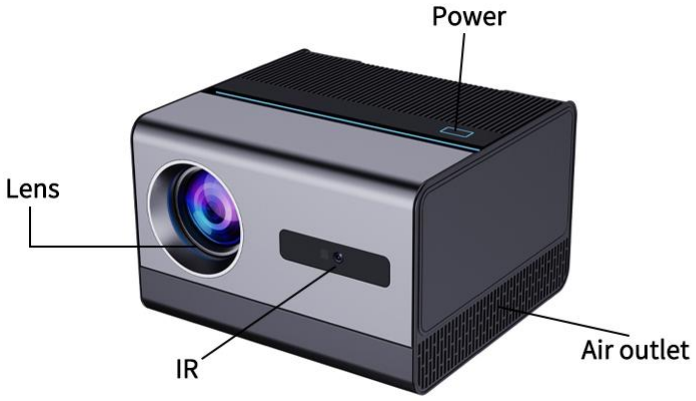
PACKING LIST

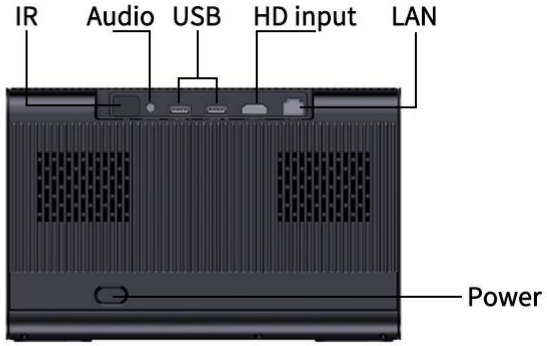
Note: Please check whether the accessories are complete after opening the package. If it’s not complete, please contact customer service for a replacement.



PRODUCT INTRODUCTION

PRODUCT STRUCTURE

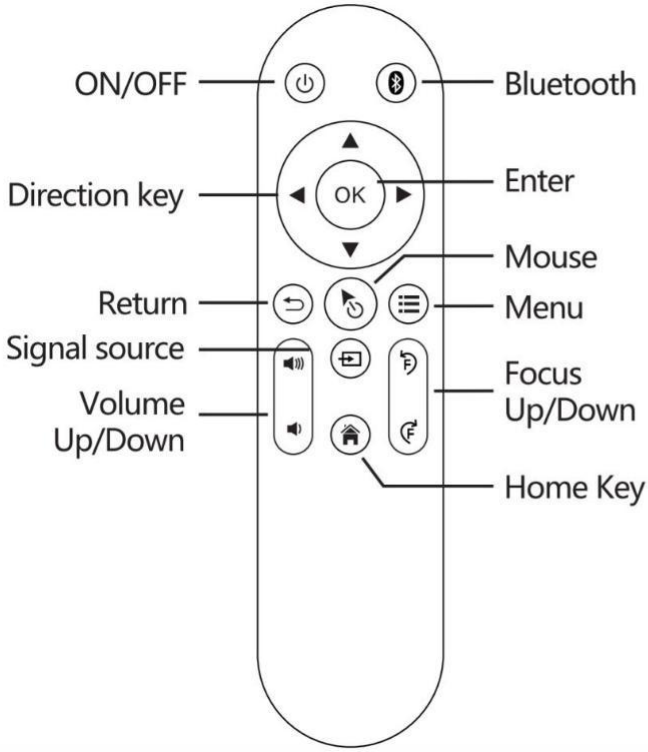


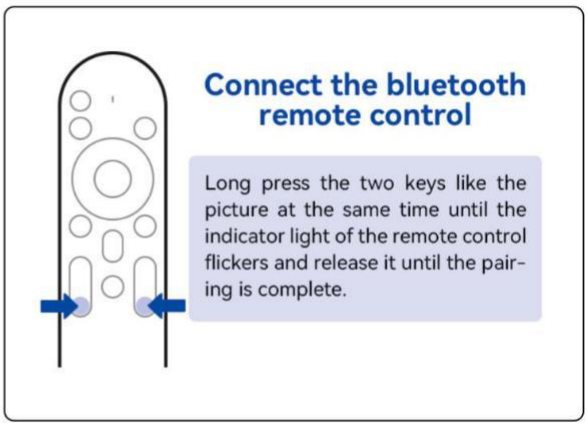


Warning:
Do not cover the air outlet when using, so as to avoid equipment damage caused by overheating of the device.

REMOTE CONTROL

Please install 2 AAA batteries before using, and then aim at the infrared receiving window of the device to operate the remote control.





***Bluetooth Remote Control Connection Pairing Method:**
1. After turning on the projector and connecting it to the internet, click the **Bluetooth** button on the remote, and a Bluetooth connection window will pop up on the projection interface.
2. Please make sure that the distance between the remote control and the projector is within 1 meter. Then long press the "**Volume Down**" key and the "**Focus Down**" arrow key at the same time and hold for 3 to 4 seconds.
3. The screen will show scanning xxxxxx after a few seconds and the light of the remote control will flash continuously. When it shows "S**canning TXCZ_RCM**" on the screen, it means that the Bluetooth remote control connection has completed.

Note: If the Bluetooth connection fails, please try the above operations again.

*** How to Fully Navigate on Netflix by Bluetooth Remote Control?**
1.After finishing the Bluetooth remote control connection, you can go to the Netflix app and press the "Virtual Mouse" button to activate the virtual mouse's body sensing function .
2.Long press the "OK" button on the remote and move your hands to up/down/left/right to choose the corresponding contents for playing and fully navigate on Netflix.

Note: The Bluetooth virtual mouse function can also be used to all apps which need a mouse to fully navigate. Common apps include Netflix, Disney+, WPS etc.

Be cautious when using the remote control. Do not drop it, trample on it, or spill any liquid into its body.
Do not put the remote control near to any heat source.
Do not expose the remote control under sunlight.
Do not put the remote control in a damp place.

INSTALLATION AND DEBUGGING

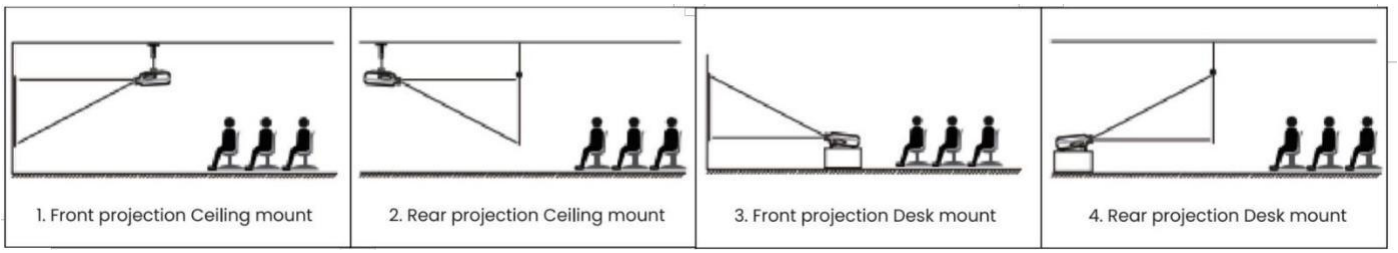
1. Projector Installation

Method 1: Put it horizontally
Method 2: Hang it with mount

Note: When the projector is hung on the ceiling or in a system of rear projection, please change the projection mode accordingly.

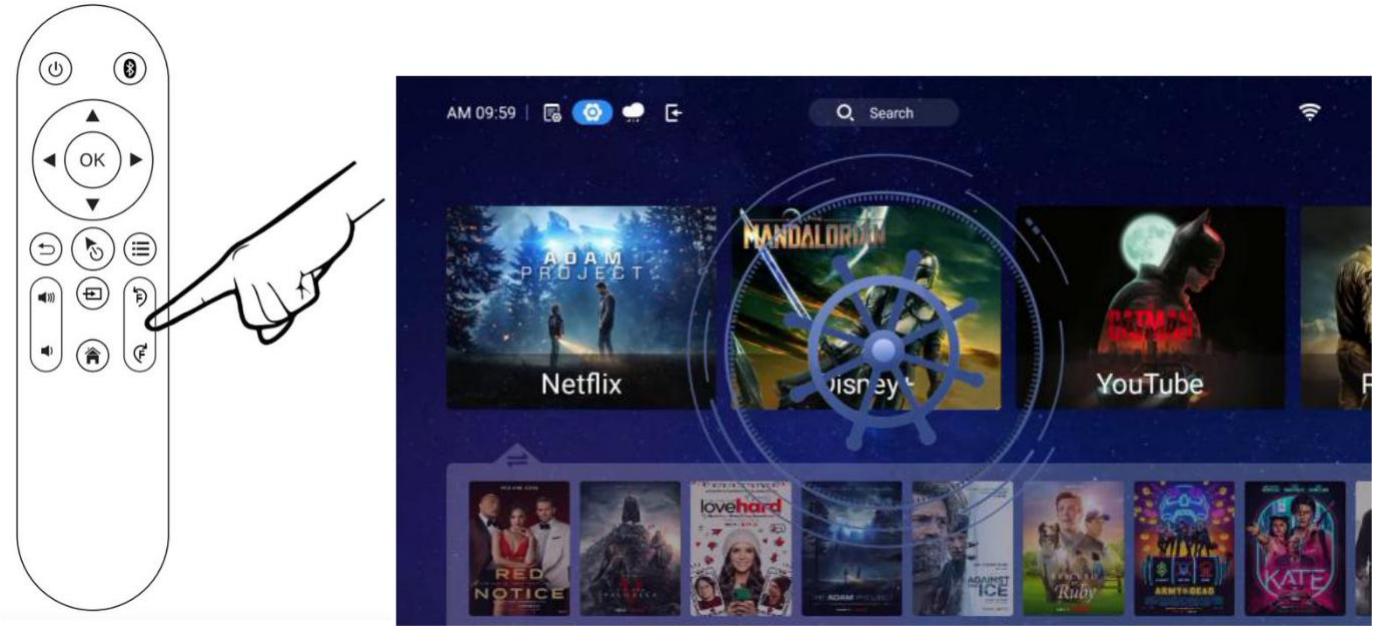
2. Projection Modes

Go to **Menu > Settings > Projection > Installation Mode** to change the projection modes per your needs.



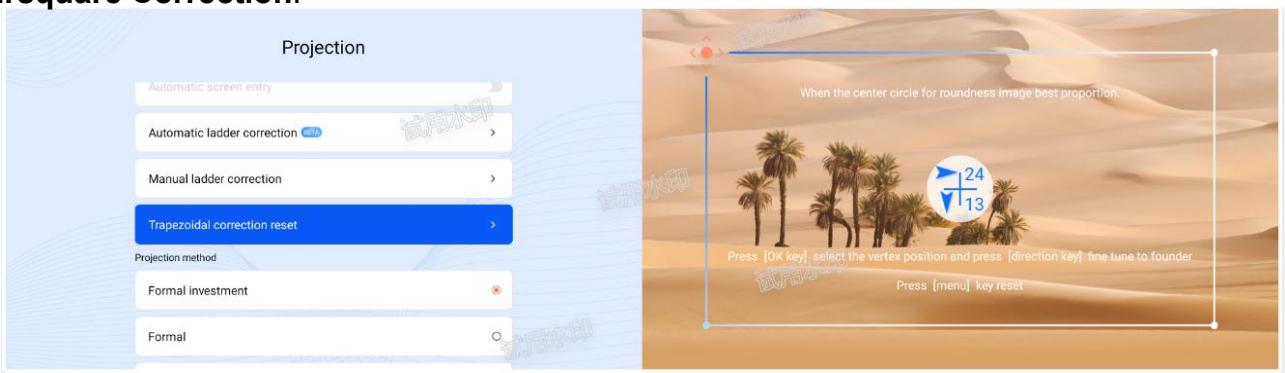
3. Focus Adjustment

When the image is blurred, it's recommended to manually adjust the focus to improve the clarity of the image via pressing the **Focus up/Focus down** button on the remote. If you cannot obtain satisfactory clarity through adjustment, please move the projector forward or backward.



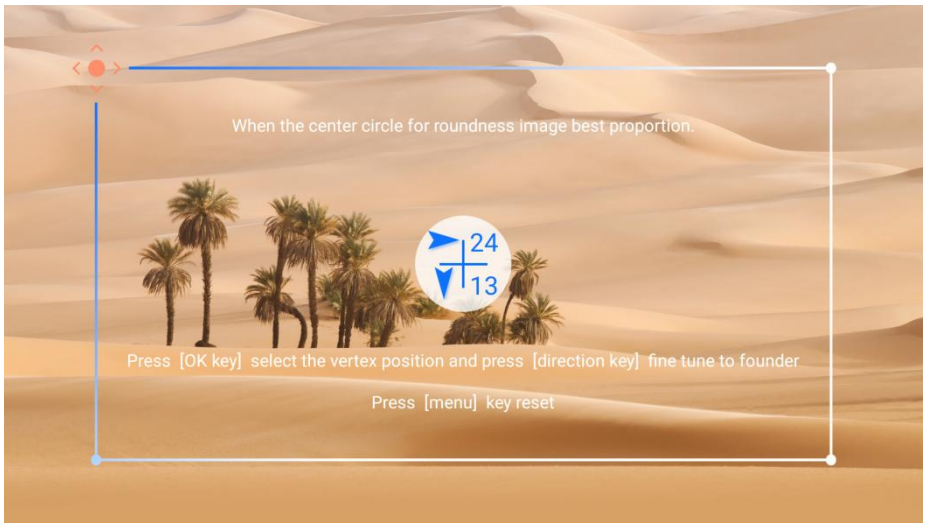
4. Electric Keystone Correction

When trapezoidal distortion occurs, the user needs to adjust the electronic trapezoidal correction under the following Settings: **Menu > Settings > Projection > Trapezoid Correction OR Foursquare Correction**.



- For **Trapezoid correction**, you can press the direction keys up/down/right/left to make sure that the screen is rectangular.

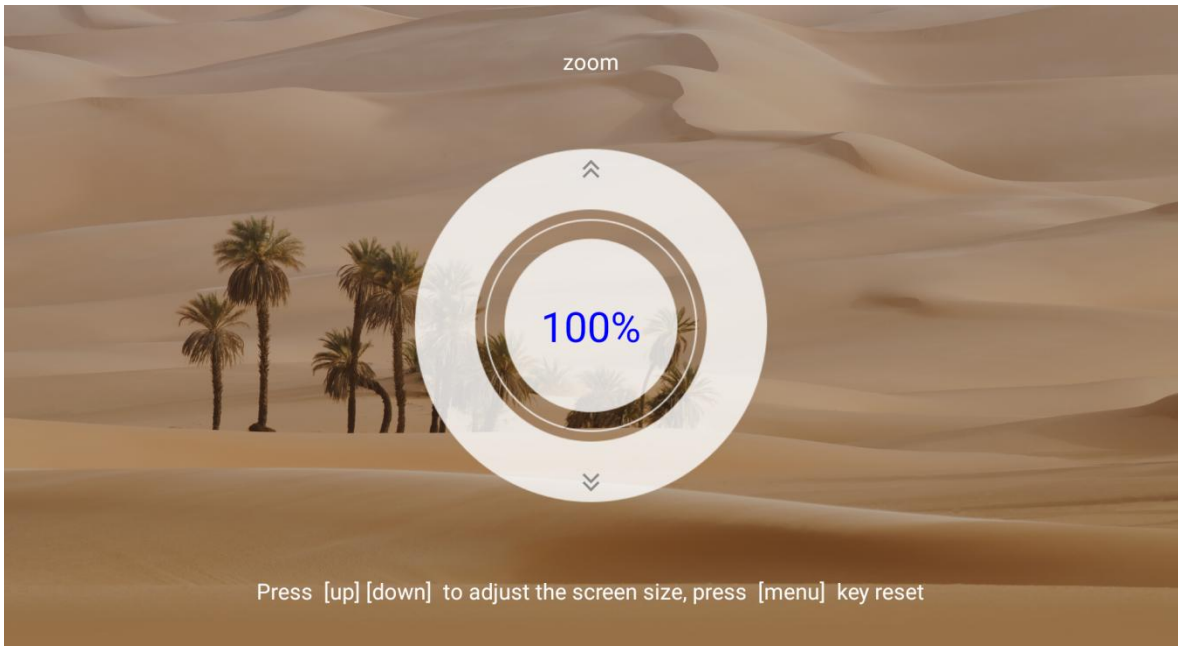
➢ For **Foursquare Correction**, press OK button on the remote to select the four corners, and in accordance with the direction of the Arrow Diagram to adjust the corresponding trapezoidal angle via pressing the up/down/right/left direction keys.



5. ZOOM Adjustment

➢ <u>ZOOM Adjustment Range: 100% - 35%</u>

You can adjust the projection screen size from 100% into 35% by clicking the Left " ▲ " and Right " ▼ " button on the remote per your needs under **Settings > Projection > Global zoom** without moving the distance between the projector to the screen.



6. Projection Distance Reference

Projection Display Size(Inch)	Projection Distance (Meter)
32	1
60	1.8
100	2.85
120	3.0
200	5

Note: *Optimum Projection Distance:* ***2.5m-3.5M****. Dark environment will improve the clarity and sharpness of the projection picture*

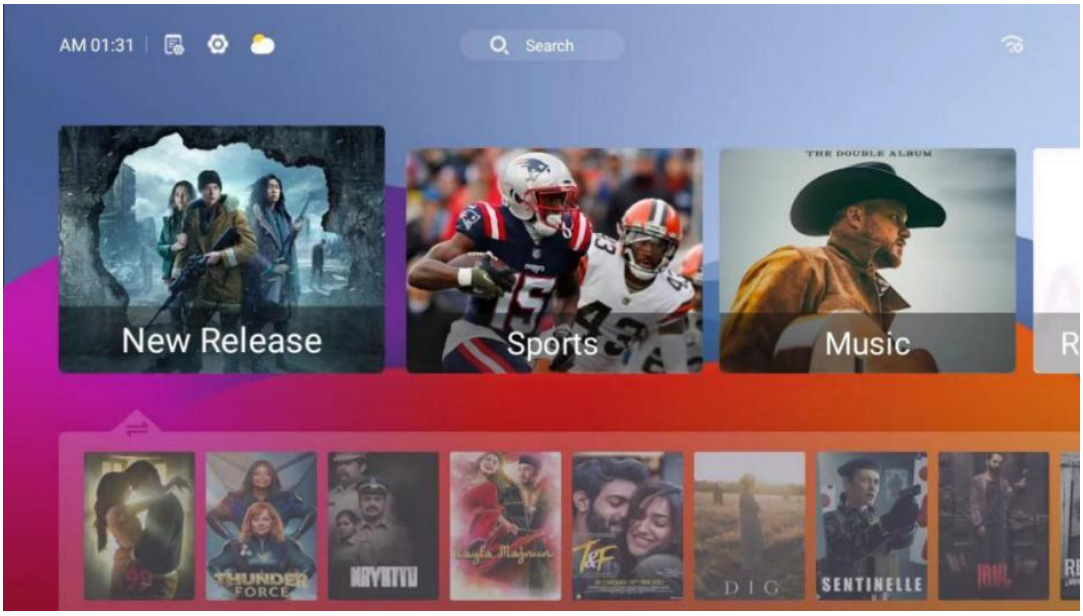
7.Turn Off Safely

Press the power button on operation panel or remote control, and turn off the device according to the system prompts.

ANDROID TV OS DESKTOP

Overview

Press the power button, it will enter into the home page after the startup screen appeared for a few seconds. Connect to a wireless network firstly, then you can access online services, enjoy movies, music, and pictures, and browse internet through the installed apps.

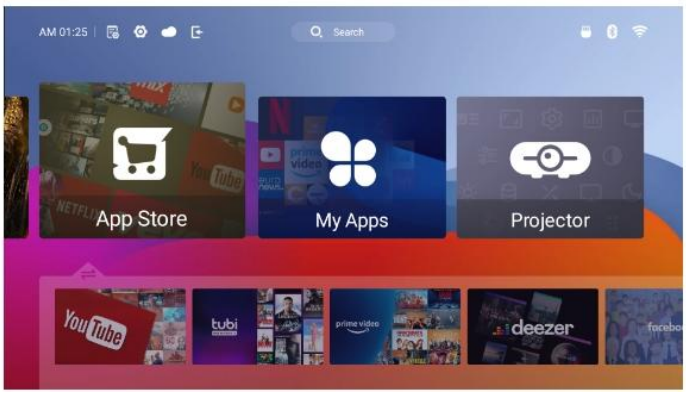


App Playing

① Press “**Home**” button to access Home Menu.

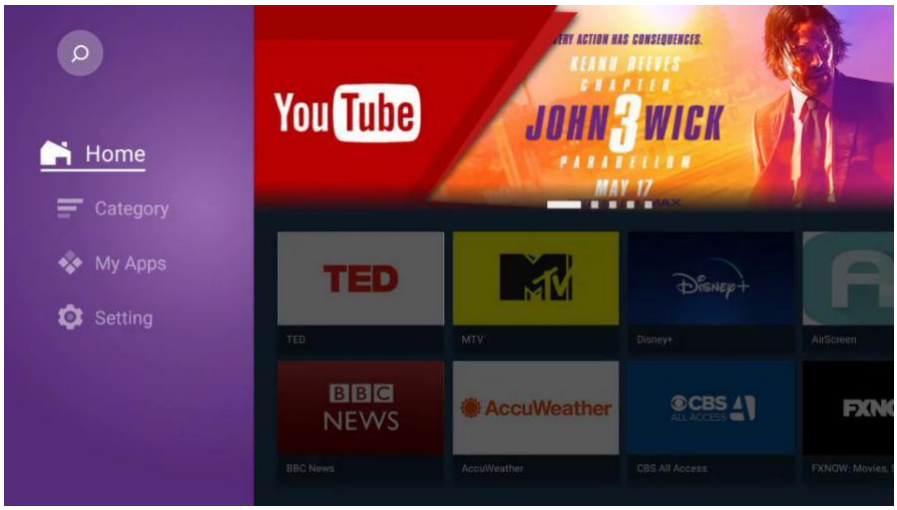
② Click “**Settings**” on the top of the home page and select “**WiFi**” to complete network connection.

③ Go back to the home page and click the **Right Button “▶”** on the remote to find ”**My Apps**”.
④ Click **“OK”** button on the remote to select “**My APPs**” **> Netflix/YouTube/Prime Video** etc to start your APP playback.



➢ App Download

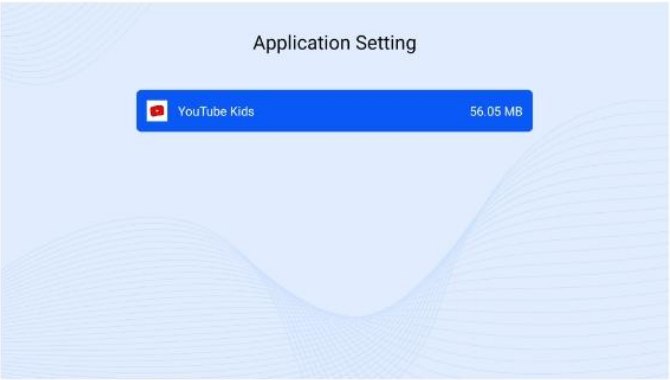
Click **APP Store** under **My APPs** to download your frequently used APPs. Search it on the top to download or download it by Category.

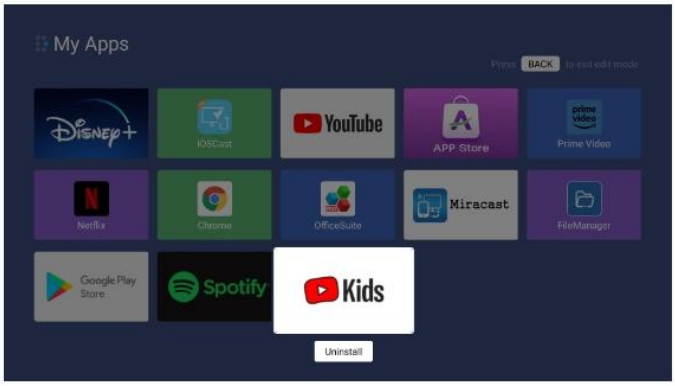


Warm Tips: To ensure the stable use of APPs, we suggest you to install APPs from APP Store. For APPs which you cannot find in APP Store, you can download them from Google Play Store.

➢ App Manager

Select “**Menu > Settings > System > More Settings > Apps**” to manage your installed Apps,





➢ **App Uninstall**

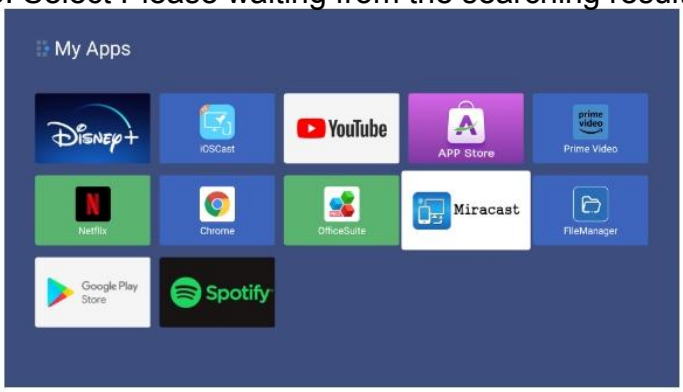
Go to **My Apps** and select an App, press "≡" on the remote control, then select [**Uninstall**] to uninstall the App from the projector.

WIRELESS MIRRORING FUNCTION

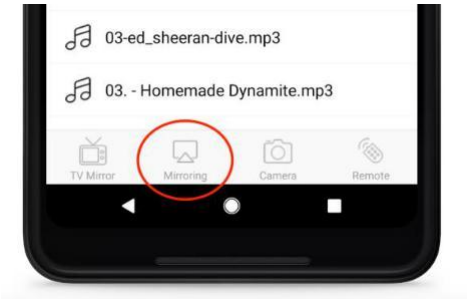
Android Smartphone/Tablet Mirroring

Please make sure your Android Mobile/Tablet supports Screen-sharing before you start using wireless projection on this projector.

1. On your Android device, turn on WLAN (not necessary to connect to any Wi-Fi router)
2. Launch the Multi-screen/ Wireless Display / Screen Mirroring / Smart View function
3. Select Please waiting from the searching result list.



4. Click [**Mirroring**] of the Miracast app on your smartphone and start screen mirroring.

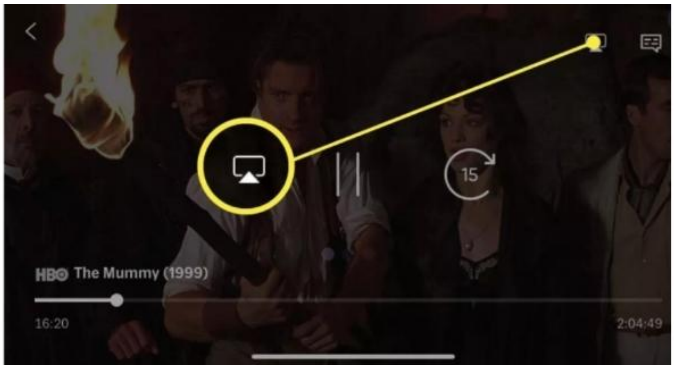


iOS Device Screen Mirroring

1. Please connect your iOS device to the same network as the projector.
2. Turn on the projector and press the Menu/Home button on the remote control, select "**My Apps > iOS Cast**" as the input source.
3. Activate Screen-Mirroring function on your IOS device and search for the projector, click it and find the device [BirdCast - XXXX] to connect.

DLNA - APP Airplay

1.Please connect your mobile/tablet device to the same network as the projector.
2.Turn on the projector and press the Menu/Home button on the remote control, select "**My Apps > -Miracast**" as the input source.



Cast Screen Guide:
① Make sure your device and projector on the same WLAN.
② Choose whatever video you like on apps with cast screen capability.
③ Click TV Button on your device, select [**Miracast-XXXX-DLNA**] for screen casting.

Notice: Due to copyright issue, Videos like Netflix, Prime Video, Disney and Hulu are not support to screen mirroring directly. You can watch those videos directly by the installed apps of the projector.

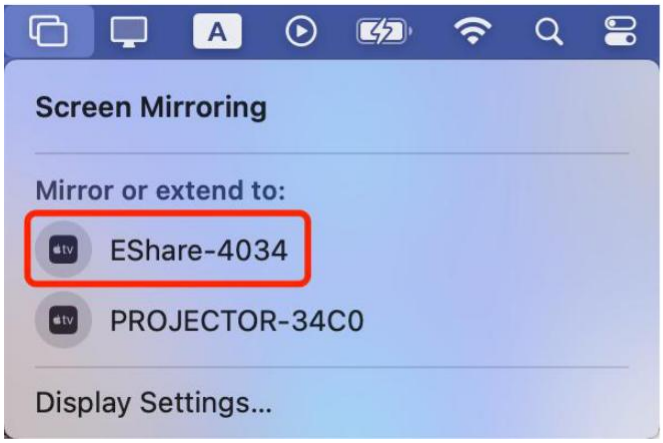
Windows Laptop Wireless Mirroring

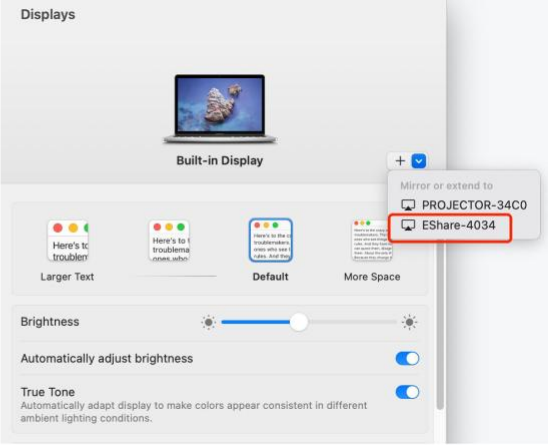
Search the settings on your computer for"Screen mirroring" and"Connect to wireless display"

2.Make sure that your computer and the projector are connected to the same wifi network.
3.Select "**My Apps > Miracast**" as the input source.
4.Open the **Miracast** app on your computer and click "**Connect**" to start mirroring.
Note: If there is no sound coming from the projector after mirroring, please go to Settings **>** Audio Settings and choose "**Miracast Audio**" as the output audio.

MacBook Wireless Screen

1. Click the Screen Mirroring icon on the top of your MacBook task bar.
2. Click Mirror or extend to: [BirdCast-XXXX] and choose Mirror Built-in Retina Display.
3. Click [BirdCast-XXXX] again to exist screen Mirroring.





MULTI-MEDIA CONNECTION

HDMI Connection

1. Press the "**Source"** button on the remote control to select HDMI as the input source.
2. HDMI Compatiable Devices: Laptop, TV Stick, PS4, XBOX, DVD Player, etc.

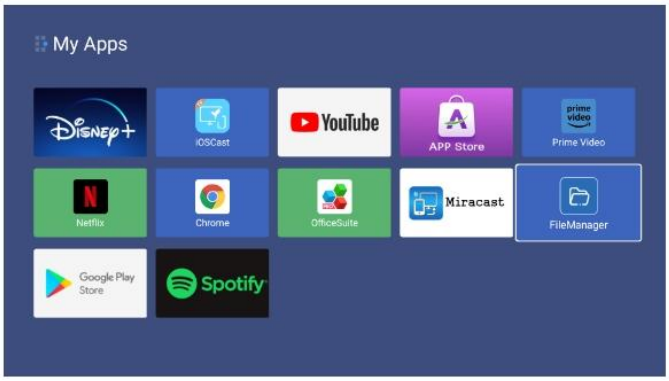
Sound Settings for HDMI Connections.

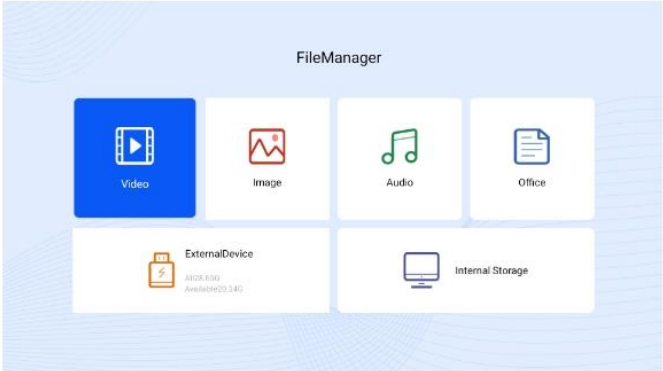
✧ Turn off Dolby audio in your device (such as TV stick/PS4/PS5).
✧ If there is no sound with Blu-ray Disc Player, please change the sound model to PCM in your DVD player.

- ✧ If there is no sound with Cable Box, change the sound model to PCM in your Cable Box.
- ✧ If there is no sound with a USB stick/TF card, please don't download the video with Dolby(AC3).
- ✧ If there is no sound with the Laptop/Macbook via HDMI connection, please change the laptops sound output to HDMI under Setting-sound-select HDMI as the sound output device.

USB Connection - Local Media Play

1. Connect the USB flash driver to the projector and select "**My Apps > Media Center**" as the input source.
2. Select local disk [USB flash driver] to select (videos, pictures, musics and all files)
3. Press OK to play; press the return key to exit.





Warm Tips: If you cannot find your files after plugging in your USB Driver,Please re-plug or replace the new device!

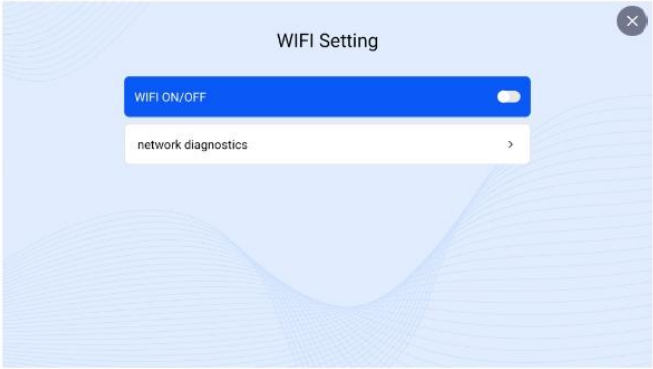
Local Player support format as following:

Video	Mp4,AVI,mov,mkv,flv,mpg,ts,3gp,VOB
Audio	AAC,amr,FLAC,m4a,mp2,mpga,ogg,Wav
Picture	JPEG,BMP,PNG,JPG

PROJECTOR SETTINGS

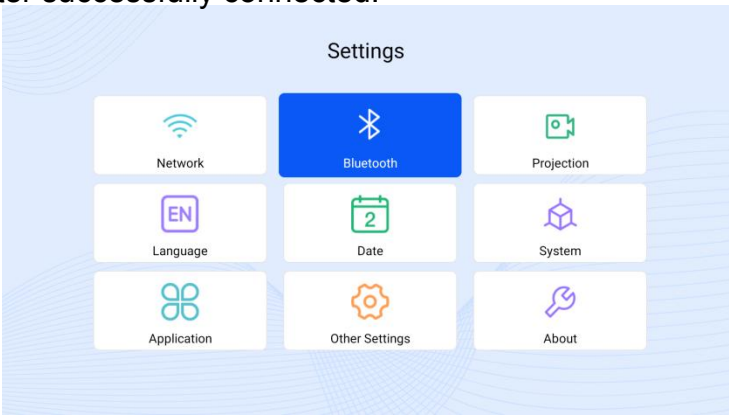
Network Settings

1.Go to the main Menu of the projector and choose [**Settings**].
2.Select [**Wifi**] and activate the wifi function.
3.Find your home wifi network name and input the password, click [**Connect**].



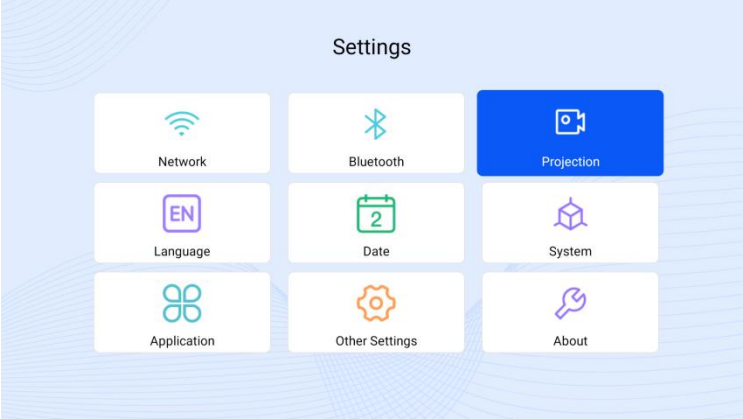
Bluetooth Settings

Turn on the projector and press the Menu/Home button on the remote control. Select "**Settings > Bluetooth**" and press OK to turn on Bluetooth. Choose the device to be paired, and then select the return key to exit after successfully connected.



Notice: It's NOT support to connect with smart-phones via Bluetooth to realize screen sync.

Projection Settings



①Settings **>** Projection **> Screen ratio**: change the screen ratio into 16:9 or 4:3.
②Settings **>** Projection **> Installation mode**: choose the projection mode per your needs.
③Settings **>** Projection **> Trapezoidal correction**: electrically adjust vertical correction and horizontal correction.
④Settings **>** Projection **> Foursquare correction**: electrically adjust four corners.

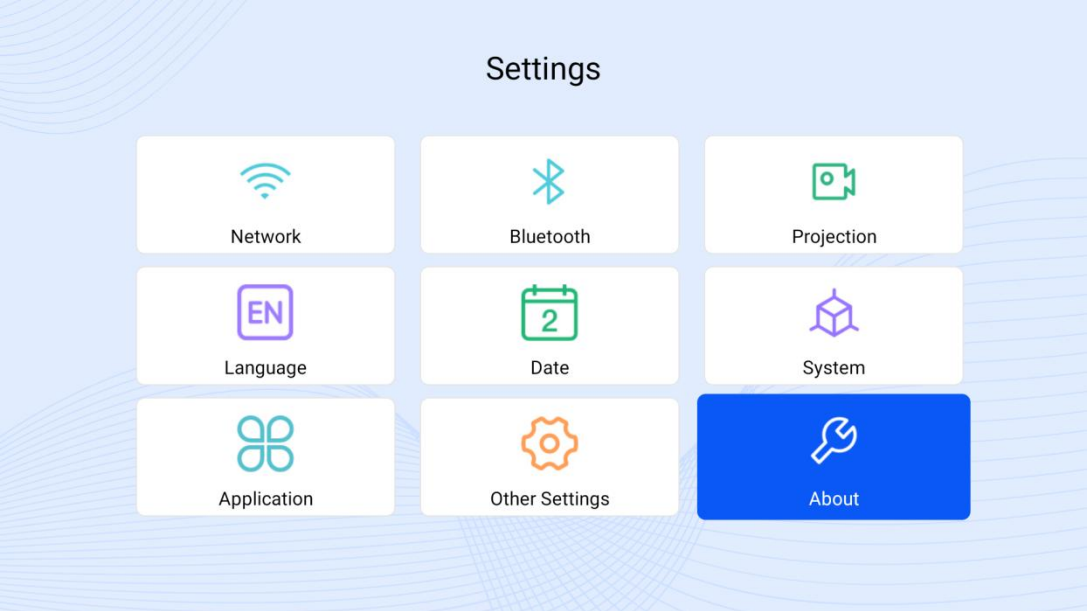
⑤Settings **>** Projection **>** **Global zoom**: zoom in/out the projection size from 100% to 35%.

Device Preferences

About

①**System Update:** Click About > System Update to update your internal system to the latest version.

②Check information of Device name, Status, Legal information, Model, System Version, Android Version, RAM, ROM, MAC address, WiFi MAC Address.



Factory Reset

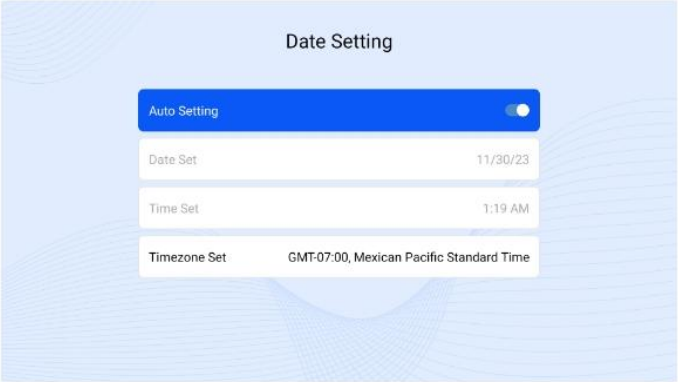
Go to Settings **>** Storage & Reset **>** Device storage and Reset factory data.

Date & Time

Settings→Date and Time: Auto internet date and time or set the date and Timezone, Use 24-hours Format.

Language

Press OK enter language option to choose language.



SPECIFICATIONS

Product Name	projector
Android OS Version	Android 12.0
GPU	ARM G52 2EE
RAM	2 / 4 GB DDR4
R0M	16 / 32 GB EMMC
Focus Adjustment	Electrical Focus
Keystone Adjustment	Trapezoid + 4D Keystone
WiFi	2.4G/6G/WiFi
Native Resolution	1920x1080P
Screen Ratio	4:3/16:9
Display Technology	LCD
Light Source	LED
LED Lamp Life	50,000 Hours
Contrast Ratio	20000:1
Projection Size	30-300 Inch
Projection Distance	1-5 Meters
Bluetooth	V5.0
Speaker	8Wx2
Total Power	105W
Power Voltage	AC 100-240V/50-60Hz
Product Size	245*230*82MM
***Specifications and designs are subject to change without notice.**	

Dear friends:

Thank you for choosing our products

12-Month Warranty for Quality-Related Issues

Products are warrantied to be free from material and workmanship defects for 12 months from the date of purchase. Within this period, will provide a replacement for products that fail in normal use.

Contact us

If you encounter any problems during use, please don't hesitate to contact us for professional help!

We are not satisfied until you are 100% satisfied.

FCC Statement

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.

Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure com