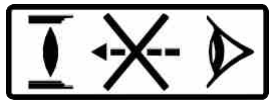
Warning

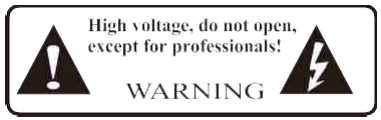
Warning:

Do not look directly into the light of the lens which could cause damage to your eyes, especially for children.



Warning:

Do not place the projector on a wet surface, as this may result in an electric shock.



Important operating instruction.

Dangerous voltage indicated.

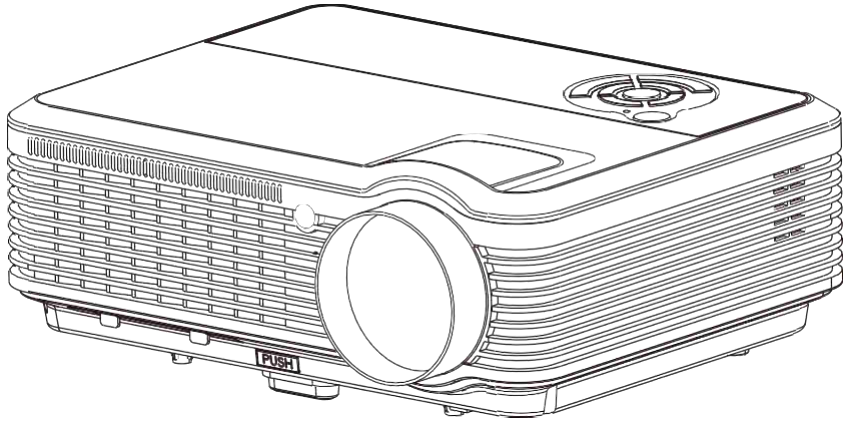
Please follow all warnings, precautions and maintenance as recommended in this user's guide.

Warm tip:

As the projector is a class A product, it may cause electromagnetic interference.

Warm Notes: Please let your eyes and the projector have a rest every 3-4 hours, which will be good for both of you and the projector.

INSTRUCTION MANUAL (Wi-Fi Version)



Contents

Important Safety Instruction 1
Installation 3
Remote Control Instruction 5
Structural Diagram 6
Panel Key Instruction 7
Input Terminals 8
Image Adjustment 9
Turning On/Off 10
System Introduction 11
Wireless Display via EShare for iOS 15
Wireless Display via EShare for Android 18
Wireless Display via EShare for MAC 22
Wireless Display via EShare for Windows 23
Connecting to PC & Laptop 24
Troubleshooting 25
FAQ 26
Specification 28
Accessory List 28
Warranty Card 29
Warning 30

Warranty card

Buyer information

Name/Company: _____

Telephone: _____

Address: _____

Fax No.: _____

Product Purchased: _____

Model No.: _____

Series No.: _____

Seller Store Name: _____

Date of Purchase: _____

Manufacturer Information:

Manufacturer: INTERCONTINENTAL BUSINESS COMPANY LIMITED.
Address: Unit 1508 Block 3 HuaMei International GongYe Si Rd. 52, Panyu 511430, Guangzhou, China.
Offical Website: http://www.intercontinental-bz.com
Service Email: intercontinentalbusiness19@gmail.com

Thank you for purchasing the projector.

From date of purchased, we offer one year warranty on projector and 6 months warranty on the bulb.

When you need to fix the projector, please return the defective product, completed warranty card and send back the projector to the address your seller provide.

Specification

Product	LED Video Projector	
Input Signal	Video	VGA/HDMI/USB/AV/ATV/DVB-T1
	Audio	Stereo
Light Source	LED	50,000 hours
Image Adjustment	Keystone Correction Button	Vertically ±15 degree
	4 Point Trapezoid	Left to right / top to bottom: 50degree
Power	Input Voltage	100-240V 50/60Hz
Working Condition	Temperature	5°C-35°C
	Humidity	10%-65%
Storage Condition	Temperature	0°C-40°C
	Humidity	10%-85%
Remote Control	Frequency	38KHz
Dimention	Size	340x265x125mm
	Weight	3.7Kg

Please note: The specifications above may change without prior notice.

Accessory List

Projector..... 1pc
Remote Control 1pc
Power Cable 1pc
AV Signal Cable 1pc
VGA Signal Cable 1pc
HDMI Signal Cable..... 1pc
Manual 1pc
Spare Fuse 1pc

Accessories which can be purchased separately:

1. Projection Screen
2. Ceiling Mount

Important Safety Instruction

- Do not block any ventilation openings. To ensure reliable operation of the projector and to protect from over heating, it is recommended to install the projector in a location that does not block ventilation. As an example, do not place the projector on a crowded coffee table, sofa, bed, etc. Do not put the projector in an enclosure such as a book case or a cabinet that restricts air flow. And clean all air filters once a month or clean when the air filters accumulate lots of dust.
- To reduce the risk of fire and/or electric shock, do not expose the projector to rain or moisture. Do not install near heat sources such as radiators, heaters, stoves or any other apparatus such as amplifiers that emits heat.
- Do not let objects or liquids enter the projector. They may touch dangerous voltage points and short out parts that could result in fire or electric shock.
- Do not use under the following conditions:
  -- In extremely hot, cold or humid environments.
  (i) Ensure that the ambient room temperature is within 5°C ~ 35°C
  (ii) Relative humidity is 10% ~ 85%
  -- In areas susceptible to excessive dust,dirt and fog
  -- Near any appliance generating a strong magnetic field.
  -- In direct sunlight.
- Do not use the projector in places where flammable gases or explosives gases may be present in the atmosphere. The lamp inside the projector becomes very hot during operation and the gases may ignite and result in a fire.
- Do not use the unit if it has been physically damaged or abused. Physical damage/abuse would be (but not limited to):
  -- Unit has been dropped.
  -- Power supply cord or plug has been damaged.
  -- Liquid has been spilled on to the projector.
  -- Projector has been exposed to rain or moisture.
  -- Something has fallen in the projector or something is loose inside.
- Do not place the projector on an unstable surface. The projector may fall over resulting in injury or the projector may become damaged.
- Do not block the light coming out of the projector lens when in operation. The light will heat the object and my melt, cause burns or start a fire.
- Please do not open or disassemble the projector without professional instructions as this may cause electric shock.
- Only use attachments/accessories specified by the manufacturer.
- Do not look into straight into the projector lens during operation. The bright light may harm your eyes.

Important Safety Instruction

- When turn on the projector,plug the power cord first before switch on the power switch to avoid short circuit.
- Turn off and unplug the power plug from the AC outlet before cleaning the product.
- Use a soft dry cloth with mild detergent to clean the display housing. Do not use abrasive cleaners, waxes or solvents to clean the unit.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.
- Do not setup the projector in places where it might be subjected to vibration or shock.
- Do not touch the lens with bare hands
- Remove battery/batteries from remote control before storage. If the battery/batteries are left in the remote for long periods, they may leak.
- Do not use or store the projector in places where smoke from oil or cigarettes may be present, as it can adversely affect the quality of the projector performance.
- Please follow the correct projector orientation installation as non standard installation may affect the projector performance.
- Use a power strip and or surge protector. As power outages and brown-outs can KILL devices.

FAQ

Q: Bluetooth Delay
A: If play videos from online apps or from external devices, check the setting whether the player lets you de-sync the audio/video at the source to offset the delay. Media players on computer will do this (VLC,ect).

Q: Cannot play videos while doing screen mirroring
A: This problem is due to DRM service, a copyright protection service, which will prevent video from playing while doing screen mirroring. Please play video from other apps that does not have DRM service or play downloaded local videos.

Q: Virtual Keyboard disappear or not pop up when log in Play store
A: Please connect a keyboard to the projector to do the operation more easily.

Q: Black Spot On Screen
A:1) If it is small. it is a dust on the LCD screen inside, pat projector's upper cover several times, dust will fall down.
2) If it is large, the LCD screen may have damaged, please contact your seller, mainly by e-mail.

Q: Auto turn off or only show the "android" logo then turn off
A: If meet such a problem, please contact your seller via email to ask for a firmware to reboot the android system, then the problem can be solved.

Q: System Update
A: Android system on projector is different from system on phone and tablet, which does not support online update. Please DO NOT update the system on projector, even when any update message pop up, otherwise the projector may not work properly.

Q: How to Contact Us to Get Support
A: Email us at **caiwei@eug.net.cn** , and provide us with your order number, purchase platform(Amazon,Ebay or AliExpress ect.) and describe your problem in the email. We will reply and offer help to you within 24 hours.

Q: No Sound
A: 1) DVD : Go to audio setting, change audio from auto to PCM.
2) Other devices (Fire stick or Apple TV ect.): Go to device's audio setting, switch off Dolby audio option.
3) If play video from USB, check if the video package DTS audio tracks, if so, change the video source.

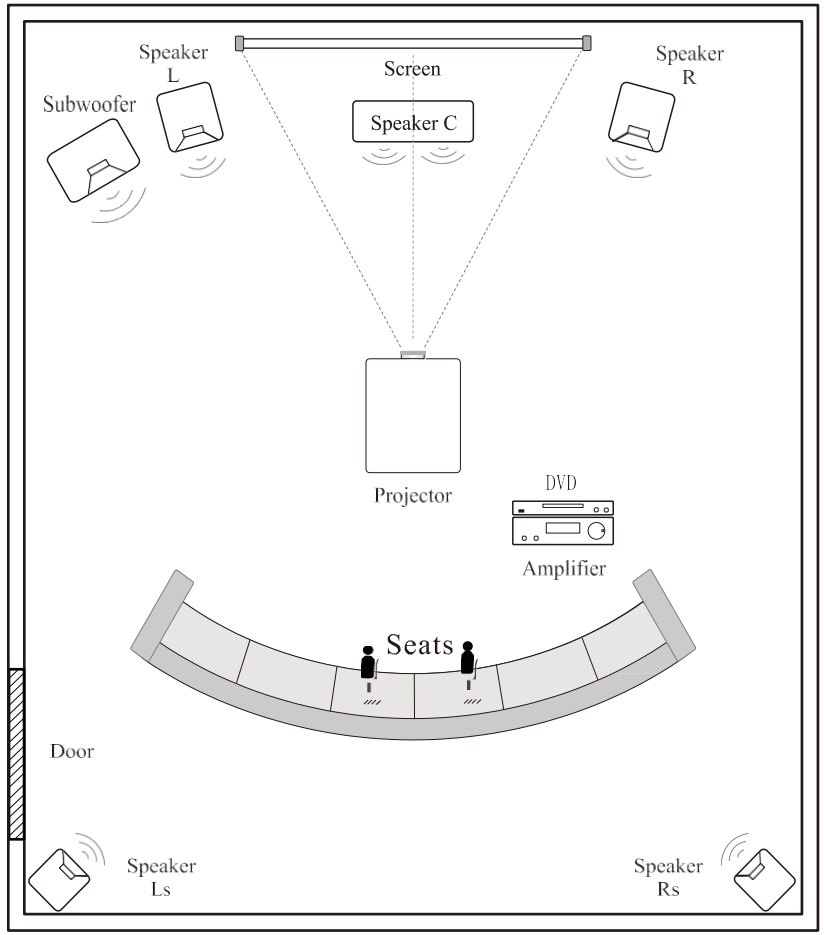
Q: How To Turn Off Internal Speaker
A: Press "Mute" button on remote or turn down projector volume to "1".

Q: Connect Computer Via HDMI, But No Response
A:1) Windows PC: Go to "Setting"-- "Display" on your computer, select "copy these Displays".
2) Macbook: Go to "System preference" -- "Setting" -- "Arrangement", click the "Mirror Displays".

Q: No Response When Connect Laptop using VGA Cable
A: When connect laptop using VGA cable, we may need to use Fn combination keys. Switch the projector to VGA mode, and then simultaneously press Fn key and screen projection key. The screen projection key may at different place in different brand laptops. It is possibly among F1 - F12. Please refer to your laptop's user manual.
The following is for reference only:
DELL: FN+F8 HP: FN+F4
ThinkPad: FN+F7 TOSHIBA: FN+F5
Acer: FN+F5 Samsung: FN+F4
Sony: FN+F7

Q: Image Flickers
A: 1) Change connection cable
2) Change videos format. LCD projector does not support 4K or active 3D videos
3) Change your device's resolution.

Full Setting



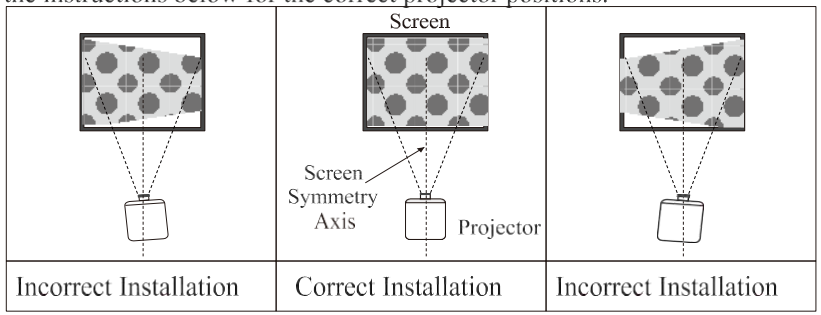
To obtain best projection effect, please keep the projector away from direct sunlight or put down your curtains.

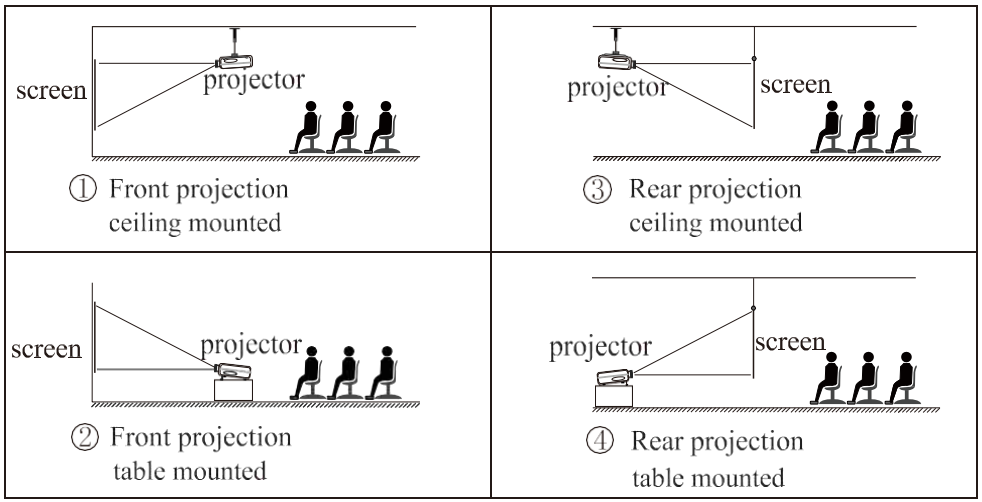
Important Safety Instruction

Installation Method

Please consult installation personnel for ceiling-mounted methods.

Follow the instructions below for the correct projector positions.





Warning:

1. Please check the diagram below for vertical keystone correction.
2. This projector may be damaged beyond repair if it is incorrectly mounted on a ceiling or on a surface.
3. This projector should only be used in an environment where the temperature does not exceed the range of 5℃-35℃. Projector malfunction may occur if this is not adhered to.
4. Malfunction may occur if the projector is placed under dusty, wet, moist or smoky conditions.
5. Poor ventilation condition will cause overheating which may damage or even ruin the projector.

FAQ

Problem	Possible Causes
1. The indicator light does not work when the power switch is turned on.	◎ Power cable is not connected properly or defective.
	◎ The power switch is faulty.
	◎ The fuse is faulty.
	◎ The power board is faulty.
2. The projector does not come 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 in PC mode, the PC output frequency is not 50-60Hz. Make sure you use the PC output to connect with projector.
	◎ If use laptop, check the default signal output is VGA or HDMI.
	◎ If power indicator light is on and fan runs, it is the power board problem. Please contact seller.
4. Auto-off.	◎ The projector ventilation is blocked.
	◎ The voltage is not stable.
	◎ The projector is overheated - check if the fan is broken.

FAQ

Step1: Connect the projector and PC & laptop with VGA / HDMI cable.

Step2: Choose "Multi-Media" on the top tap of the main interface.

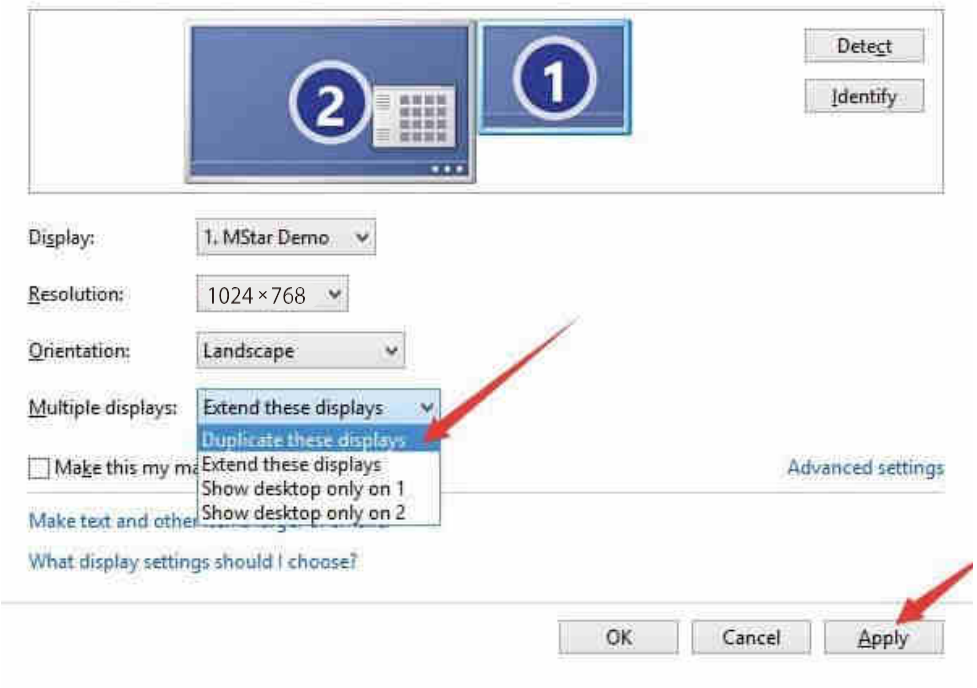
Step3: Choose "VGA / HDMI".

Step4: Adjust the PC display resolution to match the projector, such as 1024×768, 1280×800. If your PC and laptop is windows PC or laptop, press “Windows” & “P” buttons at the same time, select “Projector Only”, you can adjust the PC display resolution.

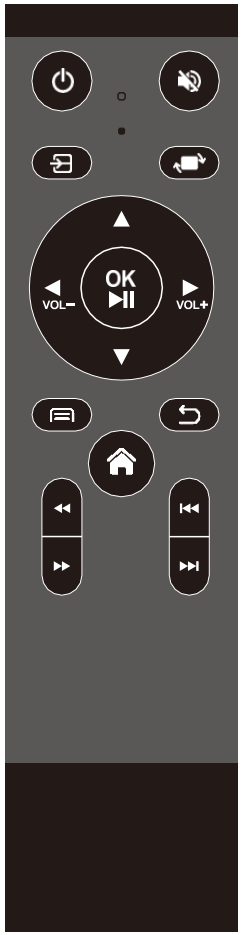
Step5: If using VGA cable, you need to press specific keys on your PC. Normaly press "FN" & "F1~F12" simultaneously. (Because breands are different, please check with your PC supplier for the specific keys).

Step 6: Go to “Settings” on your PC, select “Displays”, select “Duplicate These Displays” if using HDMI cable and the projector dose not recognize your PC.

Step7: If it doesn’t work, turn off the projector and repeat above steps.



Installation



⏻	Turn on / off projector
🔇	Mute internal speaker
⇥	Select signal source
	Flip image
▲	Up
▼	Down
◀ VOL−	Left / Volume Subtract
▶ VOL+	Right / Volume add
OK ▶II	Confirm / Play / Pause
	Menu
↩	Return to previous operation
	Home
◀◀	Fast backward
▶▶	Fast forward
⏮	Prev
⏭	Next track

1. There are 2 ways to operate in the Android interface:

(1) Connect your computer mouse (wire or wireless) to the projector’s USB port to operate.(Recommend)

(2) Use remote control to operate.

2. Some apps (like Youtube) can not be navigated by remote control, please connect a mouse to navigate.

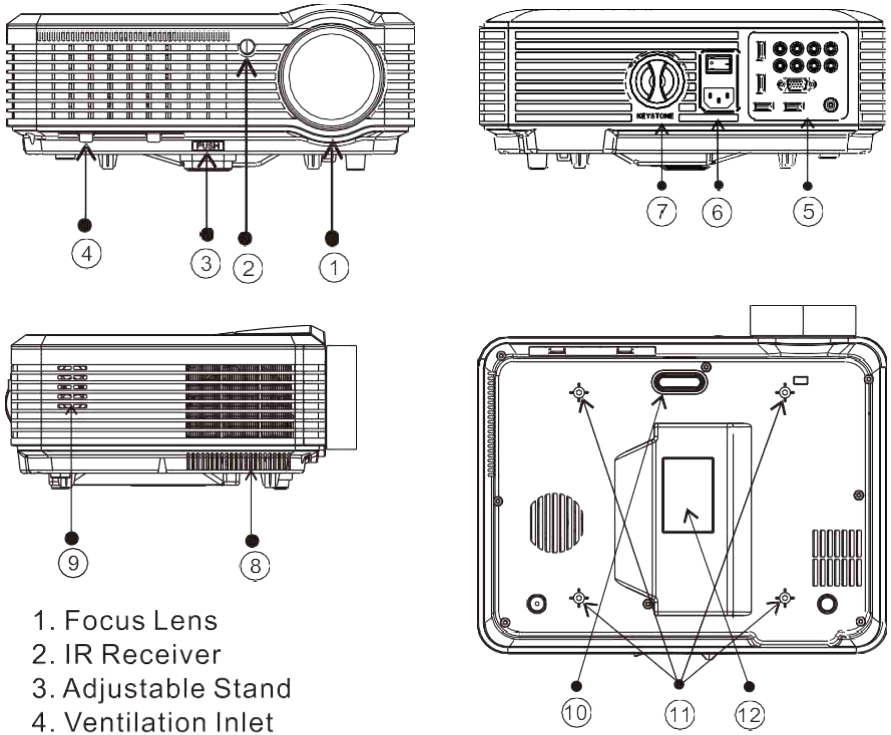
3. Add app to the homepage

(1) Move the cursor to +

(2) Press “Menu” button on the projector or remote.

(3) Select the app you want to add.

Structural Diagram



1. Focus Lens
2. IR Receiver
3. Adjustable Stand
4. Ventilation Inlet
5. Signal Input Ports
6. Power Input & Switch
7. Keystone Correction
8. Ventilation Outlet
9. Speaker
10. Adjustable Stand
11. Ceiling Mount Holes
12. Label

Wireless Display via EShare for Windows

1. Install EShare for Windows

Please ensure your windows laptop is connected to the same network with your large display, launch "EShare Server" on the large display, visit client download website from your laptop, download and install "EShare for Windows".

2. Connect to Large Display

Launch EShare on your windows laptop, it will start to search for large display devices. Then click on the device which you want to connect to, and click on the start button the screen will be mirrored to your large display.

Wireless Display via EShare for MAC

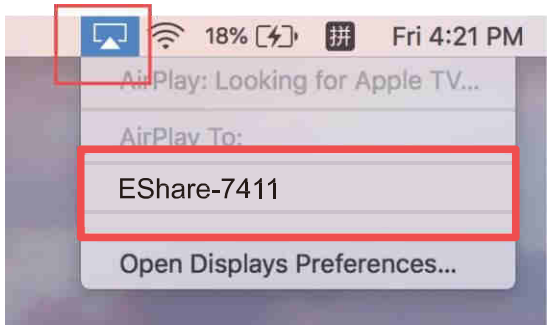
1. Connect Network

Please ensure that Mac computer devices and projector are connected to the same Wifi. Open the “EShare” in the projector.Then the AirPlay icon appears on the taskbar at the top of the Mac computer.

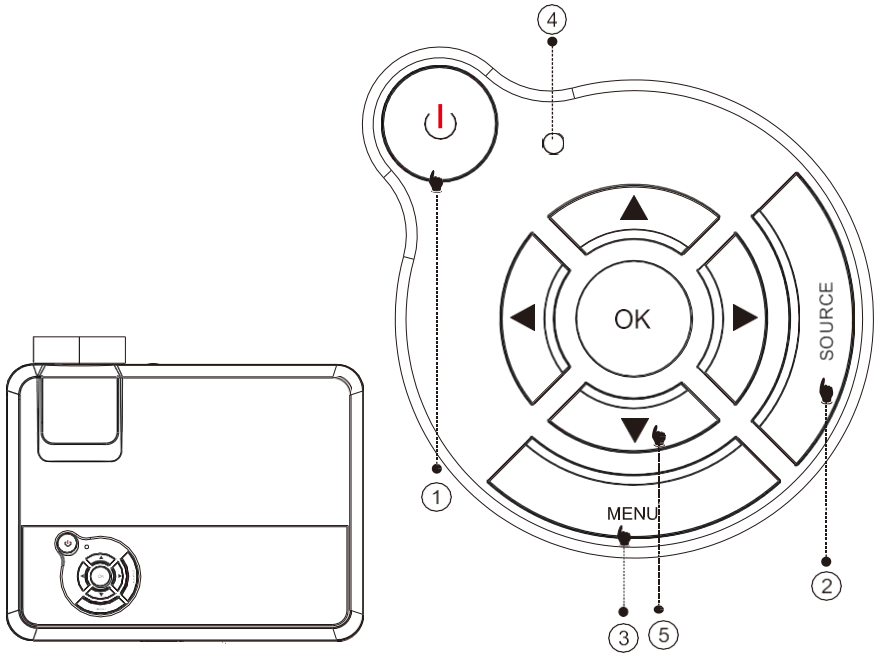
2. Connect to the projector.

Step1: Click on the “Airplay” icon at the top of the Mac taskbar.

Step2: Choose the name of the projector, you can synchronize the computer screen to the projector



Panel Key Instruction



①Power Button

To turn on or off the projector.

②Source

To choose the input signal .

③Menu

To show up projector menu.

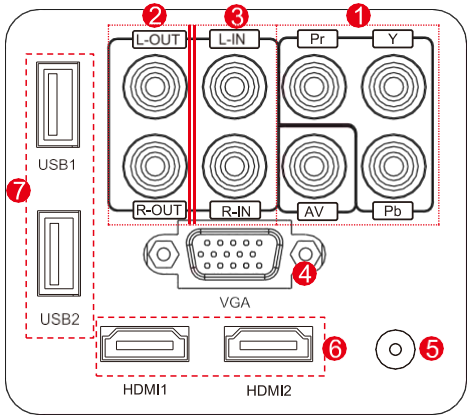
④Indicator light

Red color: standby.
Green / blue color: working.

⑤Navigator Buttons

Input Terminals

Interface



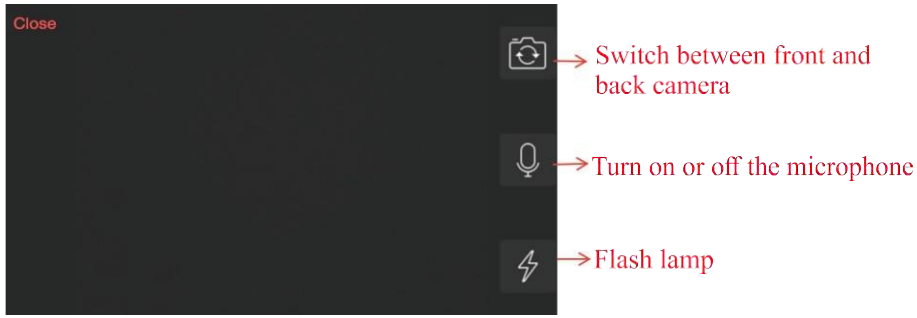
No.	Name	Instruction	Function/Compatible devices	Required cable
❶	AV	Video input	DVD player,AV device ect.	AV cable or AV adapter cable
❷	Audio Output	Connect external audio device	Earphone,speaker, sound bar ect.	RCA audio cable
❸	Audio Input	Audio input from external device	Work together with AV port	
❹	VGA	VGA signal input	Computer, laptop ect.	VGA cable
❺	TV	Analog TV/Digital TV /NO TV	TV cable	TV cable
❻	HDMI 1/2	HDMI signal input	DVD player,fire stick,apple TV, cable box,computer, laptop,game console ect.	HDMI cable
❼	USB 1/2	Read USB device or connect mouse and keyboard	USB flash drive/hard drive, USB mouse, USB keyboard	USB cable

NOTICE: The TV port support digital TV only in Europe and Australia. And the built-in DTV is DVB-T1 not DVB-T2, the DTV is not the main selling point, we will not advertise its DTV function, please know this.

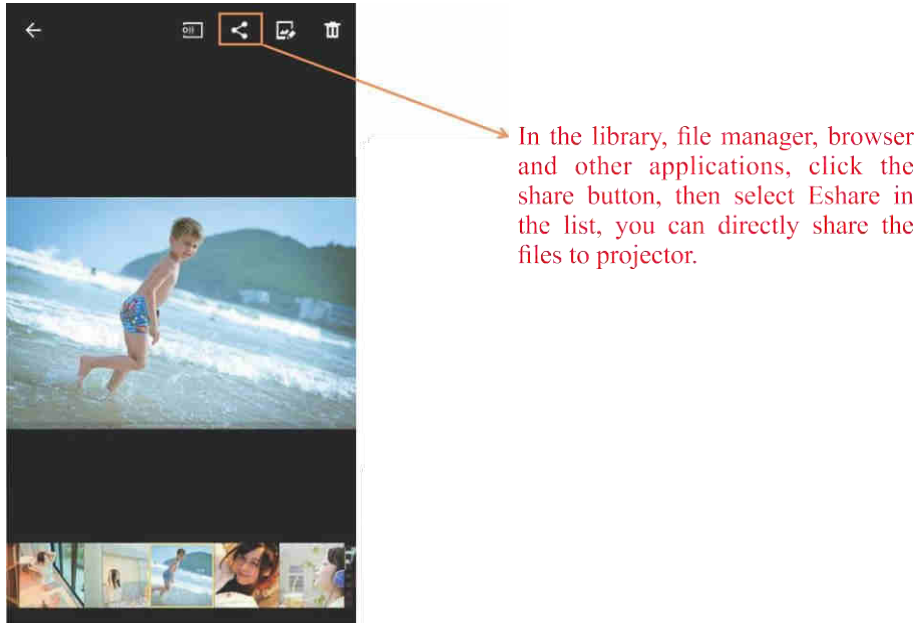
Caution:
To avoid damage, connect the input signal cable correctly prior to switching on the projector.

Wireless Display via EShare for Android

7. Wireless Camera
Use the camera of your mobile phone as wireless camera of projector.

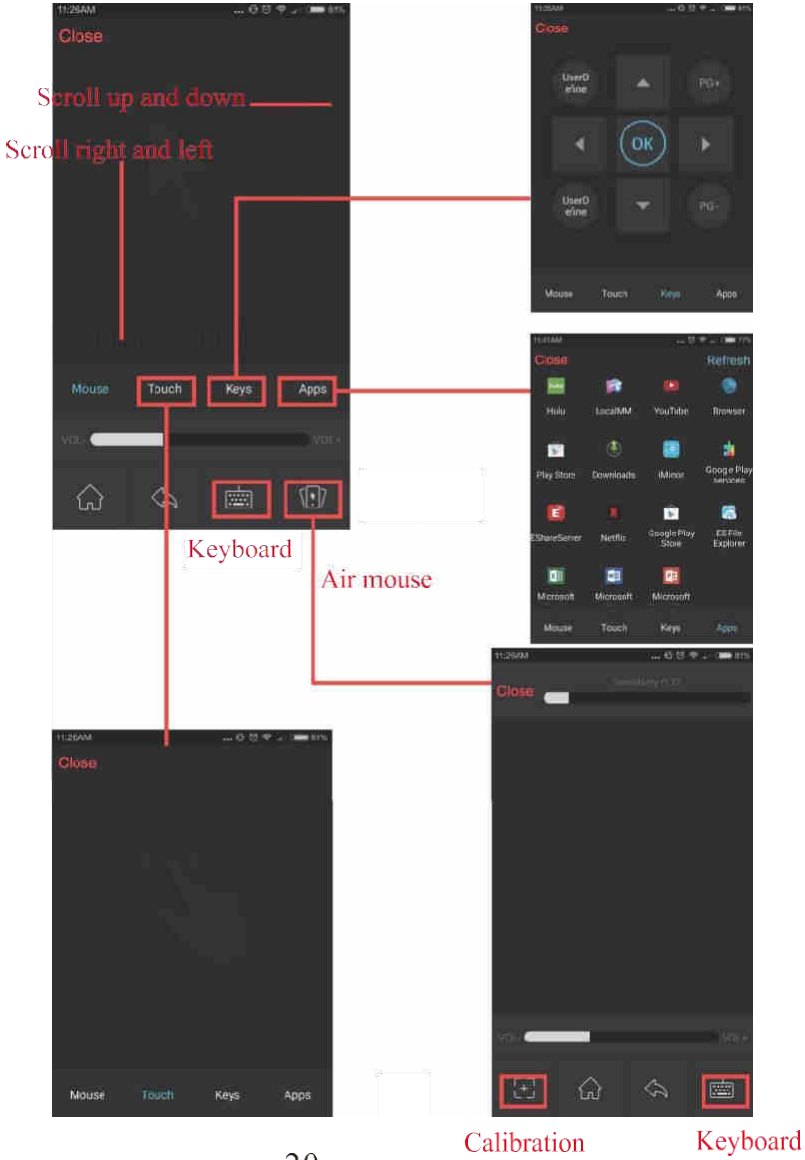


8. Sharing files from other app to large display
In other app, files can be shared to the large display through EShare through sharing.



6. Remote Control

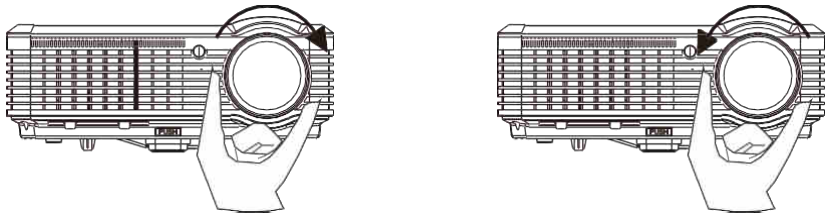
You can use your phone as a touch mouse, air mouse, keyboard, touch pad and remote controller of the projector.



Operating the projector for the first time, image may appear unclear or trapezoid, because the focus and keystone haven't been adjusted. Please do the following steps for correction:

Focus adjustment

Turn the lens clockwise to the projector, and thereafter slowly turn it counter clockwise. At the same time, check the resolution point. The best position of the lens will be determined when the image is clear.

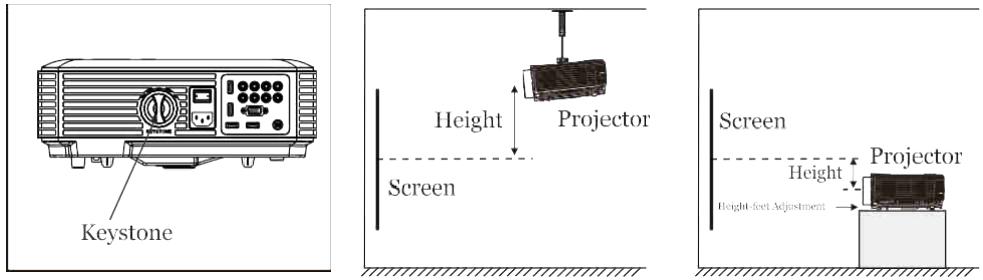


1 2

Please note: When moving the projector from a cold to a warm environment, water vapour may occur. Do not turn the projector on until such time as the vapour has disappeared.

Keystone

If a projected picture has keystone distortion, correct the image with keystone adjustment. The image wil become a trapezoid shape when the screen or projector is not level. Please reposition the projector to improve its angle to the screen. However, the circumference of the image may not be focused.

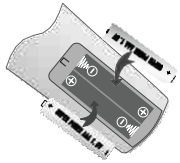


If you are unable to use the keystone correction function to correct the trapezoid disortion, please lower the projector to the center of the screen vertically.

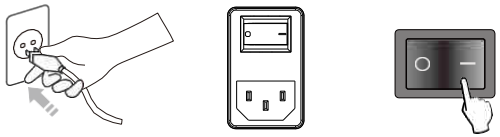
Turning On/Off

Turning on the projector:

1. Two new batteries should be installed into the remote control before use.

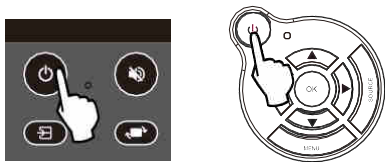


2. Plug power cable, turning on the power switch on the backboard, the indicator light will turn red.



Note: Suggest to plug the power cable first , then switch on power switch on the back. Otherwise it may cause short circuit.

3. Pressing the power key on the remote control or on the top panel, the indicator light will change to blue.



4. After a few seconds, the lamp will begin to work.
5. Using the projector for the first time, the image may appear blurry or distorted. Refer to the Image Adjustment chapter for instructions.

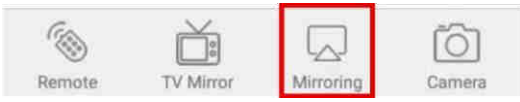
Turning off the projector:

1. While using the projector, press the power key on the remote or projector to enter standby mode.
2. When the projector in standby mode, its auto protecting system will be activated. Press the power key to start up again.

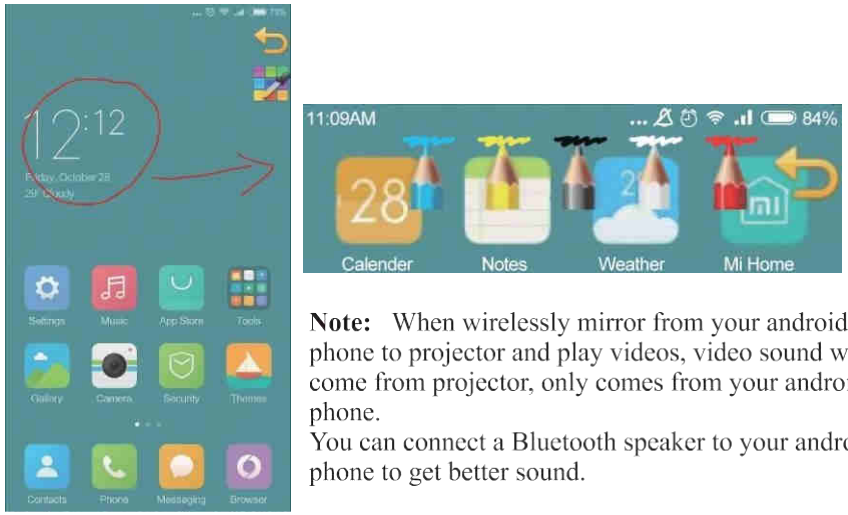
Wireless Display via EShare for Android

4. Wireless Mirroring

Click on the 'Mirroring" button in EShare, the screen will be mirrored to your projector.



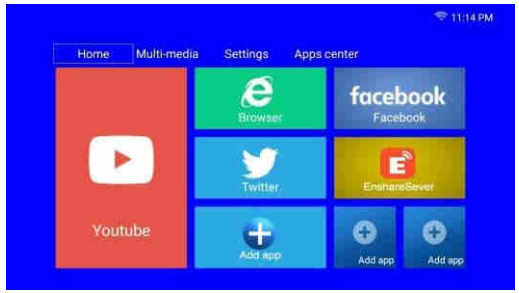
Eshare integrated annotation pen in the wireless mirroring function. After the mirroring mode is started, the pen will appear on the top right of the screen.



Note: When wirelessly mirror from your android phone to projector and play videos, video sound will not come from projector, only comes from your android phone.
You can connect a Bluetooth speaker to your android phone to get better sound.

5. TV Mirroring

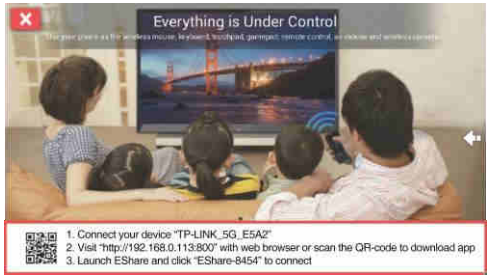
With “TV Mirror” function, you can mirror the screen of the projector to android device and touch directly to control it

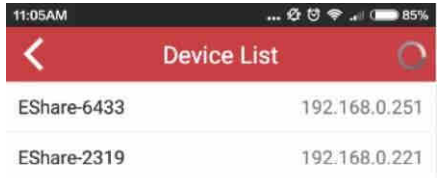


Wireless Display via EShare for Android

1. Install EShare for Android

Please ensure your android device is connected to the same network with projector, launch “EShare Server” on the projector, scan the QR code or visit the client download website. download and install “EShare for Android”.





2. Connect to Projector

After the installation is completed, launch EShare on your android device, and it will start to search for the projector in the same network. Then click on the device name which you want to connect in the device list.

3. Wireless File Streaming

Click on any file (including music, video, picture, office document, PDF, e-book, and so on) on your android phone or pad, then it will be played or showed on your projector.

Click to show the device list

Click “Storage” to achieve file sharing function

Click on any file (picture, video, documents), it will be played or showed on the large display

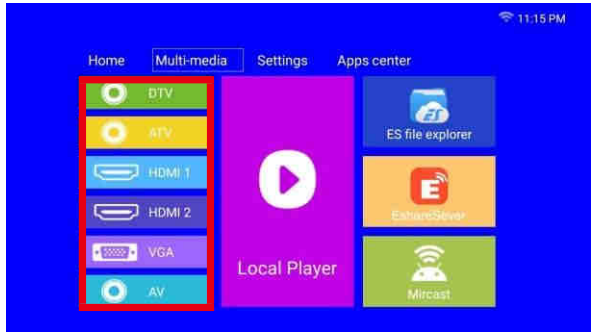
System Introduction

1. Choosing the Signal Sources

Step1: Open this projector and the main interface will appeare.

Step2: Choose "Multi-Media" on the top tap of the main interface.

Step3: Choose one of a source from the left side, such as DTV, AV and so on.



2. Reading Files on USB Disk

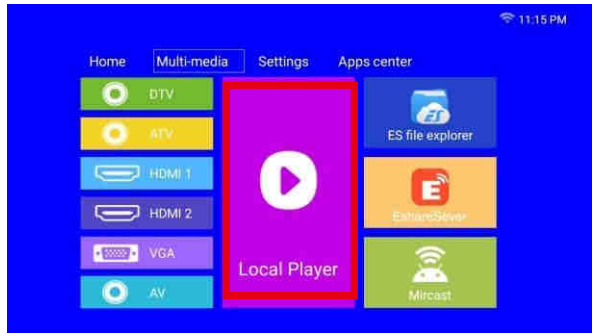
Step1: Insert the USB disk.

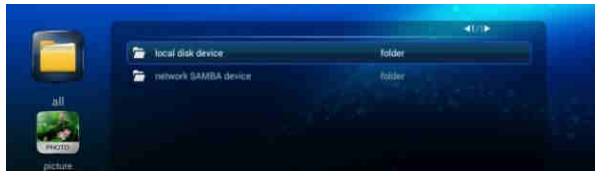
Step2: Choose "Multi-Media" on the top tab of the main interface.

Step3: Choose "Local Player".

Step4: Find "Local Disk Device", and select the "sda1" . Choose the file you want to play.

Note: If you want to play word, excel, ppt, pdf file, please open the USB stick on "ES file explorer"





3. Connecting to Wi-Fi

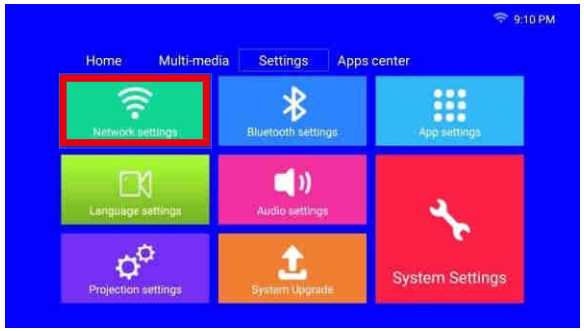
Step1: Choose "Settings" on the top tab of the main interface.

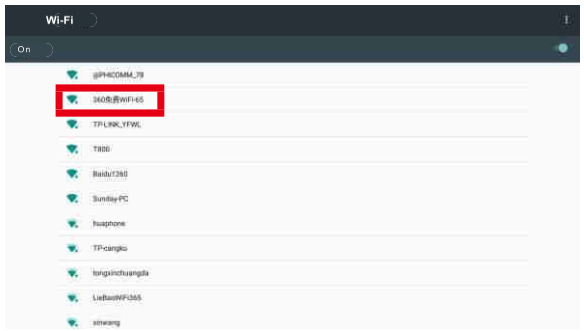
Step2: Find "Network Settings", and turn Wi-Fi on.

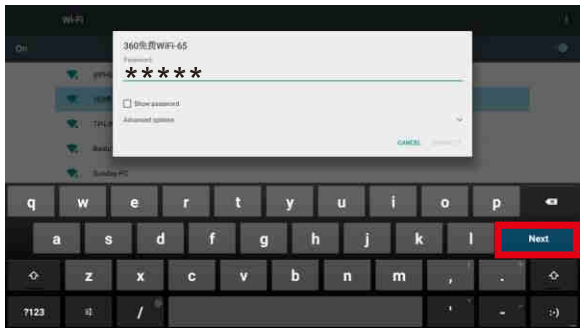
Step3: Select your "Wireless Network" from the list.

Step4: Use the remote or a mouse to click the password input box to call out the soft keyboard.

Step5: Type in the password and then click "Next" on keyboard, then press "Exit" ⮌ on remote to exit the softkeyboard. Click "Connect" to connect wifi.

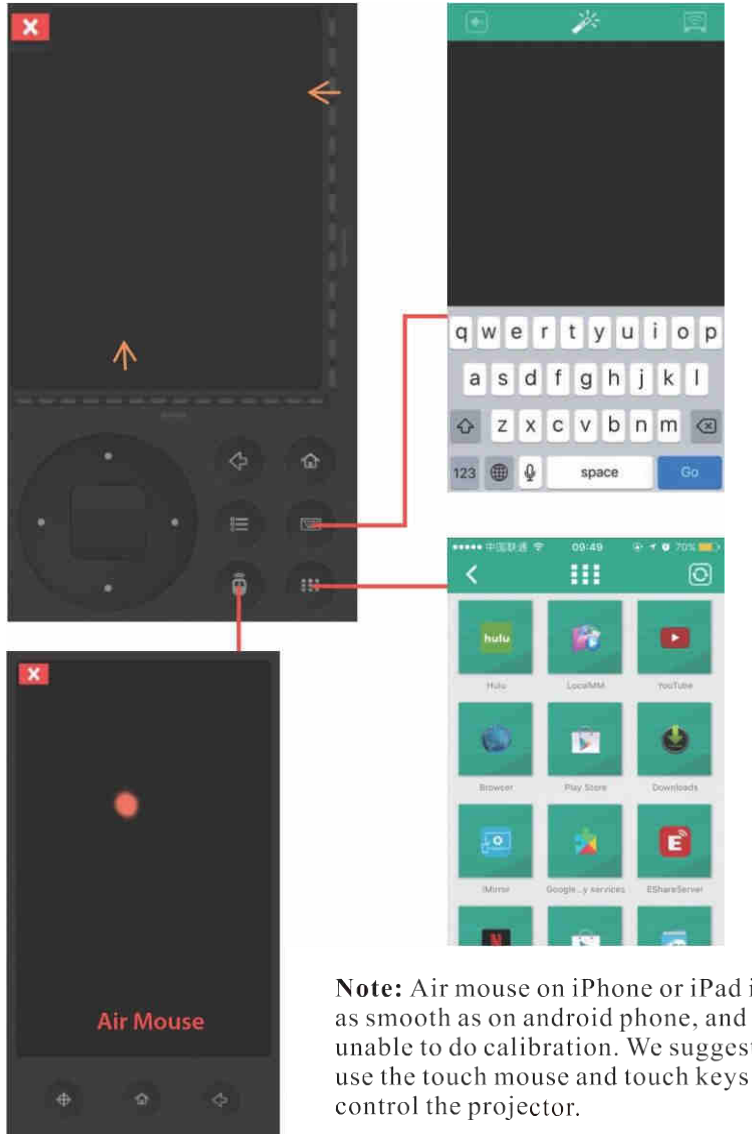




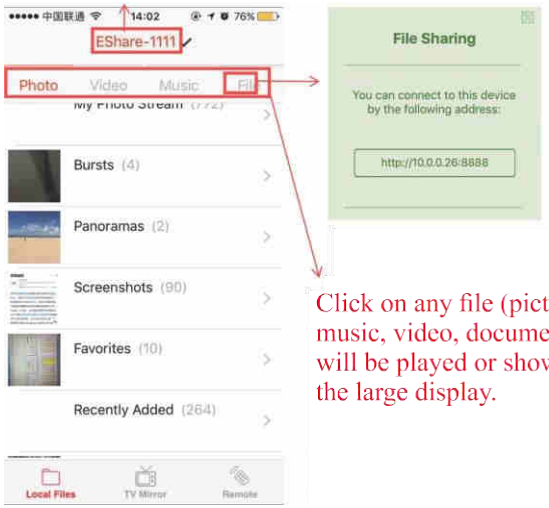


6. Remote Control

You can use your phone as a touch mouse, air mouse keyboard, touch pad and remote controller of the projector.



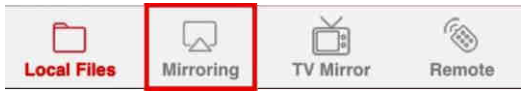
Note: Air mouse on iPhone or iPad is not as smooth as on android phone, and unable to do calibration. We suggest to use the touch mouse and touch keys to control the projector.



Click on any file (pictures, music, video, documents). it will be played or showed on the large display.

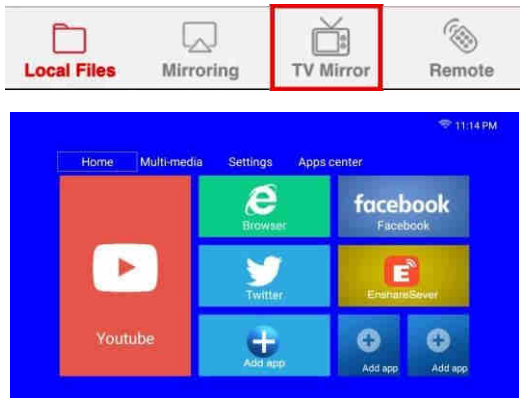
4. Wireless Mirroring

Click on the “Mirroring” button in EShare, the screen will be mirrored to your projector.



5. TV Mirroring

With “TV Mirror” function, you can mirror the screen of the projector to iOS device and touch directly to control it.



4. App Introduction

Some Apps are pre-installed, like, “Happycast” for screen mirroring, “Office suite” for file reading, “Browser” for net surfing.

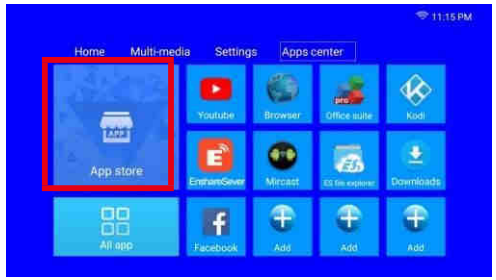
Please connect a mouse to navigate the app as the remote does not have mouse function and sometimes the remote can not navigate the app.

5. Downloading & installign App

First method

Step1: Choose "App Center" on the top tab of the main interface.

Step2: Choose the "App Store" to download and install software.



Second Method:

Search and download apk file of the app on this website: www.apkmirror.com

Copy apk file to USB stick --> Plug USB stick to projector --> ES file explorer-->SD card --> click the apk file to start installation. (Make sure you download the Android TV version)

6. System Parameters

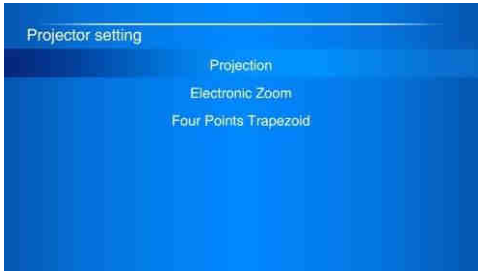
CPU: ARM Cortex A7 quad-core 1.4GHZ
GPU: Mail-400MP
RAM: 1GB DDR3
ROM: 8GB eMMC
Operation system: based on Android 6.0
WiFi: 802.11 b/g/n
IR: IR remote control
Smart phone pusher: HappyCast etc.
Video: 3GP/AVI/FLV/MKV/MP4/MPG/MOV
Pictuer: BMP/GIF/JPG/PNG
Audio: MP3/AAC/FLAC/OGC/WAV

7. Projection setting

Press the direction key to select the “projection settings” in “Settings”. The projection settings include Projection (image flipping function), Electronic Zoom and Four Points Trapezoid.

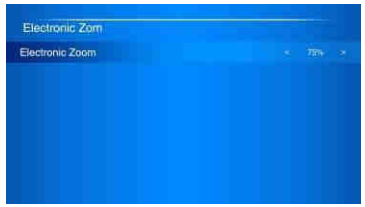
Projection: Front Mode / Back Mode / Invert Front Mode / Invert Back Mode.
Electronic Zoom: Adjustable range 75%-100%.
Four Points Trapezoid: four points of the picture can be adjusted manually from top to bottom, left to right.

Picture 1

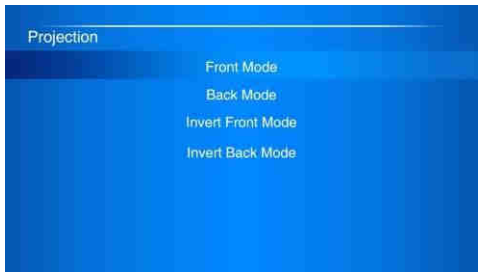


Picture 2

Picture 3



Picture 4



Picture 5

Picture 6

1. Install EShare for iPhone

Open the App Store on iphone or ipad, download and Install “EShare for iPhone / iPad”

2. Connect to Projector

After the installation is completed, launch EShare on your mobile device, and it will start to search for the projector devices in the same network.

Then click on the device name which you want to connect in the device list.

3. Wireless File Streaming

Click on any file (including music, video, picture, office document, PDF, e-book, and so on) on your iphone or ipad then it will be played or showed on your projector.

FCC Warning

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 inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance 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 a particular installation. If this equipment does cause harmful interferenceto 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.

Radiation Exposure Statement

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.