

FANGOR

Full HD Projector

USER MANUAL



F-701

User Manual English 1--23

取扱説明書日本語 24-48

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Safety Instructions & FCC Warning

Important Safety Instructions

- Please use the included AC power cable to power the machine. Only use the included accessories specified by the manufacturer.
- It is normal for the machine to generate heat during operation. To prevent overheating, do not block the ventilation openings.
- **CAUTION:** Do not look straight into the projector lens while on, as it may cause serious eye damage. Do not touch the lens.
- Clean only with a dry cloth.
- To reduce the risk of fire or electric shock, do not expose the device to rain or moisture. Objects filled with liquids, such as vases, should not be placed on these devices, as it may lead to potential accidents that damage the device.
- Protect this device from overexposure to direct sunlight, heat, big temperature fluctuations, and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories are 0°C to 35°C / 0°F to 95°F.
- Avoid any type of impact, as it may damage the internal components.
- Do not make any repairs to this device by yourself. Our company will not cover the warranty if self-repair efforts were undertaken.
- Please contact the seller for technical support when the product has any type of problem, Contact details are revealed at the end of this manual.



FCC Warning

Warning: Changes or modifications to this unit 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.

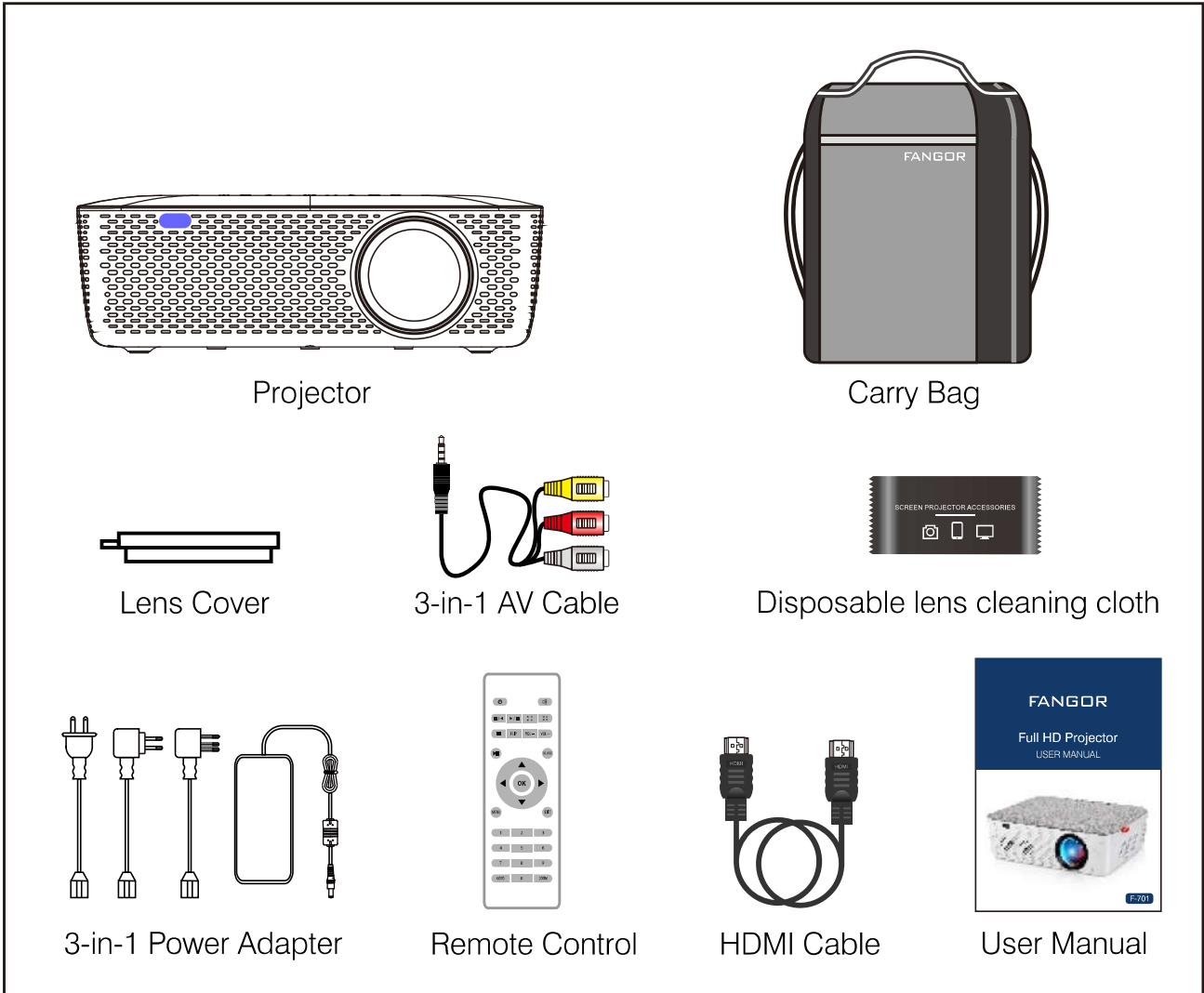
This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful 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.

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.

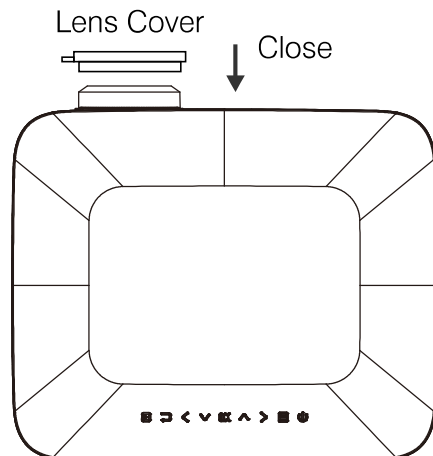
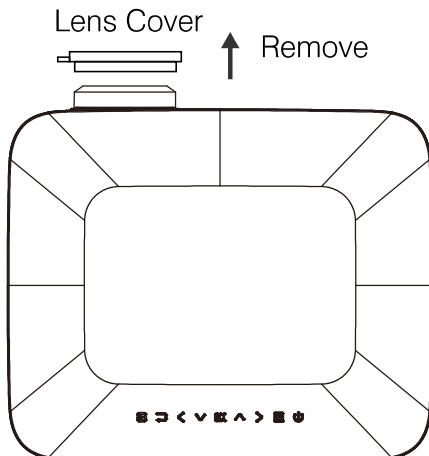
Package Listing



Remove & Close The Lens Cover


Remove the lens cover before using

Close the lens cover when unit not using




Boot Operation Guide

TURN ON

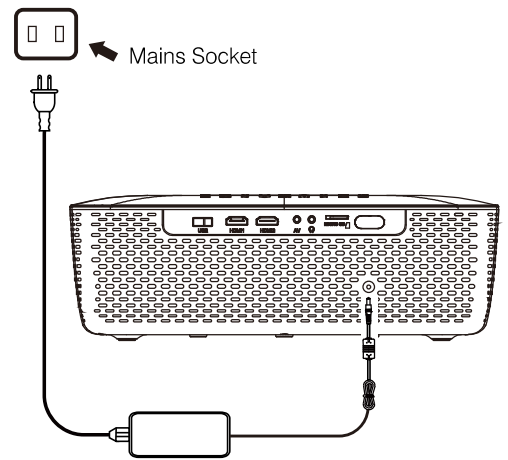
- 1) Plug the projector F-701 into a power source.
Indicator light: Red.
- 2) Press the power button  . Indicator light: Green
- 3) The projector turned on after 5 seconds.

TURN OFF

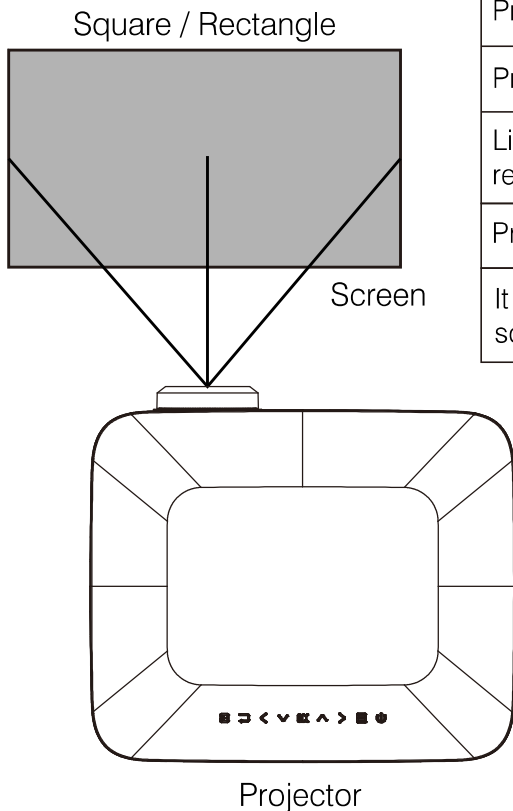
- 1: Turn off the power button 
- 2: Unplug the power adapter.

Note

Please turn off the projector before unplugging the power source, so as not to affect the life and operation of the projector.



Distance Between The Projector And Screen



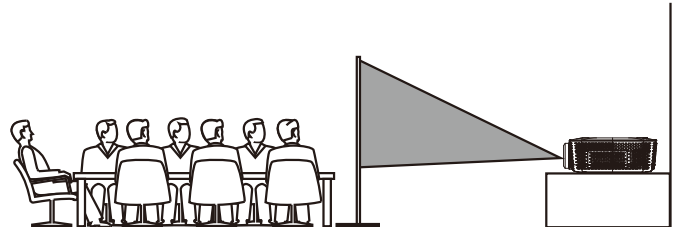
Projection Distance	1m	2m	3m	4m	7m
Projection Size	35 inch	65 inch	100 inch	150 inch	300inch
Light, brightness, etc. will affect the projection distance, this data is for reference only.					
Projection Position					
It is recommended to place the projector in front of the center of the screen.					

Viewing Options

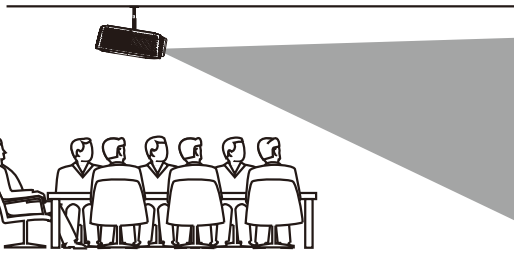
The projector can be used to project onto a wall or screen, mounted from the ceiling or on a table. When projecting from the rear position, a special screen will be needed (not included) to display the image. Be sure to aim the remote at the sensor on the front or rear of the projector.



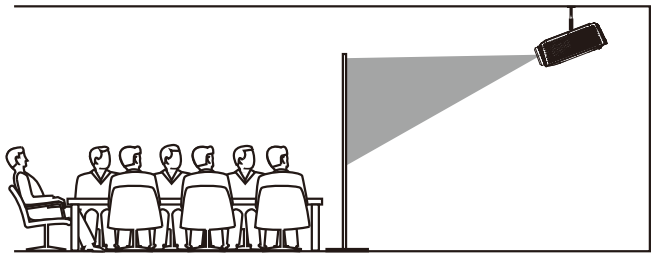
Front Table



Rear Ceiling



Front Ceiling



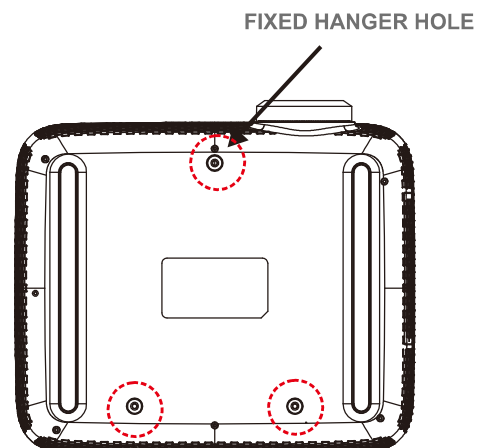
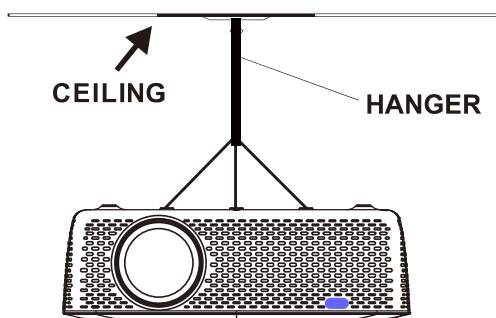
Rear Ceiling

Placing Your Projector On Ceiling

When installing the projector in the ceiling, please purchase a projector mount recommended by an installation professional and follow the instructions that come with the mount.

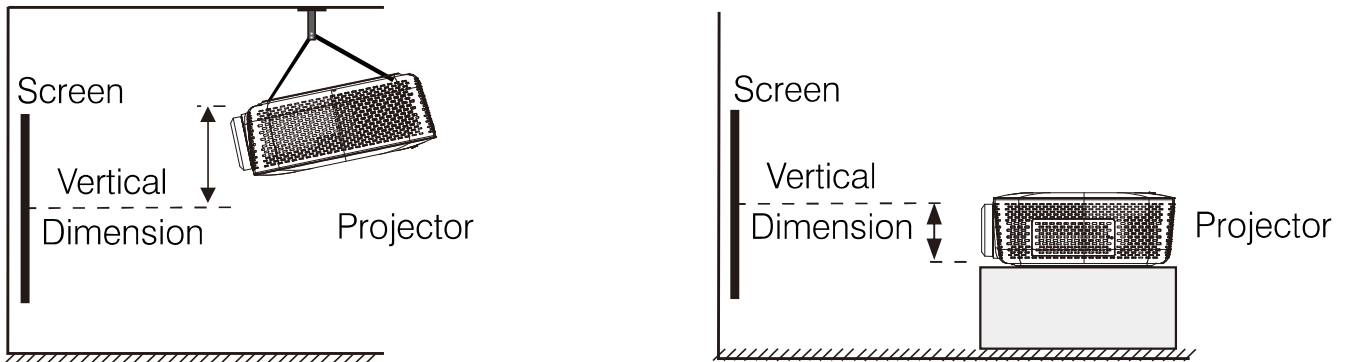
Before installing the projector in the ceiling, please check to make sure the ceiling structure can support the weight of the projector and the mount. If in doubt, please ask the advice from an installation professional.

NOTE: Projector mount and screw(s) not included



Adjust the Vertical Location

Follow below picture to adjust the vertical location

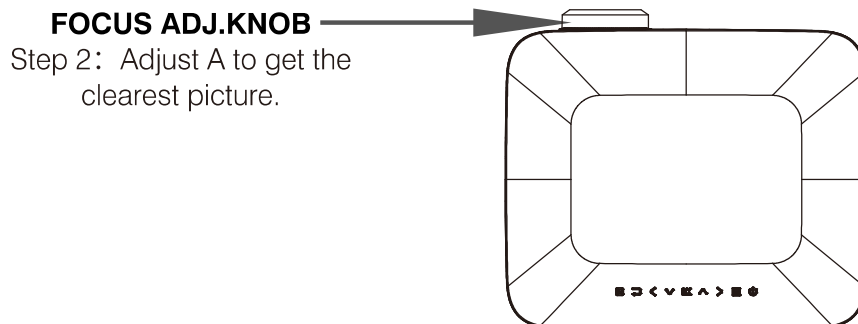


Adjust the Focus and Keystone

● As shown in Picture, Rotate the edge of the lens until you get a clear picture.

Note: Please avoid touching the lens.

If you touch it accidentally, Please wipe with the cleaning cloth in the accessory bag.

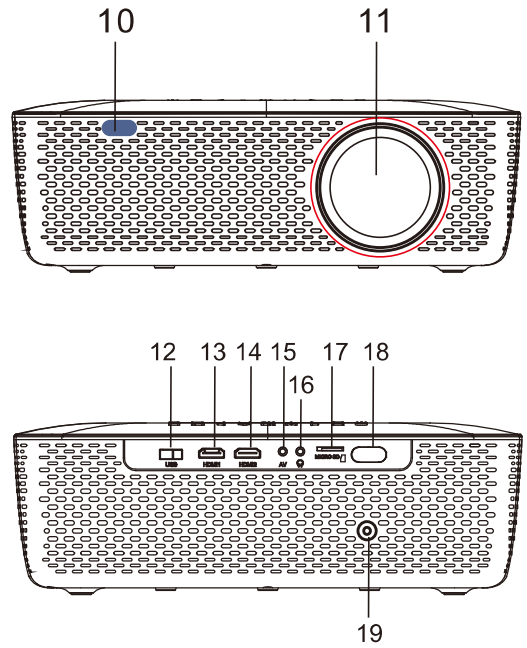
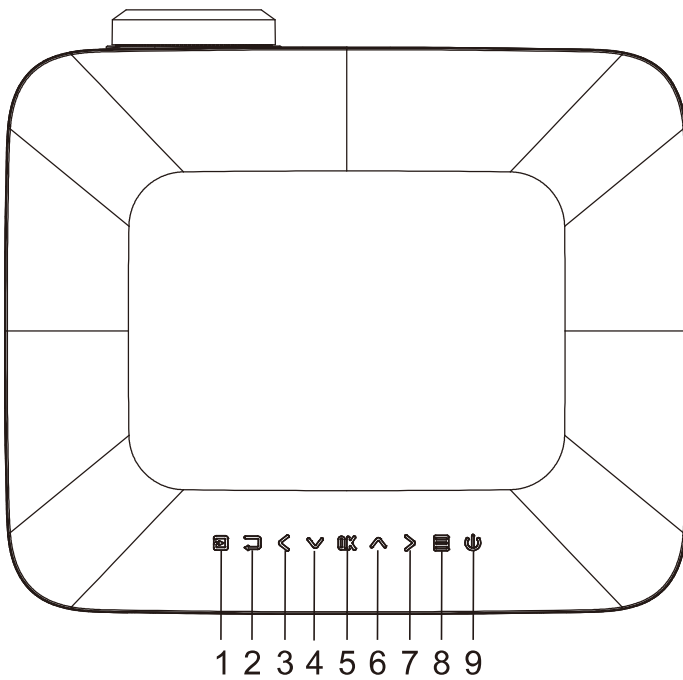


● Keystone Correction on the remote control

Path1: On the remote control, press or .

Path2: Click "SETUP" -select "Option"-click "Keystone Correction"-Adjust by Up and down keys on remote control.

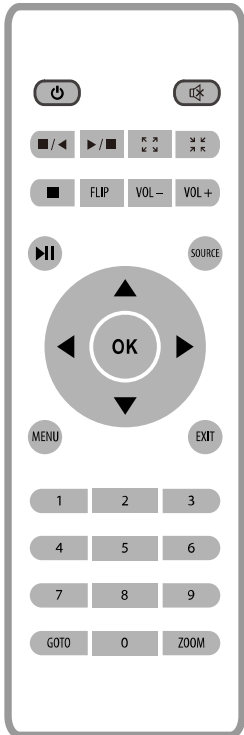
Functional Overview



- 1. Source
- 2. Return
- 3. Left
- 4. Down
- 5. OK
- 6. UP
- 7. Right
- 8. Menu
- 9. Power On/Off

- 10. IR Window
- 11. Lens
- 12. USB Port
- 13. HDMI 1 Port
- 14. HDMI 2 Port
- 15. AV Port
- 16. Audio Port
- 17. Micro SD
- 18. IR Window
- 19. DC Port

Controls of Remote



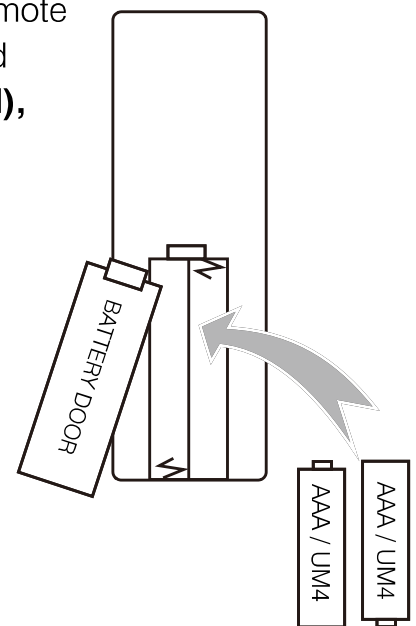
Power	Press to power ON. Press and hold to power OFF.
	Press for keystone correction. 0° to ± 22°
	Press for digital zoom. 0.1.2.3.4.5.6.7.8.9.10.
Play/Pause	Press to play or pause an individual chapter or track
Arrows/OK	Press to navigate and confirm selections in Settings and other menus
MENU	Press to access projector Settings
GoTo Number Keypad	Press to enter specific chapter or track numbers. Use play button to begin playing
MUTE	Press to mute volume
back/fwd	Press to reverse or fast forward during playing video/music
VOL+/VOL-	Press to adjust audio level.
SOURCE	Press to select media source (AV, PC, HDMI, MEDIA).
EXIT	Press to exit menus.
ZOOM	Zoom with X/Y axis; Scale: 0-10.

Install Remove Battery Of Remote

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 (**2XAAA batteries not included**), referring to the polarity markings. Finally, replace the cover.

NOTE:

- 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.



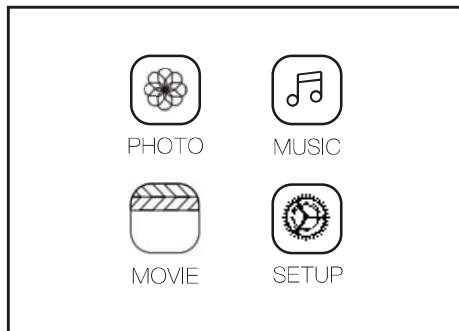
Connection Instructions

Select an input source

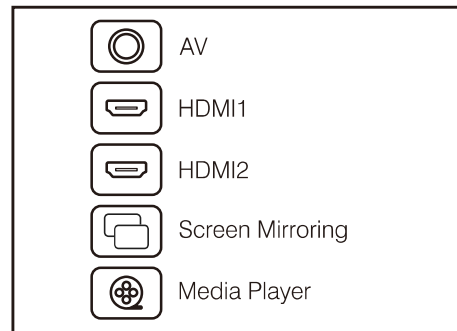
You will see the picture below when the projector is turned on.

You can choose between the different input sources (AV / HDMI1 / HDMI2 / Screen Mirroring/ Media Player) by pressing the " Source " button at the projector touch panel, or remote controller.

You can connect different devices with the projector, according to the following connection instructions.



Interface



Source

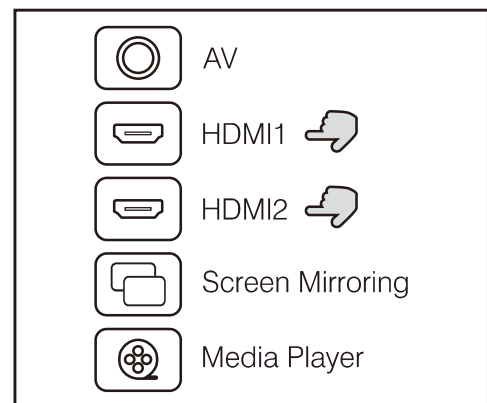
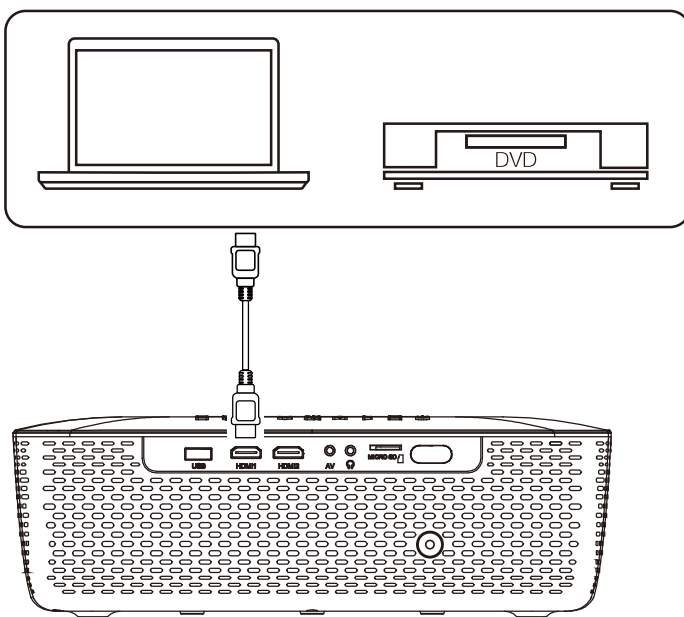
HDMI device connection

The projector can connect to devices with HDMI input function. It is compatible with laptops, DVD players, Blu-ray players, Chromecast, TV Stick, etc. An HDMI cable is included.

The F-405 projector is equipped with 2 HDMI input ports,

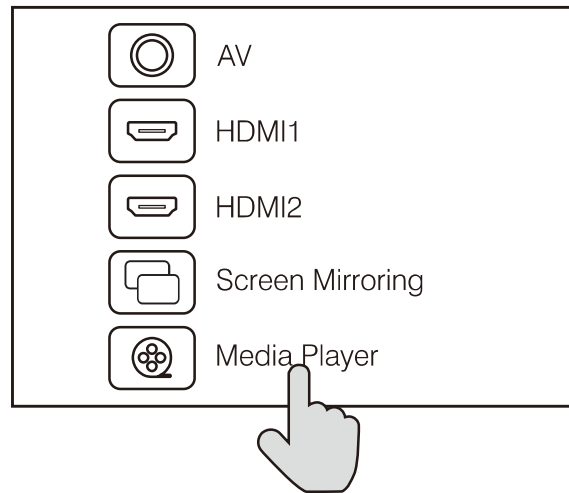
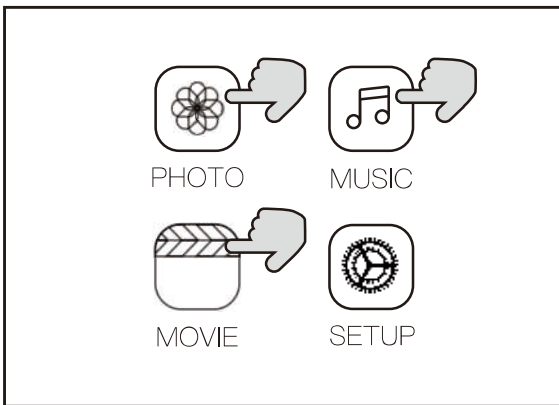
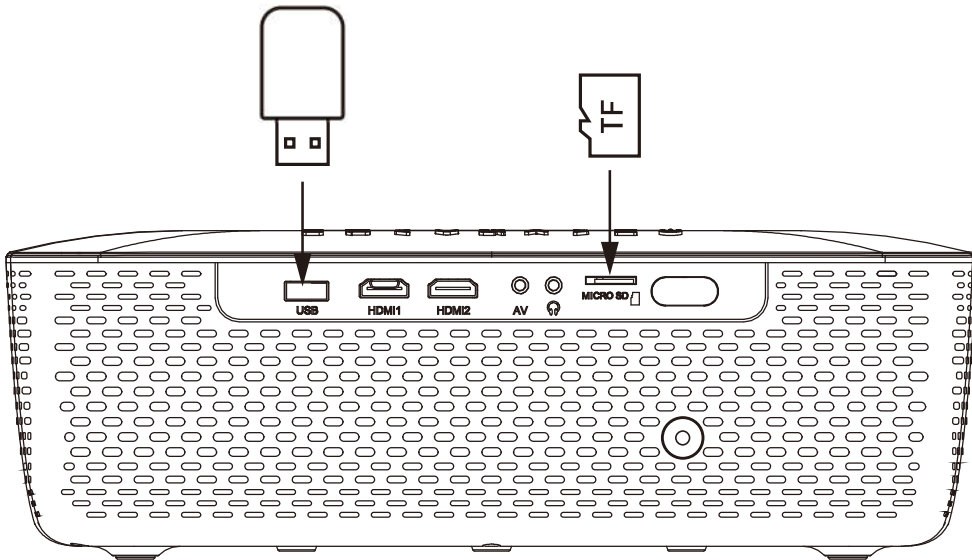
① If you connect your devices to the projector via "HDM 1" port, please choose "HDMI 1" input source.

② If you connect via the " HDMI 2" port, please choose the " HDMI 2" input source.



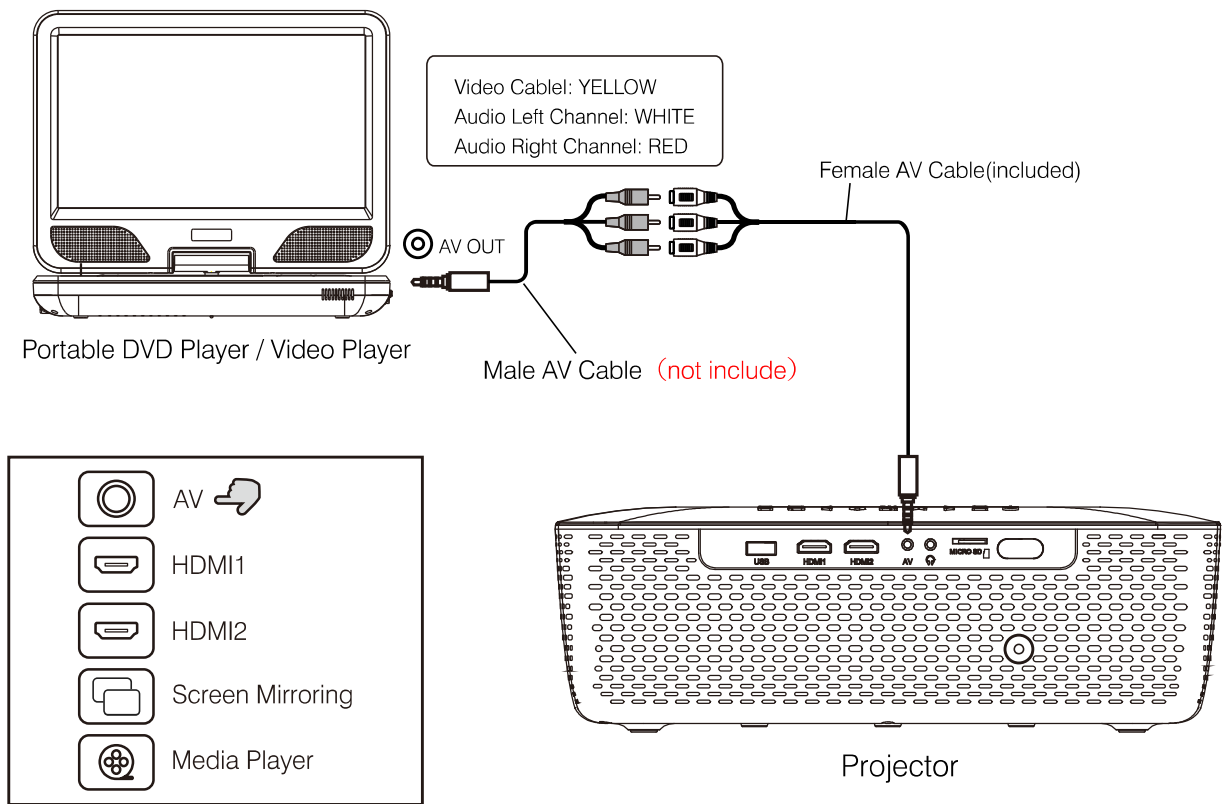
Multimedia connection

Insert USB / Micro SD card (TF card) into the corresponding slots (as shown in the picture). Choose Media source, Select " Video ", " Music ", " Picture " to enter the content you want to play.



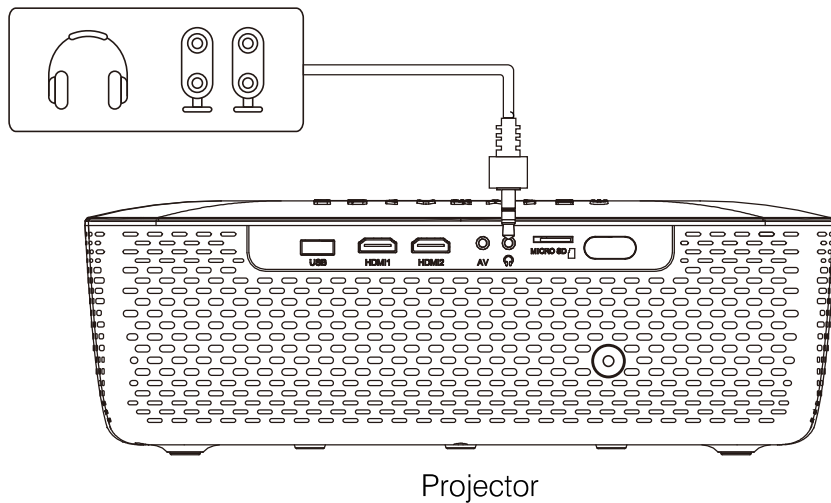
AV video device connection

Connect the projector AV interface with the AV cable , as is shown in the pictures.

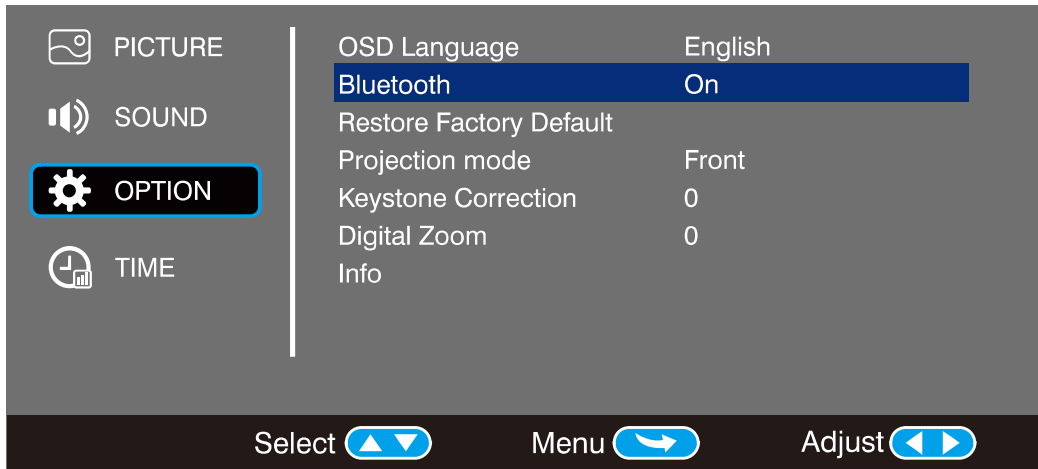


Audio devices connection

The projector can connect to a headphone and to a wired audio system using a 3.5mm jack (not include)



Using Bluetooth playback



Bluetooth On/Off	Bluetooth is OFF by default when the projector first powers ON
Pairing to Bluetooth Wireless Speaker	Turn on Bluetooth. The projector will begin searching for a nearby Bluetooth device, choose one and connect successfully.
	When successfully connected, the projector will display the Bluetooth name on the top right portion of the Main Menu screen, and you will be heard through the Bluetooth receiver
Attention	
The Bluetooth function only supports audio devices. Smart phone, tablet, or computers can not connect to the projector! ! !	
About automatically connect. After the initial pairing, The device will keep the pairing status all the time when Bluetooth functions for both devices are opened. To ensure that you can hear from the projector next time, we suggest that turn off the Bluetooth function before the turn off the projector.	
When you try to connect a new blue tooth speaker please turn off the previous speaker /headphone and re-search your new Bluetooth device for connecting.	

Connect to Smartphone/Pad

Connection guide	Wireless Connection	iOS (Two Methods)	With WiFi
			Without WiFi
	Android (Two Methods)	With WiFi	
		Without WiFi	
Wired Connection	iOS(One Method)	USB to Lightning Cable	
	Android(One Method)	Usb to Micro USB/Type C Cable (Need to Download the APP)	
Please check your wireless environment first and then connect your device with the correct way by below introduction.			
NOTE: Depend of WLAN environment, it is normal that the process to loading the IP address or Scan QR code may take some seconds, please be patient!			

1. Wireless Connection to Smartphone/Pad

1.1 Wireless Connection to iPhone/iPad.(iOS)

For IOS device, considering there are two different operating environments:

- A) With WiFi environment.
- B) Without WiFi environment.

A) IOS device with WiFi Environment.(Recommended)

Step1: Turn on the projector and press the "source" button on the remote control or projector's button.
Click to enter the "Screen Mirroring" on the projector.
(Loading time 5-10 seconds)



Step2: Open the WiFi function on your smartphone/pad, and connect to the projector's SSID (name and password showed on the screen)

MiraScreen

Wi-Fi
SSID: Dualcast-2677E9A8 PSK: 30661238

[0]

EZMira

Android

↓ MIRAPLUG APK

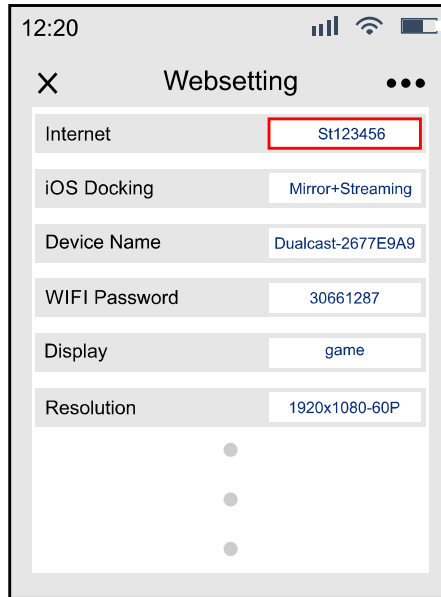
↓ PJ-BT

Help/Download: mirascreen.com

Wi-Fi Setting: 1: Mobile phone connection SSID
2: Scan QR code or Log in <http://192.168.203.1>

Step3: Enter the URL:http://192.168.203.1 on the browser(or scan the QR code)

Step4: Connect your Home WiFi on the browser page.



Step5: Open the Screen Mirroring on you phone , and choose the correct SSID name. Then the connection is succeeded.



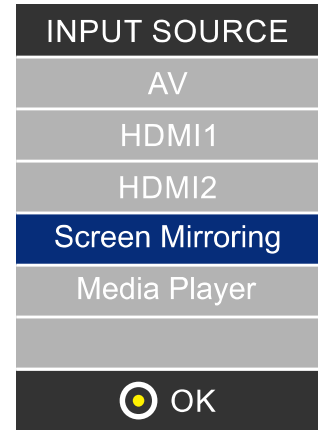
Tips: When you connect for the second time, Please make sure the phone is connected to the SSID;

Switch the projector to the "screen mirroring" page, and click the "screen mirroring" on your phone, the connection is successful.

B: iOS device without WiFi environment.(Use the phone's network data)

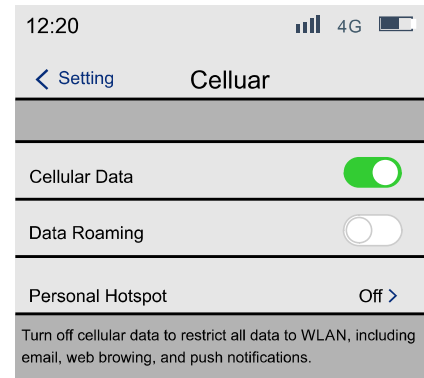
Step1: Turn on the projector and press the "source" button on the remote control or projector's button.

Click to enter the "Screen Mirroring" on the projector.
(Loading time 5-10 seconds)



Step2: Open the WiFi function on your smartphone/pad, and connect to the projector's SSID(name and password showed on the screen)

Step3: Choose "Cellular Data" and turn on it.



Step4: Open the Screen Mirroring , and choose the correct SSID name.
Then the connection is succeeded.



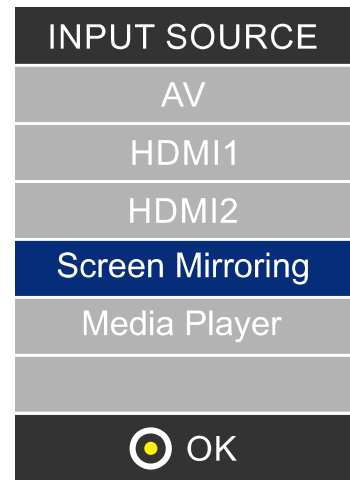
1.2 Wireless Connection to Android Phone.

For Android device, considering there are two different operating environments :

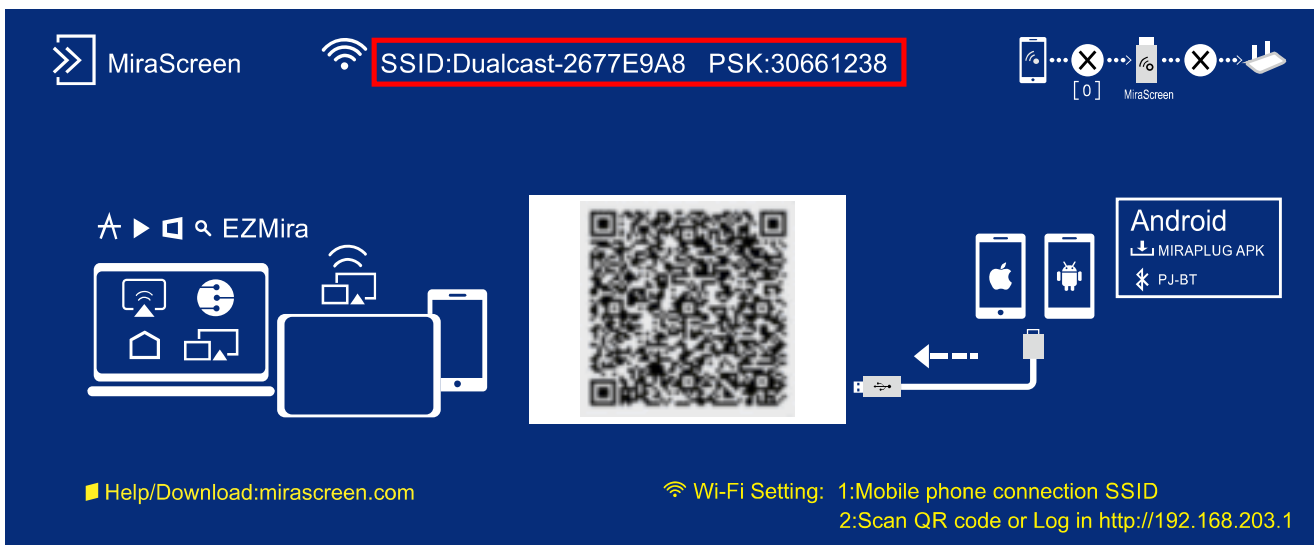
- A) With WiFi environment.
- B) Without WiFi environment.

A: Android device with WiFi Environment.

Step1: Turn on the projector and press the "source" button on the remote control or projector's button. Click to enter the "Screen Mirroring" on the projector. (Loading time 5-10 seconds)



Step2: Open the WiFi function on your smartphone/pad, and connect to the projector's SSID(name and password showed on the screen)



Step3: Enter the URL: <http://192.168.203.1> on the browser(or scan the QR code)

Step4: Connect your home WiFi on the browser page.



Step5: Open the Multi-screen/ Miracast" function on the Android device.

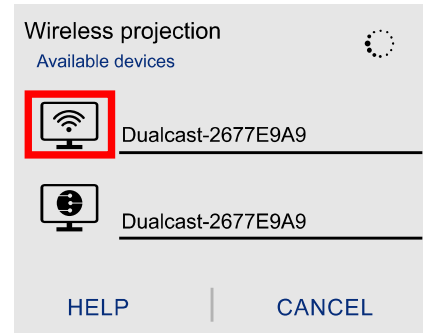
Step 6: Choose the correct SSID name, then the connection is succeeded.

Due to the diversification of Android Phone, when you open the Multi-screen function, there may appear two WiFi names.

How to choose?

①Choose the one with the WiFi logo ,

②If there is no WiFi icon , the first one is selected by default.



Tips: When you connect for the second time, Switch the projector to the "Screen Mirroring" page, and click the "Screen Mirroring" on your phone, the connection is successful.

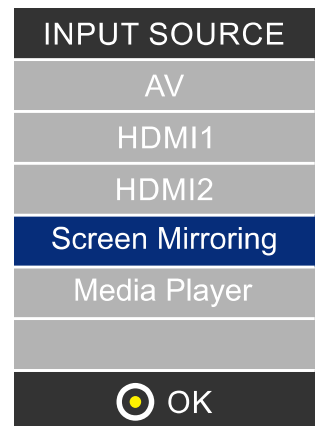
(No need to perform the Step 1-4)

B: Android device Without WiFi environment.(Use the phone’s network data)

Step1: Turn on the projector and Open the "source" with the remote control or projector’s button.

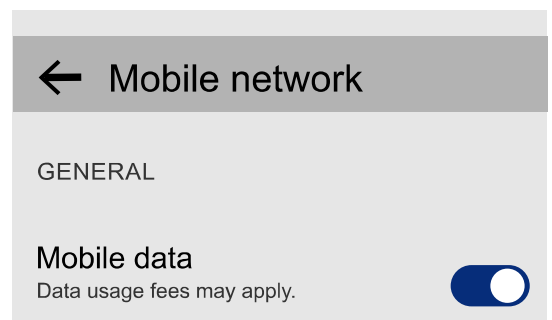
Click to enter the "Screen Mirroring" on the projector.

(Loading time 5-10 seconds)

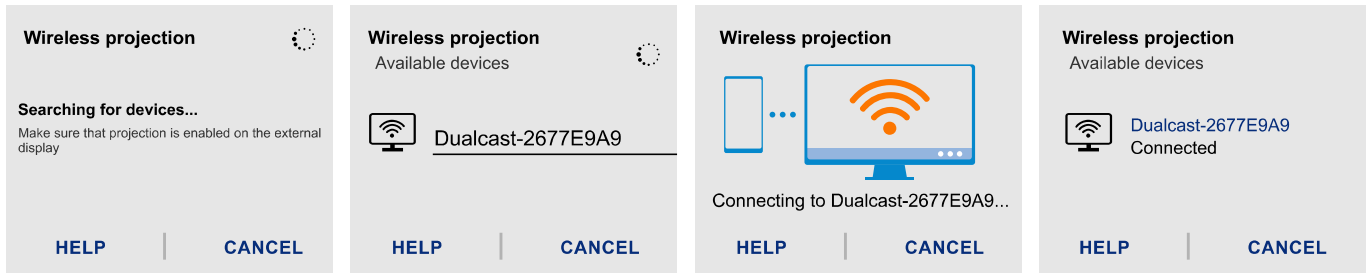


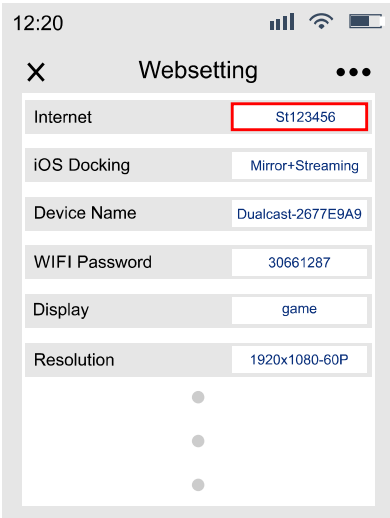
Step2: Click "WLAN" on your Android device, turn on the "WiFi-Scan" function , **But do not connect any WiFi.**

Step3: Choose "Phone Network Data" and turn on it.



Step4:Open the Multi-screen/Miracast on your Android device , choose the correct SSID name.Then the connection is succeeded.



Note	
Conditions for WiFi connection	Please make sure the home network environment in well conditions
The Name about "Screen Mirroring"	Different android devices have different names for the Wireless sync display, such as Screen mirroring , Screen sharing, Multi-Screen etc. If you cannot find it, please consult your mobile phone supplier.
Wireless connect without WiFi	Please turn on the WiFi in your smartphone, but do not Connect ANY WiFi! Otherwise it will affect the projector's WiFi Signal.
Wireless connect without WiFi	Please turn on the WiFi in your smartphone, but do not Connect ANY WiFi! Otherwise it will affect the projector's WiFi Signal.
	<p>Set up when you scan the QR code(or enter the URL in the browser)</p> <ul style="list-style-type: none"> ①Use the IP connect to you Home WiFi. ②Device Name can be modified. ③WiFi Password can be modified. <p>When you change the Device Name and WiFi Password, you need to restart the projector, SSID and PSK will be updated; Needs to re-click the screen mirroring on your phone and connect it.</p> <ul style="list-style-type: none"> ④If the home WiFi is modified, please re-scan the QR code to connect WiFi. ⑤Before the connection is successful, please make sure that mobile phone network data is turned on. ⑥All the tips(①-⑤)above for wireless connection to iOS/Android. (With WiFi environment)
About turning on the projector	The projector has a memory function, when you turn it back on, it will display the page before shutdown by default.e.g. If you were using HDMI before shutdown, it will automatically enter HDMI model in the next time restart.

2. Wired Connection to Smartphone/Pad

2.1 Wired Connection to iOS. (iPhone/iPad)

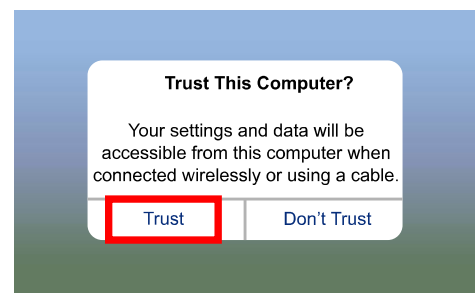
Step1: Turn on the projector and pres the "source" with the remote control or projector's button.

Click to enter the "Screen Mirroring" on the projector.
(Loading time 5-10 seconds)



Step2: Connect your IOS device with the projector's USB port via USB to Lightning Cable.

Step3: Click "Trust" and input your screen lock password. If no password, ignore it.

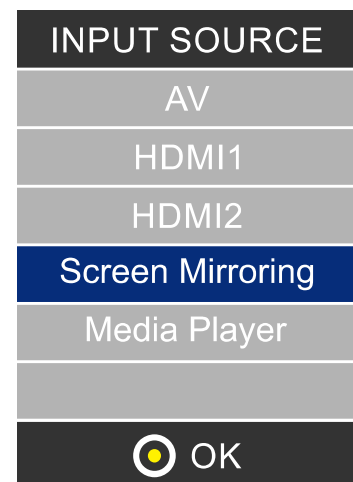


Step4: Then the connection is succeeded.

2.2 Wired Connection to Android Phone.(Need to download the APP: MiraPlug)

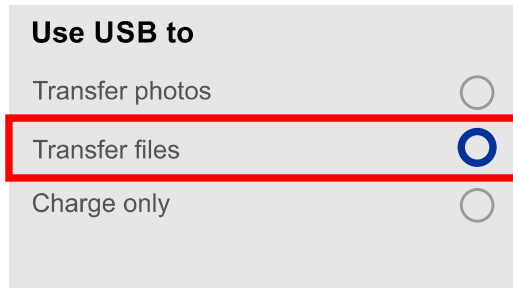
Step1: Turn on the projector and Open the "source" with the remote control or projector's button.

Click to enter the "Screen Mirroring" on the projector.
(Loading time 5-10 seconds)



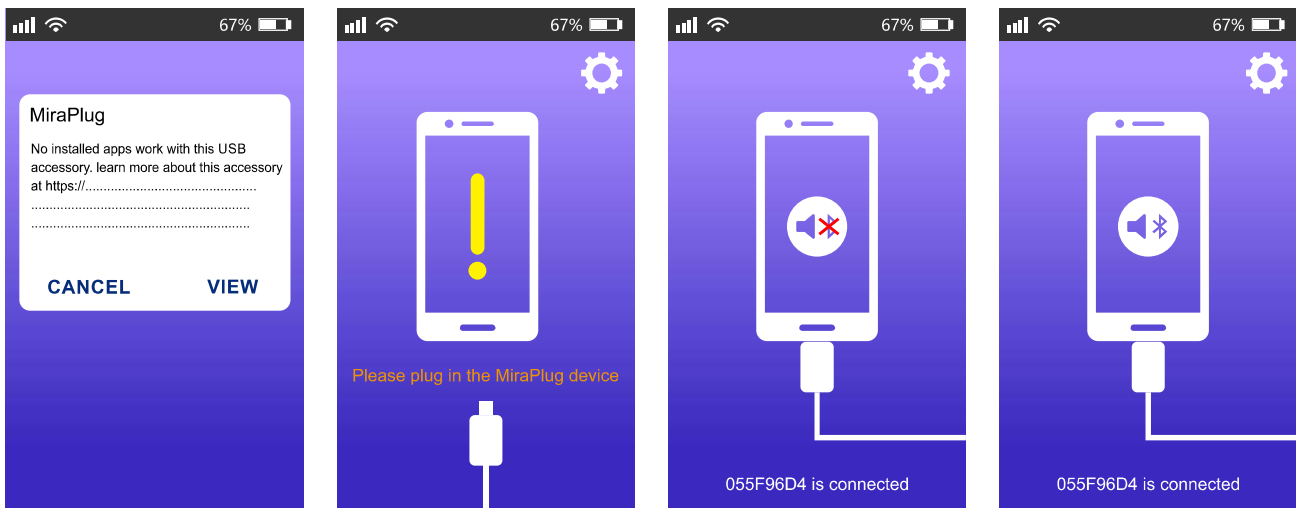
Step2: Connect your Android device with the projector's USB port via USB to Micro/Type C Cable.

Step3: Choose USB Transfer Method(Transfer files)and open USB debugging.



Step4:Follow the prompts of the APP.

- ①DownLoad MiraPlug;
- ②Re-plug the USB Cable to activate the APP;
- ③Click ,Connect Bluetooth according to the prompt tone (Bluetooth name : PJ-BT);
- ④Back to UI interface.Then the connection is succeeded.



Note	
When download the app	The Android phone may prompt that the app not safe, Please ignore this prompt, and continue to download.
About turning on the projector	The projector has a memory function, when you turn it back on, it will display the page before shutdown by default.e.g. HDMI is displayed before shutdown, and HDMI is automatically displayed on the next time.
Tips for wired connection	After entering the screen Mirroring, we suggest to plug the USB into the projector first, and then connect the phone to the USB cable.
	If the connection is accidentally disconnected and the phone does not reconnect successfully, please restart the projector.

FAQ**Q: Why can my projector not be turned on?**

A: Please be sure that the AC power cable is plugged in tightly, and press the power switch on the projector's panel or use the remote controller to turn it on.

Q: The projector is turned on, but no image is displayed

A: ①Please make sure your device is connected to the projector correctly.
②Check the lens cover has been removed.
③Check if the input signal source is correct, and then switch into projection mode, Wait for a while and operate it again.
④Please make sure that the video source is equal or under 1080P.
⑤ If it is still not working, please contact us for further support.

Q:The Lamp (Bulb) switches off after a period of time.

A:1. Leave the projector to cool for a few moments.
2. Once cooled, check if anything is blocking the ventilation vents.
3. Turn on the projector.
If the issue persists please contact us.

Q: When playing a video, is see the image but I hear no sound

A: If you connect to your laptop via a HDMI adapter. The audio cable of the adapter needs to be plugged into the audio output port from your laptop to the projector using a 3.5mm audio jack.

Q: The projection is not bright enough

A: We recommend using the projector in a relatively dark environment to bring out the best image brightness.
This project is designed for Home Entertainment and s not recommended for Power point or other business presentations.

Q: Spots on the screen.

Using a vacuum cleaner to dean the lens. If cleaning does not resolve things, please contact your support provider for further assistance.

Q: I get a blurry image?

A: The recommended projection distance is 3-5m. Please adjust the Keystone correction to get a rectangular image first, then adjust the Focus to get a clear image.

The optimal focus is obtained when the pixels are clearly visible. If the projection size is too large, the focus near the screen edges may be less sharp than at the screen center.

Q: My projector noise is too loud, is it broken?

A: The projector noise comes from the fan of its cooling system . Projector generates heat during operation as the light bubble produces strong light to make a bright image. It is normal for the projector to make a loud noise. Brighter the image .louder the sound is. You can place the projector far from where you are, or you can connect a louder speaker to the projector to cover up the noise.

Q: Bluetooth not work.

A:Please note the Bluetooth function is not support to connect with a smartphone or pad etc.

If the Bluetooth speaker or earphone is not able to connect, please contact our customer service, we will help to solve soon.

Q: After scanning the QR code, it prompts to upgrade the system?

A:We will continue to improve customer experience based on market feedback (such as mobile phone system upgrades), so we will upgrade (irregularly).

Q: Can you adjust the brightness/Sharpness of the video?

A: Path: Set up (Click "Source")-Picture-Picture Mode(Choose "User")-Adjust via remote control .For non-professionals, we recommend using the default value.

Need to know more.....

Email: us-projector@fangor.cn

Website: www.fangor-store.com

You can find the operation video on FANGOR official website.

Specifications

Light Source Type	LED
Display Native Resolution	1920 x 1080P
Supported Video Resolution	1080p, 1080i,720p, 576i,480p,and 480i
Power Input Connect Included Adapter	DC 19V 7A
Included Adapter Connect DC input of the unit	Input AC100-240V , 50/60HZ; Output DC19V , 7A
Display Color	6000K~9000K
Dolby Sound	Support
Keystone	±45°
Connect Types	HDMI / USB / Micro USB(TF) / AV / Audio
Input	HDMI*2 / AV*1 / Micro USB(TF) *1 / USB*
Output	Audio Out *1/Bluetooth
USB Port	Support USB device up to 128GB
SD Card	Support SD card up to 128GB
Supported image format	*.jpg*.png*.bmp
Supported audio formats	*.mp3*.wma*.ogg*.aac*.flac
Supported video formats	.avi*.flv*.rmvb*.mkv*.mp4*.mov*.mpg*.mpeg*. ts*.tp*.vob
Weight	2.46kg
Dimension	304.5*103*253mm

Warranty

Customer support

If you have any questions about this projector, please contact us.

Email: us-projector@fangor.cn