

# **P7 Projector**

## **User Manual**



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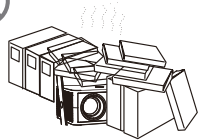
## Safety Instructions

Read all instructions before you use this device. Do not make any changes or create settings that are not described in this manual. If physical injury, loss of data or damage is caused by failure to follow instructions, the warranty does not apply.

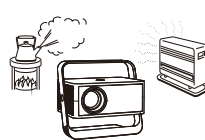
### • Setup

1. 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 this device.
2. Do not place this device on soft surfaces such as tablecloths or carpets, otherwise the device could be a fire hazard.
3. Do not place this device in areas susceptible to excessive dust and dirt or near any appliance generating a strong magnetic field.
4. To prevent overheating, do not block or clog the ventilation openings.
5. Never place this device in a confined space. Always leave enough space around this device for ventilation.
6. Protect this device from overexposure to direct sunlight, heat, large temperature fluctuations and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories is (0°F to 95°F).
7. When this device is running for a long period of time, the surface may become hot. Shut it down immediately and unplug the charger. Resume operation after this device has cooled down.
8. Always handle this device with care. Avoid touching the lens. Do not allow children to handle the device without supervision.
9. Never place heavy or sharp objects on this device.
10. To avoid electric shock, do not disassemble.
11. Use attachments or accessories specified by the manufacturer only.
12. Avoid extreme vibrations as they may damage the internal components.

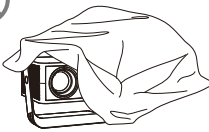
The following safety instructions ensure the long service life of the projector to avoid fire or electric shock. Please read carefully and pay attention to the following warnings.



Don't install the projector in sites with improper ventilation.



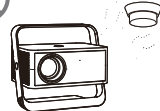
Don't install the projector in hot or humid sites.



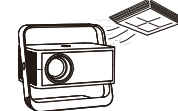
Don't cover the projector ventilation holes with any material.



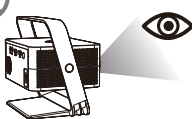
Don't install the projector in dust or smoke sites.



Don't install the projector near the temperature or smoke transducer. It may cause a sensor failure.



Don't install the projector in sites with direct blowing of warm or cool air-condition wind.



Please do not look into the lens when the projector is working, otherwise it may hurt your eyes.



Please keep the projector away from water or any other liquid as it is not waterproof.

- **Notice**

(1) Please use the power cord with caution to avoid unduly bending. A damaged power cord may cause electric shock.

(2) Please use the projector with caution to avoid dropping or shaking, which may damage the internal components.

(3) Please use the same power voltage as marked on the projector.

(4) Please use the projector in a dark room for the best results.

(5) Please do not disassemble the projector by yourself, otherwise the warranty will be void.

(6) Please do not look into the lens when the projector is working, otherwise it may hurt your eyes.

(7) Please turn off and unplug from the power supply if not using the projector for a long time.

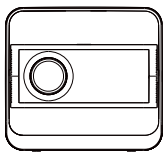


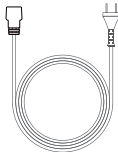
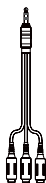

- **Disposal**

E-waste recycling instructions

All electronic waste is made up of deadly chemicals such as lead, cadmium, beryllium, mercury, and brominated flame retardants.

Disposing of gadgets and devices improperly increases the chances of these dangerous chemicals contaminating the soil, polluting the air and leaching into water bodies. Please find an e-waste recycler who is officially certified by the Basel Action Network (BAN).

## What's Included

 <p>Projector x1</p>	 <p>User Manual x 1</p>	 <p>Remote Control x1 (Batteries are not included)</p>
 <p>Power Cord x 1</p>	 <p>AV Signal Cord x 1</p>	 <p>HDMI Cable x 1</p>

### Tips:

#### 1. Blurry Image

\*Firstly, if the auto keystone does not meet the requirements, please correct the keystone to be rectangular.

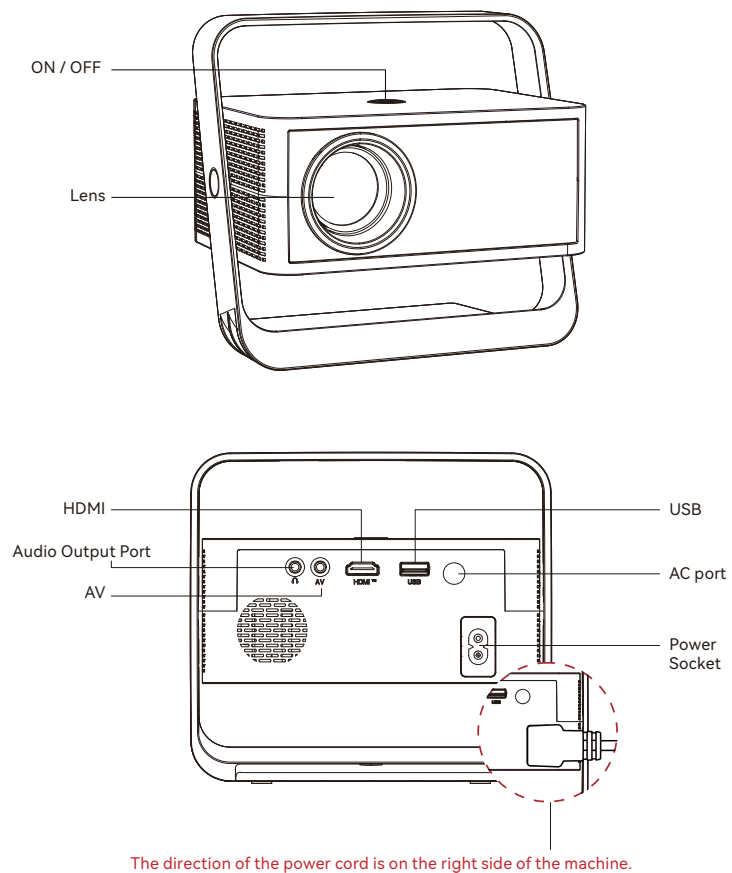
\*Second, Press the focus button on the remote control to obtain the best clarity.

\*If there is any part missing, please contact our customer service email address in the Quick Start Guide or contact the seller you bought this device.

#### 2. Mounting Hole

Adopting a single mounting hole dual-use design, the projector is compatible with the standard camera tripod and 1/2 inch screw projector tripod stand. Meanwhile, you can rotate the screw 360° to meet different angle needs.

## Projector Diagram





## Remote control



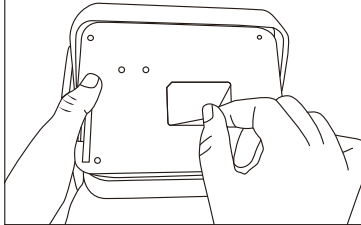
### • Attention:

1. Do not submerge the remote control in the water.
2. Do not put the remote control near fire or in wet or hot places.
3. Do not use old and new batteries together in the remote control.
4. Please take the batteries out if not using the remote control for a long time to avoid battery leakage.
5. Please point the remote control towards the IR receiver.
6. If this part is missing, please contact our customer service email address in the Quick Start Guide or contact the seller you bought this device.

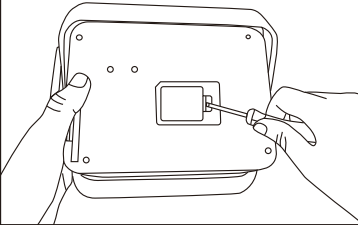
## Cleaning Steps

### Steps for Cleaning Dust

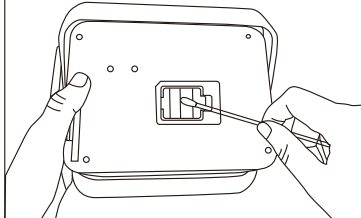
- 1 Flip over the projector and remove the nameplate.



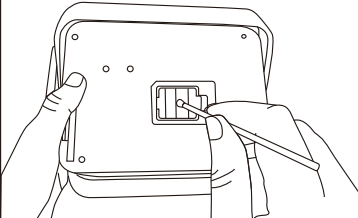
- 2 Use the screwdriver to unscrew and pry open the black bottom plate.



- 3 Carefully search for dust or stain on the LCD screen. Once you find them, do not use hands to remove them.



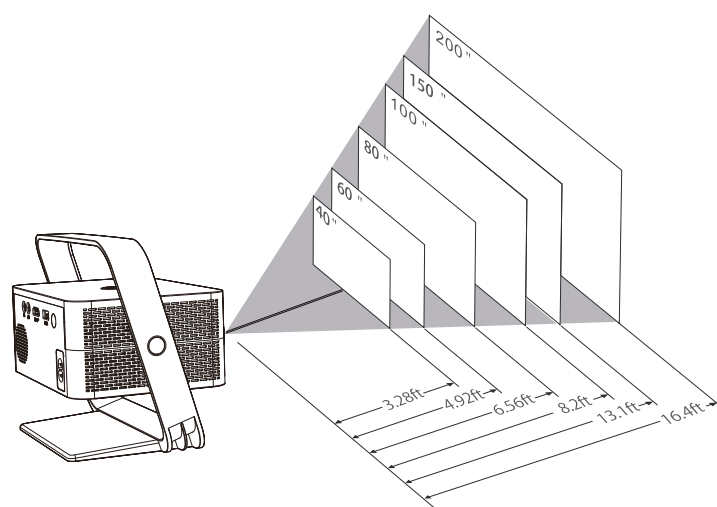
- 4 Dip the cotton swab in rubbing alcohol to remove all the dust. Then flip and clean the other side.



#### Note:

Do not wipe directly with your hands to prevent adverse effects on machine parts!

## Projector Distance & Size



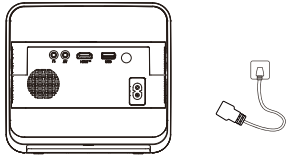
### Notice:

The recommend distance is 4.1ft-16.4ft (1.25-5m) Size: 40-200"  
Optimal projection distance: 4.92ft (1.5m)  
And ambient darkness will improve the image clarity.

## Usage Guide

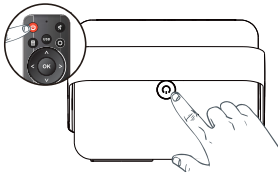
1. Connect the power cord to the projector.
2. Turn on the projector by pressing the power button on the projector or the remote control.

1




Plug the power cord into the projector

2




Press power button to turn on the projector

3




Language selection

4

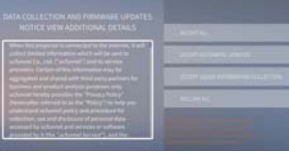


Region selection

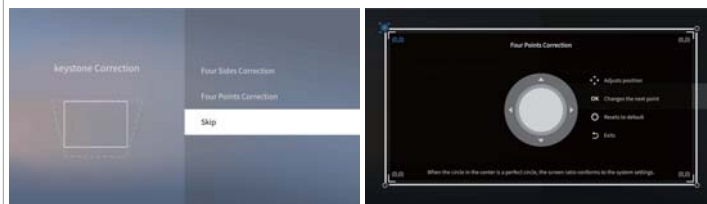
5



Data collection

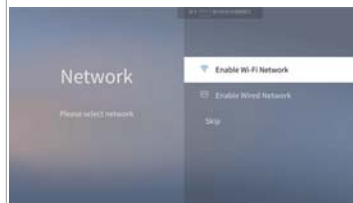


6



Manual Keystone Correction  
If the keystone does not meet the requirements,  
you can be corrected manually again.

7

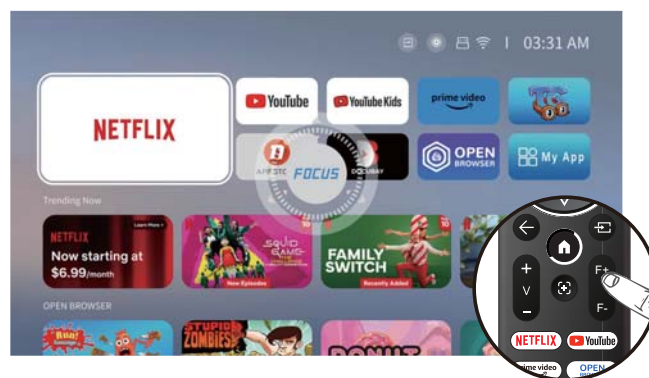


Select Your WiFi Network

8

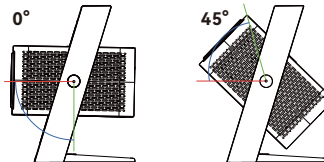


Netflix Settings



- **How to focus**

Press and hold one of the focus buttons on the remote until the image is clear. If the image does not clear and instead becomes more fuzzier, press and hold the other focus button until the image clears up.



- **Best angle:**

Suggested projection angle range: 0°-45°.

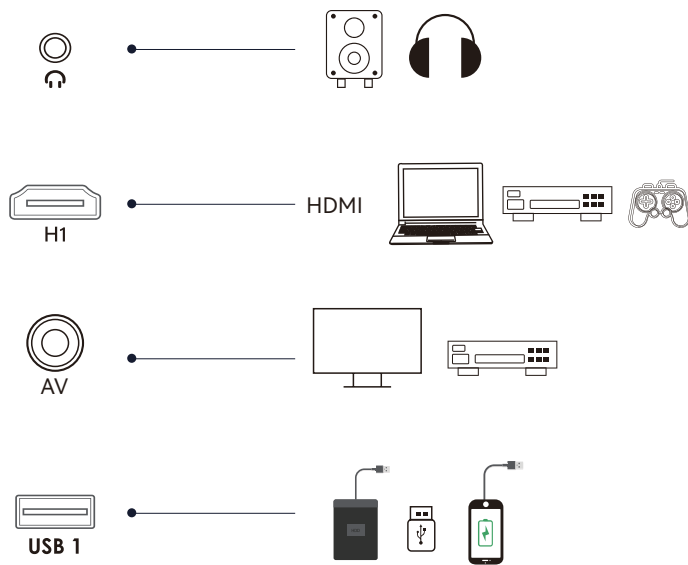


**Tips:**

Generally, press the up or down arrow keys until the image is clear. If the image is not clear and becomes even blurry, long press the opposite arrow key until the image is clear.

## Interface View


- Projector Interface Connection

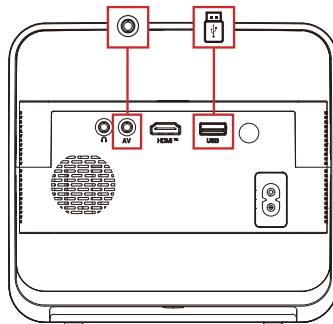



Connect multiple devices and applications.

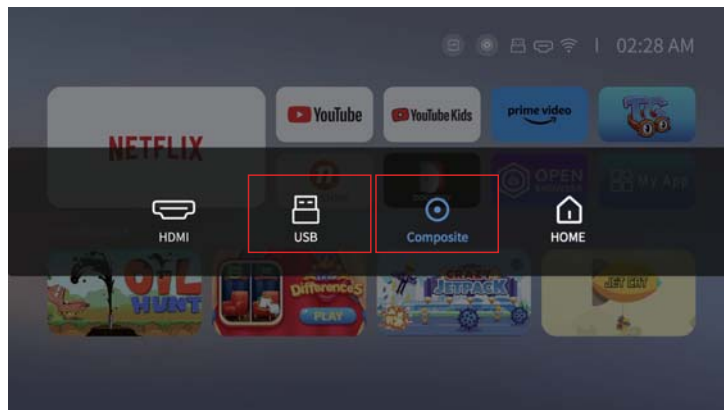
## USB / AV Connection

- **USB /AV Connection**

a. Insert the USB flash/storage hard drive into the USB port Support FAT32, NTFS format, does not support EXFAT format, Press the (  ) button on the remote control and select the corresponding from the menu.



b. Plug the AV cable into the AV port, press the (  ) button on the remote control, and select the Composite counterpart from the menu.





## Support Multimedia Formats

- **Supported Multimedia Formats**

Choose the content which you need to play.

Video Codec						
01	vp9	HEVC / H.265	MPEG1/2	MPEG4	Divx3.11 /Divx4.12/Divx5.x /Divx6/xviD	Sorenson H.263
02	H.263	H.264	AVS	AVS+	AVS2	WMV3
03	VC1	Motion JPEG	VP8	RV30 / RV40	AV1	--


Audio Codec						
01	MPEG1 /layer1	MPEG1/2 layer2	MPEG1/2 /2.5 layer3	AC3(DD)	EAC3(DDP)	AACLC, HEAAC
02	WMA	WMA 10 Pro m0	WMA 10 Pro M1	WMA 10 Pro M2	VORBI S	DTS
03	DTS LBR	DTSXLL	DTS Master Audio	LPCM	IMA-ADPCM MS-ADPCM	G711A/mulaw
04	LBR (cook)	FLAC	OPUS	AC4	Fraunhofer MPEG-H TV audio system	AMR-NB
05	AMR -WB	--	--	--	--	--

Photo Codec						
01	JPEG	PNG	BMP	GIF	Webp	--

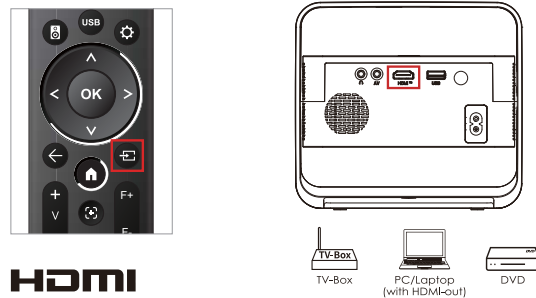
**\*NOTE: Licenses involved in specifications above are supposed to be obtained by customers.**

## HDMI Connection

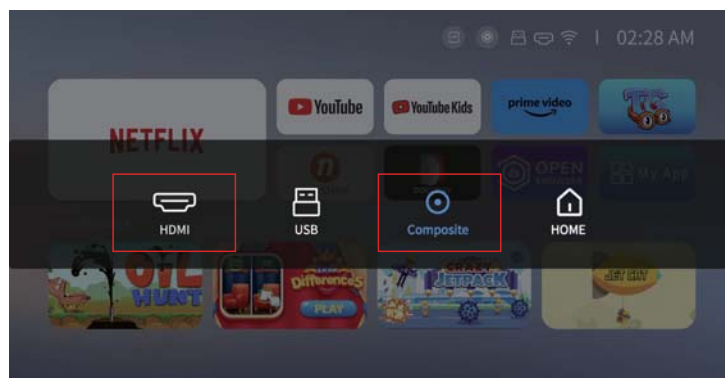
- **HDMI Connection**

- Insert the HD port to connect computer and HD-compatible oevices.**
- Press the(  )button on the remote control and select the corresponding HD signal source(1/2)from the menu.**

Note: After connecting to HDMI, the system will automatically recognize HD access for playback, and you can also cancel automatic playback in HD settings.



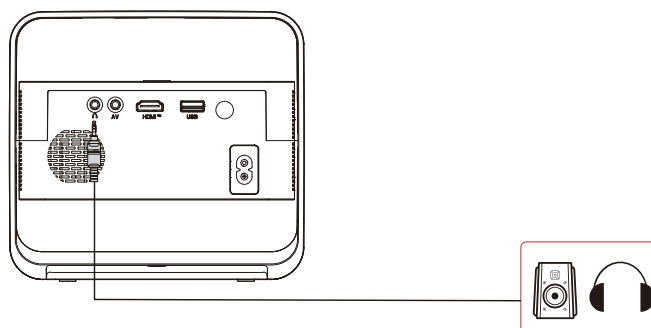
The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



## 3.5mm Audio Connection

- **3.5mm Audio Connection**

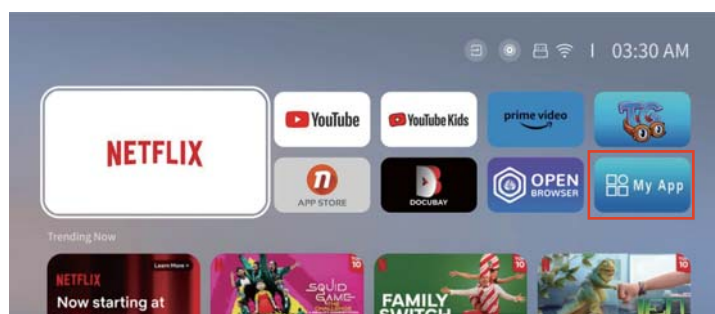
Use a 3.5mm audio jack to connect headphones and speaker equipment.



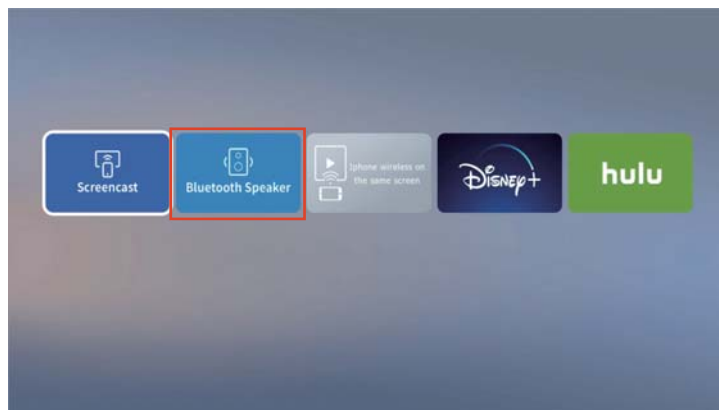
## BT Connection

- **BT Connection**

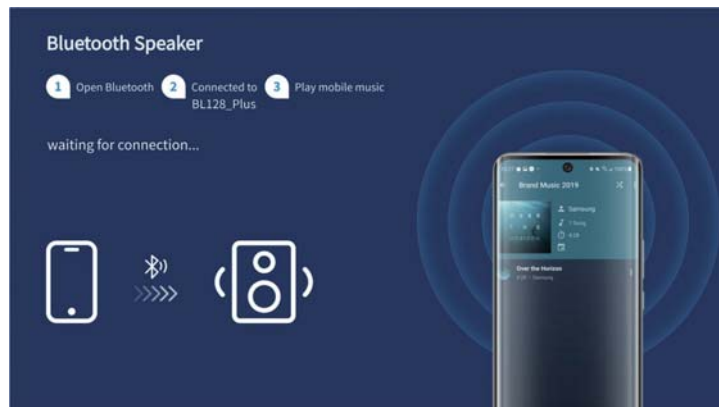
**STEP1.** Select "**My App**" on the projector main interface and click to enter.



**STEP2.** Select the second "Bluetooth Speaker" and click to open.

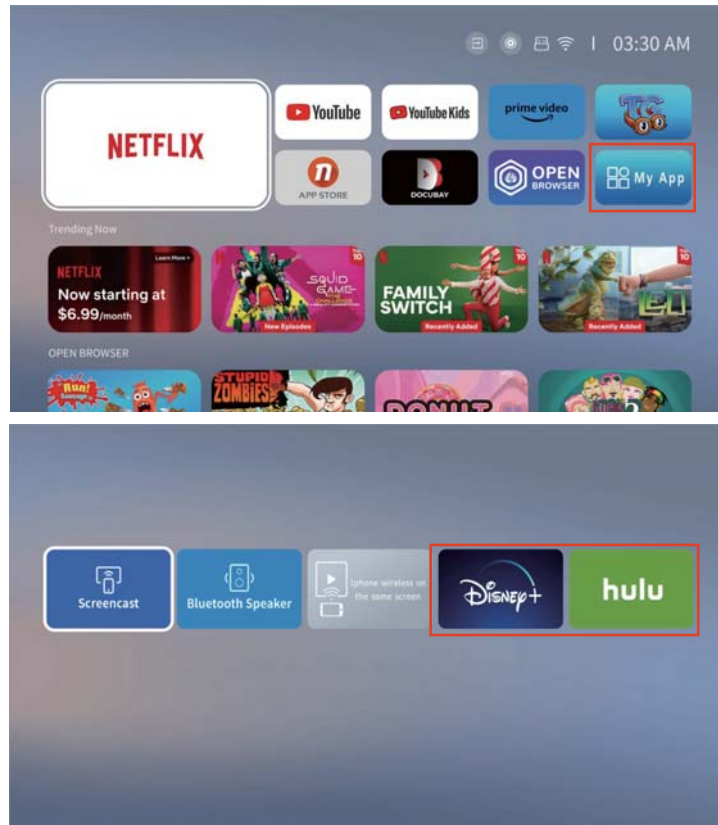


**STEP3.** Search for the projector device name and click to match, wait for connection, and after successful connection, you can play music.



## Application Support

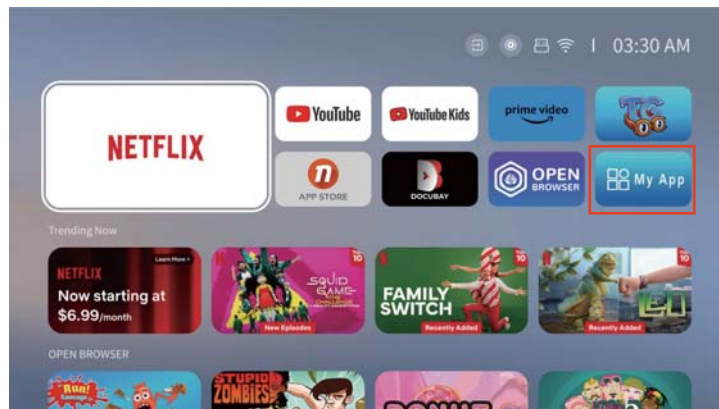
Only existing apps in the app are supported for downloading. Other apps are not supported at the moment. You can adjust the app position as needed after downloading. (Disney+ and HULU are built-in).



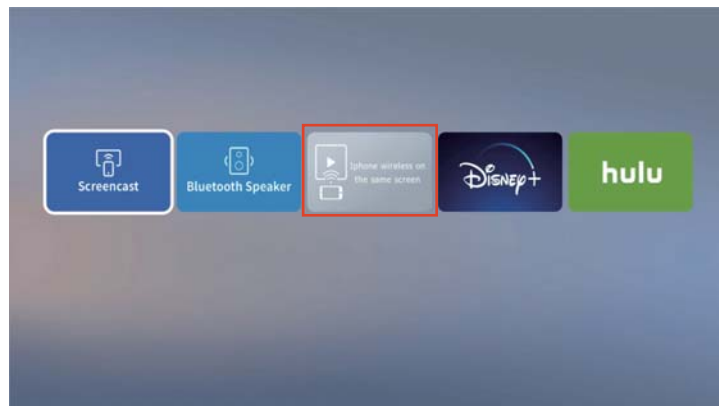
## WiFi Wireless Screen Mirroring


- For iPhone/iPad/iPod touch (iOS system)  
Make sure your iPhone/iPad.. and projector use the same WiFi.

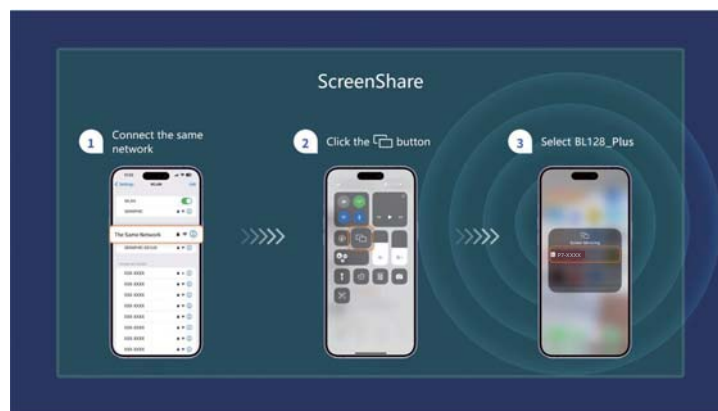
**STEP1.** Select "My App" on the projector main interface and click to enter.



**STEP2.** Select the third "iPhone wireless on the same screen".



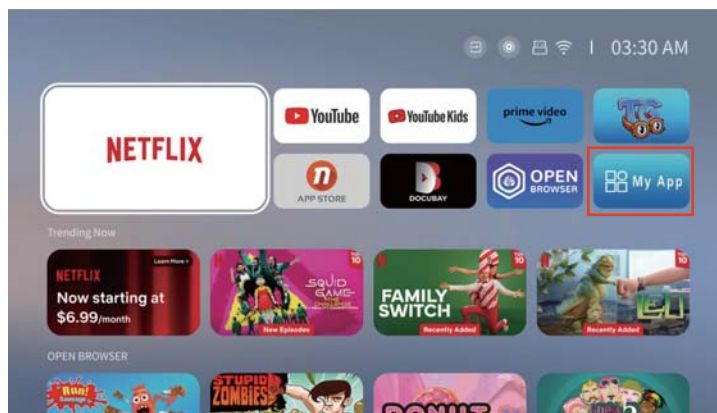
**STEP3.** Click the iPhone screen projection button  and search for the projector device name **"P7-XXXX"**. After successful connection, your iOS device display will be projected onto the wall/screen.



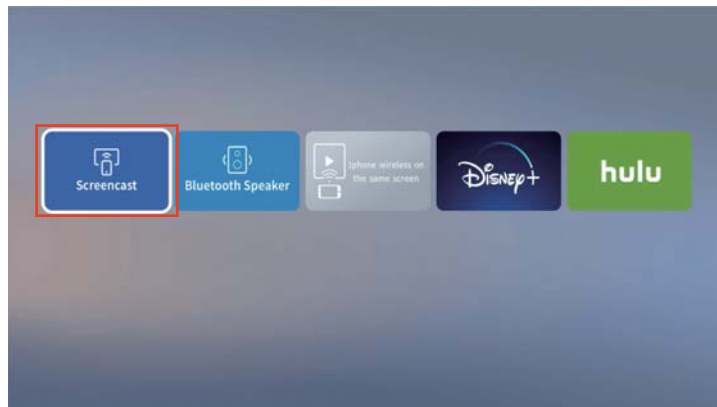
## Wireless Connection To Android System

- **Wireless Connection To Android System**

**STEP1.** Turn on the projector and select the "My App".



**STEP2.** Select and click "ScreenCast" to keep the page open.





**STEP3.** Activate the multi screen feature on your Android device, search for the projector device name "**P7-XXXX**", and after successful connection, your Android device will display a projection onto the wall/screen.



## Wireless Connection for Win10 or Above

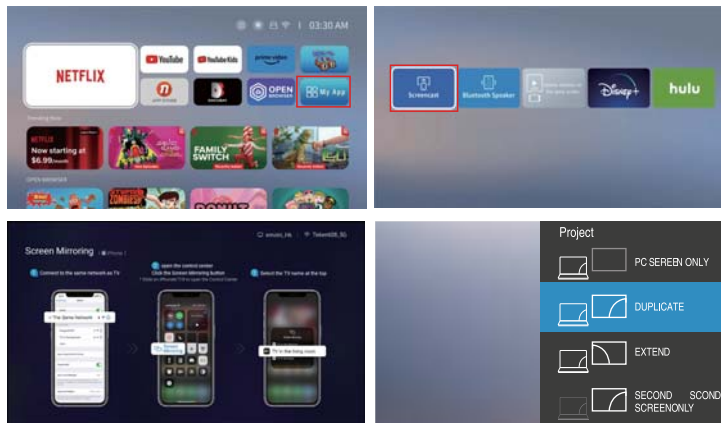
- **Ensure that Android devices and projectors use the same WiFi**

**Step 1:** Select "My App" on the main interface of the projector and click to enter.

**Step 2:** Select and click "ScreenCast" to keep the page open.

**Step 3:** In the "Display Settings" of the computer, find "Multi monitor", open the extension, find "Connect to Wireless Monitor", and click on "Connect".

**Step 4:** Wait for the projector device name to be searched, click on the successful connection, and then select Copy Delivery.



### Tips:

1. Please ensure your laptop has a wireless display function.
2. Please ensure you select "1920\*1080 resolution" after you connect the projector.

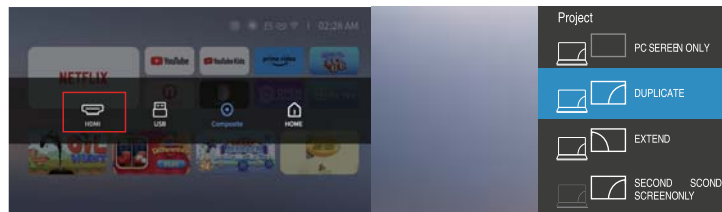
## Windows computer wired connection

Connect the projector to your computer by using the HDMI cord in the package.

**Step 1:** Turn on your computer and the projector.

**Step 2:** Use included HDMI cable to connect your computer and projector.

**Step 3:** Press on the remote control, and choose "HDMI", then press to confirm.



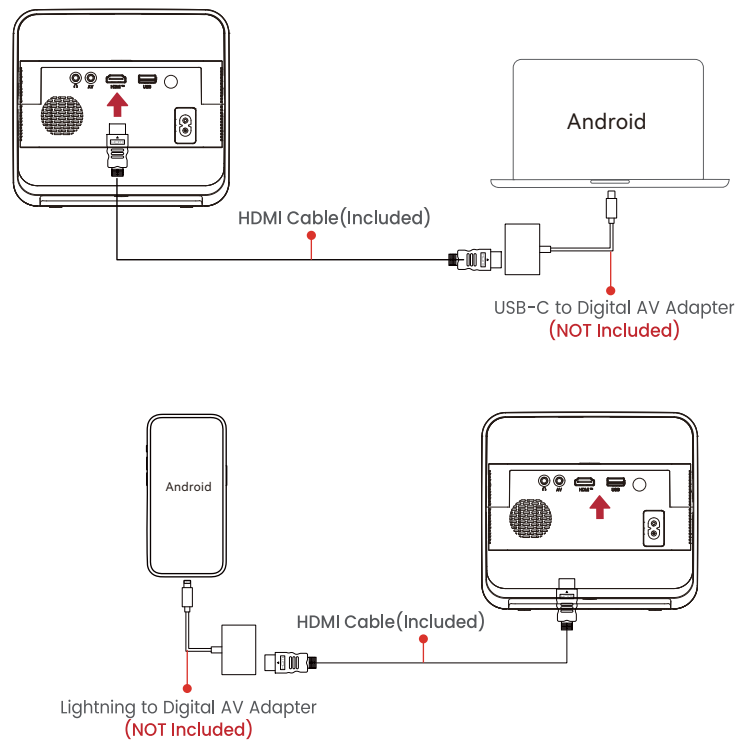
### Tips:

For Windows 7 and higher system, pressing the Windows logo key. P key at the same time and select "DUPLICATE".

## Android System Wired Connection Steps

### HDMI Connection for Android

For Android, you can use a lightning to HDMI Adapter to and provided HDMI Cable connect.

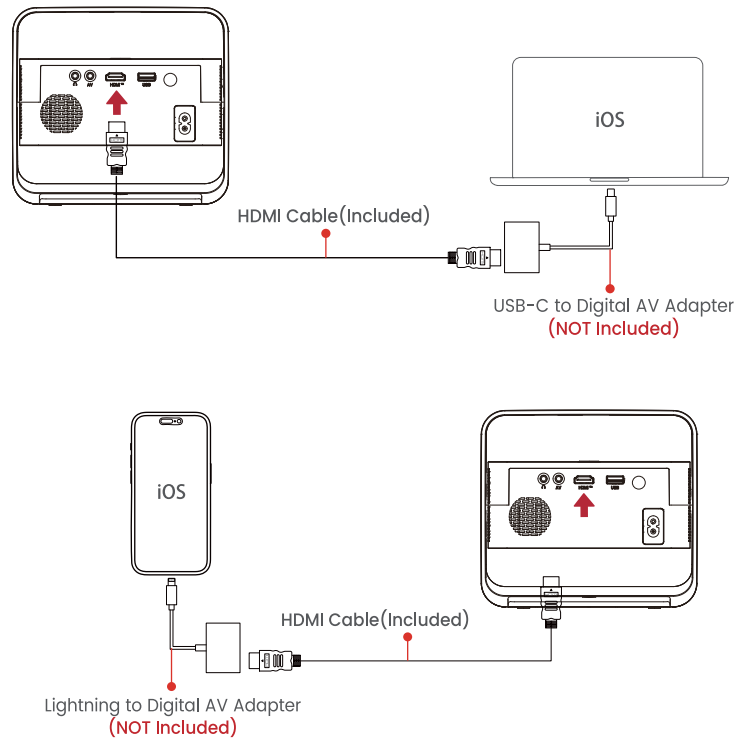


The Android System cable cannot directly connect to the projector (NOT compatible).

## iOS System Wired Connection Steps

### HDMI Connection for iOS & iPad OS

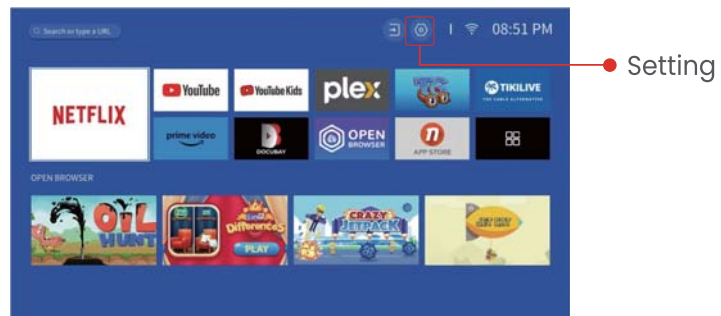
For iPhone or iPad, you can use a lightning to HDMI Adapter to and provided HDMI Cable connect.



The iOS System cable cannot be directly connected to the projector (NOT compatible).

## Setting

Select the [⚙] icon of the homepage or press the "⚙" button on the remote control to enter the settings page.



## Menu Setting Parameters

### • Projection settings

WiFi Setting	Option
WiFi	ON / OFF

BT Setting	Option
BT	ON / OFF

Projection Image Setting	Option
Projection Mode	Front-Desktop/Rear-Ceiling/Rear-Desktop / Front-Ceiling
Digital Zoom	50%-100%
Motor Focusing	Auto Keystone

#### Note:

If the image is distorted, it can be adjusted (autofocus) by moving the projector or adjusting the placement distance to make the image rectangular.

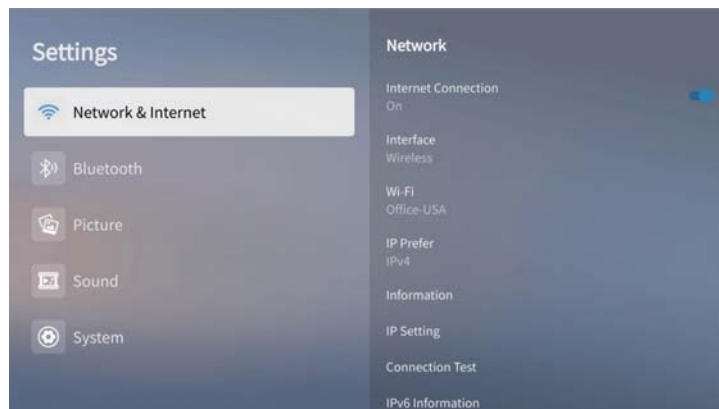
System Update	Option
Online Update	/
Local Update	/
Restore Factory	Restore the factory default setting

Projection Image Setting	Option
Boot Source Option	Off/HDMI1
Power On Option	Standby / Direct
Language Setting	Multilingual Settings
Scheduled Shutdown	Off/10min/20min/30min/60min/120min

## Settings Interface

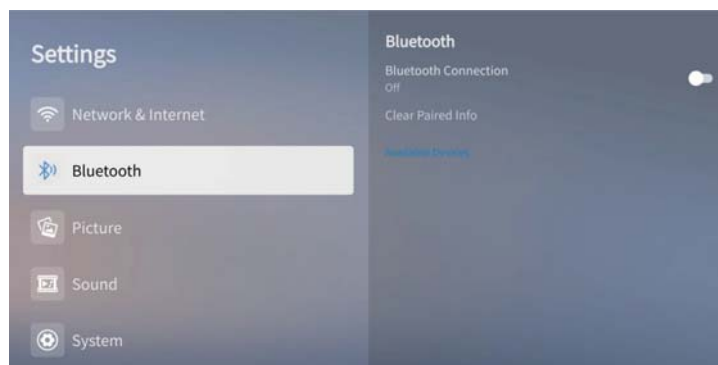
### WiFi Connection

Setting→Network & Internet→Internet Connection “On”.Select objective WiFi and input password to connect internet.



### BT Connection

Settings→BT, BT “ON”, click Refresh Device and choose objective device to pair.

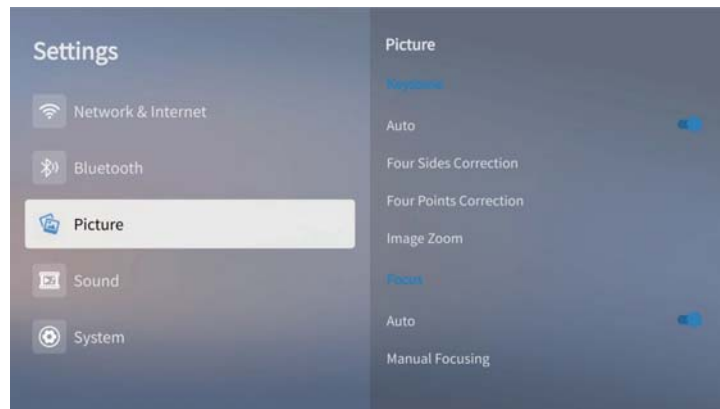




## Focus & Correction Settings

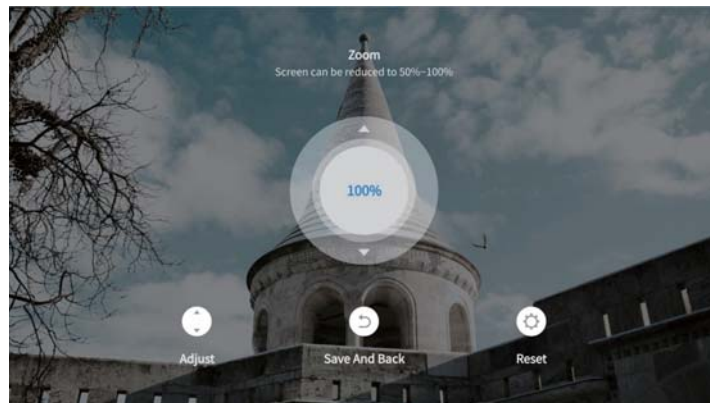
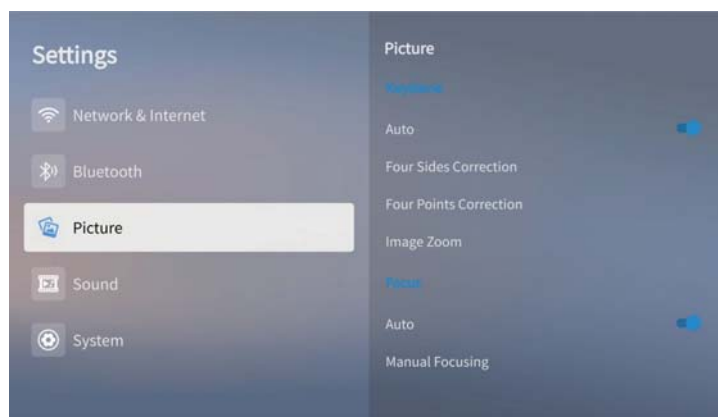
Setting→Picture→Internet Connection “On”.Select "Auto" to enable automatic keystone correction and autofocus adjustment of the image.

★Boot Auto Focus Switch: The autofocus function is turned on by default. Once powered on, the projector automatically focuses for the best clear image.



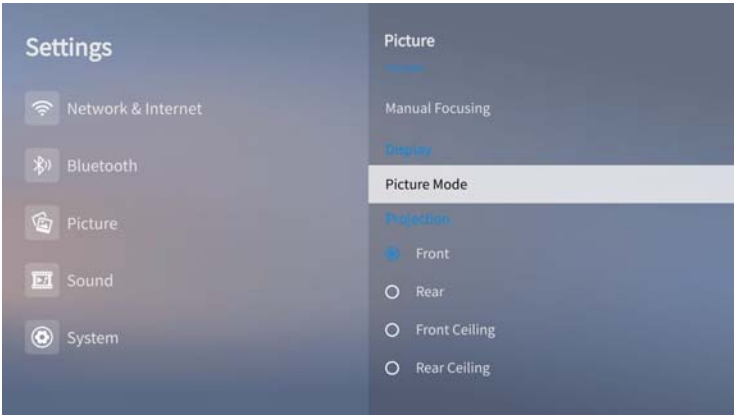
## Image Zoom

Setting → Picture → Image Zoom (Screen zoom 50% -100%).

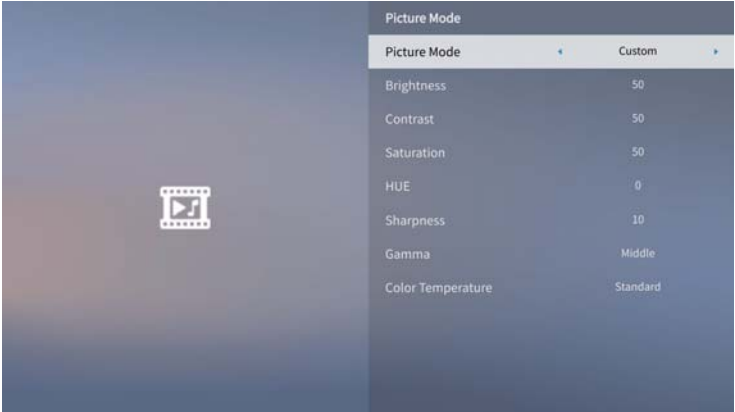


# Picture Mode

1.Settings→picture→Picture Mode, adjust it according to personal preferences.

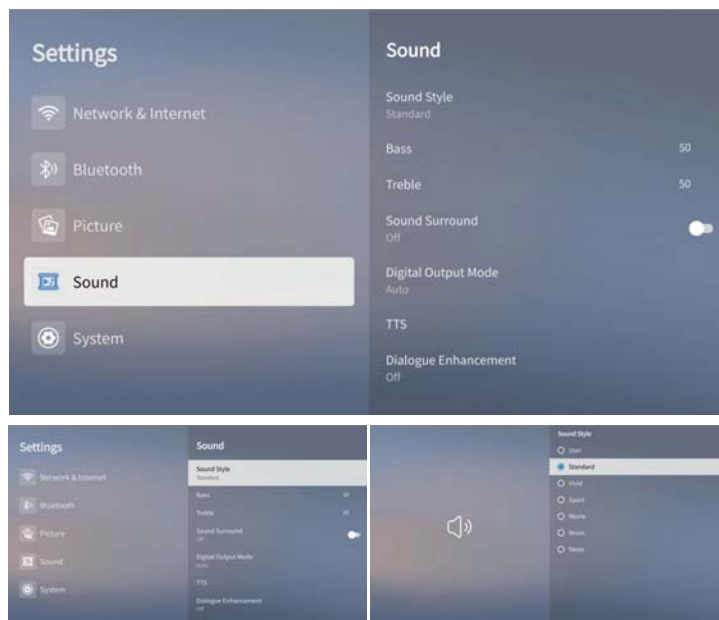


Optional Image modes:Standard/Custom/Cinema/Sport/Vivid/Hi-Bright  
★Custom : You can adjust the values of brightness, contrast saturation, hue, sharpness, response cure, and color temperature.



## Sound

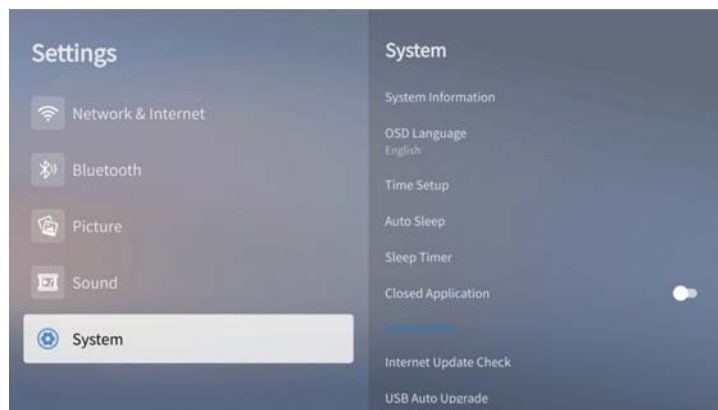
Settings→Sound, adjust it according to personal preferences.  
★Sound Mode:User, Standard, News, Music, Wideo, Sports.  
Bass: 0-100, Treble: 0-100.



## System

Setting→System

Set other basic options according to personal preferences.



## Projector Basic Parameters

Product Name	P7
Display Technology	LCD
Light Source	LED
Trapezium Correction	±15°
Aspect Ratio	16: 9
Resolution	1920*1080P
Supported Resolutions	1920*1080P
Input	USB/HDMI/Audio
Power Consumption	50W
Power Voltage	AC 100-260V 50/60Hz
Unit Size	156*172.2*100mm

## Questions & Answers

\*Problems listed below might occur during the operation of your projector. Please refer to the possible factors which might cause the issue to do troubleshooting. Any questions during use, please feel free to contact our customer service team.

**[Audio]Q:Why is the display of the projector available but without audio?**

A1:The projector or the connected device (PC,TV,etc.)is muted.

A1:The video format is not supported by the projector.

**[Audio]Q:Why is the audio of the projector available but without display?**

A1:The video format is not supported by the projector.

A1:Encryption applied to the videos or media player which holds the video.

A1:If the lamp of the projector is off with only audio playing,the lamp is defective.Please contact our customer service team for a replacement.

A1:Try another HDMI cable if you select the HDMI Input Source.

A1: If your screen mirroring player is Netflix, YouTube, Amazon Prime, Hulu, or Disney+.The problem will happen when playing these applications because of copyright.

**[Audio]Q:Video playback is out of sync with sound and picture?**

A1:The fluency of playing is related to the network; If you are connected to a BT device,it generally has a delay display.

**[Signal]Q:Why does the projection screen show "No Signal"?**

A1:Make sure all cables are plugged correctly and firmly.

A1:Make sure you select the right input source. For example,if you connect with phone. Please follow the "Connections"section in the manual.

**[Image]Q:How can I do if the image is blurry or out of shape?**

A1:Press and hold one of the focus buttons on the remote until the image is clear. If the image does not clear and instead becomes more fuzzier, press and hold the other focus button until the image clears up.

A1:Place the projector on a flat surface horizontally or vertically. An inclination at any angle may result in blurry displays or uneven colors.

A1:Darker environment suggested achieving the best pro cine performance.

A1:The best distance of 1.25-5m/40inch-200inch between the projector and projecting screen/wall.

A1:Projecting wall or screen is clean white if possible.

**[Image]Q: How can I do if the image is upside down?**

A1:Press the "Menu"on the remote to enter Settings.Then,select "Mirror Mode".Press the "OK"button to rotate the image.

**[Image]Q:How can I do if the projection screen is not square or allied horizontally?**

A1:Make sure the projector is placed on a flat surface with a projector light in the middle

of the screen.

A1: Make sure the projector screen is placed horizontally.

**[Image]Q: How can I do if there is color distortion?**

A1: Make sure the video source has a fine resolution.

A1: Adjust the colors: enter Setting—Picture Setting—Color Temperature, then select different modes and adjust the value accordingly.

A1: Reset the projector to manufacturer setting: enter Menu—System—Restore Factory Default to reset.

**[Image]Q: Can this project directly onto a wall? How's the projection performance?**

A1: Yes, it can, but it should be a flat wall (preferably white). Otherwise, you may experience poor projection quality.

**[Setting]Q: How can I change the language?**

A1: For projector: Enter Setting—System Setting—Language.

**[Shut Off]Q: Why does the projector is shut of during playing?**

A1: Make sure the power plug is working and firmly fitted into the outlet.

A1: If the fan doesn't work when using it, please contact our customer service team for assistance.

A1: Overheat on the projector will activate the built-in power-off protection panel. Restart the projector when it gets cooler.

**[USB]Q: Why doesn't anything work in the main interface, especially with external storage connected?**

A1: The USB larger than 64GB is not supported by the projector.

A1: The video format is not supported by the projector.

**[3D]Q: Can this projector support 3D effect?**

A1: The projector does not support 3D video sources.

**[Remote Control]Q: How can I do if the remote is unresponsive?**

A1: Make sure the batteries are installed correctly and the power is enough.

A1: Please make sure the IR receiver is not covered.

A1: Contact our customer service team for a replacement.

**[Remote Control]Q: Is the remote control slow to respond to commands?**

A1: This remote control has two modes.

Mode A: When the icon on the remote control appears on the homepage, it indicates that Bluetooth is connected and can be used freely in an open area of 8 meters

Mode B: When the icon on the remote control disappears, it indicates that Bluetooth has exited, please use the remote control within 20ft distance in 30 degree angle.



**[Connection]Q:The projector port is insensitive?**

A1:Try to replace the cable.If it can't be solved,contact our customer service team for help.

**[Wifi Connection]Q:Can not connect with the WIFI?**

A1:Please ensure you are in the projector user interface.

A1:Check your password,is it correct.

A1:Contact our customer service team for help.

**[BT Connection]Q:Is it compatible with external BT speakers?**

A1:Yes,the projector is compatible with external BT devices. Before connecting the projector to an external BT device,please enter the projector user interface.

(Please follow the "BT Connections"section in the manual.)

**[Auto Focus]Q:How to trigger autofocus on the OPOQO P7-XXXX home theater projector?**

A1:Please press the "focus"button on the remote to trigger autofocus.When the autofocus box occurs on the screen,you can also press the volume+/-button to manually adjust the focus.

A1:If the problem is still not solved,please feel free to ask the seller for help.

**[Screen Mirroring]Q:How to screen mirror iOS devices to the projector?**

A1:

1.Please select the "MY APP"on the homepage.

2.Select "iPhone wireless on the same screen"

3.Use the Airplay feature to mirror any iPhone/iPad/Macbook using the same WiFi connection.

**[Screen Mirroring]Q:How to mirror screen Android devices to the projector?**

A1:

1.Please select the "MY APP"on the homepage.

2.Select "screencast".

3.Go to the Android device "Settings"and select your WLAN.

4.Activate Multi-screen function in your Android device and search for the projector,select"P7-XXXX"and click to connect.

**[Screen Mirroring]Q:The video cannot be mirrored to the projector.There is sound but no picture when is screen mirroring.Or there is no picture and no sound?**

A1:

1.Please note that copyrighted videos,such as those "Amazon Prime","YouTube","Hulu","Netflix","Disney+"or other popular streaming services,cannot be mirrored on the same screen.

PS:(Prime,Hulu,Netflix,Disney+)streaming media with a copyright can try to play the same screen on the web page.

2.Is the source resolution too high?(For example 4k,8k);And the video refresh rate

exceeds 60hz?

Please note that the projector only supports 60Hz and the video source cannot exceed 1080P.

**[Screen Mirroring]Q:Screen mirror jam,frame drop,delay,automatic disconnection?**

A1:The smoothness of the screen image is related to the quality of the Network.

**[Mounting]Q:What kind of Screws do I need for mounting this projector?**

A1:M4,1/4 inch (ca.6.35mm)

**[Cable]Q:What kind of cable do I need when connecting TV BOX,TV,Firestick,and DVD player to the projector?**

A1:HDMI cable for all devices mentioned above.Certain DVD players require an AV cable connection.

**[Lamp]Q:Why doesn't the projector's lamp light up or power on?**

A1>Please contact our customer service team for help.

**[HDMI Connection]Q:Why does the projector show "No Signal"when HDMI connects with the device?**

A1>Please read the instructions for the HDMI adapter carefully before connecting.

A1>Please make sure to use the original cable,check the correct HDMI ports,or any damage to the cable.

A1:Contact our customer service team for help.

**[MAC]Q:No sound from the MAC-connected projector?**

A1:Select apple menu>system preferences,and then click sound.In the output panel,make sure your input is correctly selected.

A1:If you use the mini Display Port converter to connect,make sure your Mac can connect via mini Display Port and sends audio.

A1:If you are connecting from the Mac mini,unplug any audio device that is connected to the computer audio output port.

## Trademarks



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## Statement

### 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 interference received, including interference that may cause undesired operation.

Any 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 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

