aaxa TECHNOLOGIES

P8 LED Mini Projector

Wifi Bluetooth

User Guide

Caution! ⚠

WARNING: Please use this product as instructed. Misuse may cause injury or death.

DO NOT use while driving

DO NOT expose to water or wet surfaces. Electric shock may occur

DO NOT expose the projected LED image to your eyes or the eyes of others

DO NOT block or restrict airflow from ventilation holes as this may cause the projector to overheat

Keep the projector, battery, or
charger away from any heat sources

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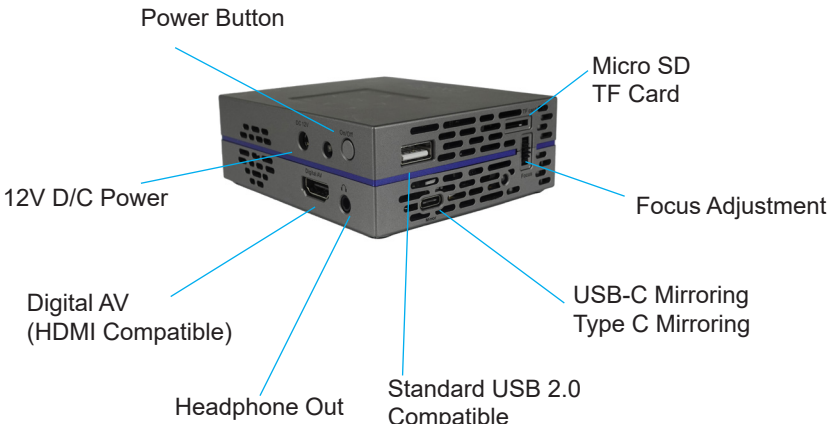
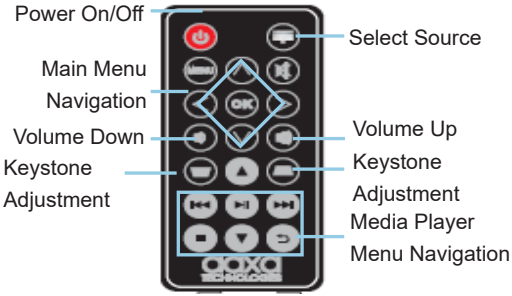
P8 at a Glance

Chapter 1

Main Unit

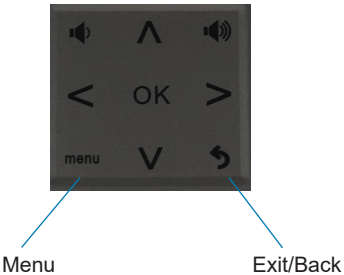


Remote & Keypad



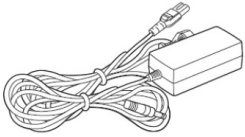
Remote

Direction Pad



Both the keypad and remote can be used to navigate through the menus. The Main Menu Navigation on the remote functions exactly the same as the directional pad on the P8 unit.

Accessories



Power Adapter

Tripod

Remote

**Under various circumstances, the actual accessories may be different from those shown in the pictures above.*
Additional accessories are available for purchase at www.aaxatech.com

Getting Started

Chapter 2

Powering ON the projector

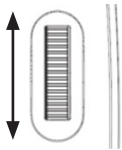
1. Connect the power cord to the P8.
2. Connect the other end of the power cord into the wall power source.
3. Press the On/Off button at the back of the P8 for about 3 seconds, wait shortly and the projector should automatically boot up and turn on.

Powering OFF the projector

1. To turn off the projector, press the “On/Off” button.This will fully turn off the projector.
2. Unplug and disconnect the P8 from the power source

Focus Adjusment / Throw Distance

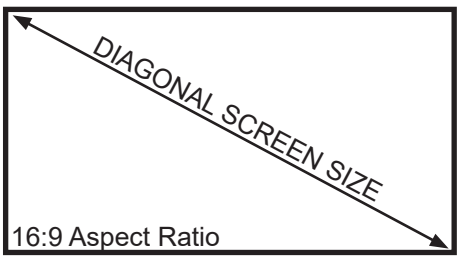
Focus Adjustment



- Spin the focus wheel up or down until the image becomes clear.

Throw Distance Chart

Throw Distance	Diagonal Size
Units: Inches	Units: Inches
20	19
30	29
40	38
50	48
60	57
70	67
80	76
90	86



Throw Ratio 1.20

Projection Angle: 100% Offset

*minimum throw distance: 16 inches

Connecting Speakers / Headphones

Step 1: Connect your speakers/headphones to the projector's audio port.

Step 2: Ensure that the projector and/or the headphones are powered on.

Step 3: Place the headphones on and enjoy!

*CAUTION: Prolonged use of headphones at a high volume may impair hearing.

Loading External Content

The P8 can read files directly from both a TF Card and USB Drive.

Supported file types include:
MP3 / WMA / OGG / WAV / AVI / MP4 / JPG / GIF
PDF / DOC / XLS / PPT

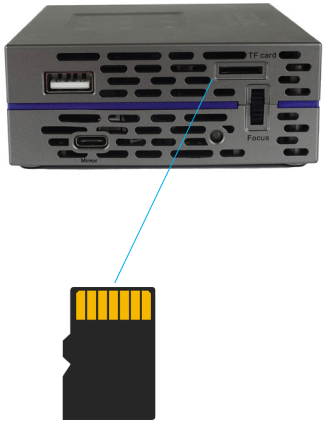
(up to 64 GB)

(up to 64 GB)

Loading External Content Cont.

How to insert your TF Card

- Slide in your TF card into the TF card slot on the side of the P8 (as shown in picture).
- Gently slide the TF card until it clicks into place.



(up to 64 GB)

Loading External Content Cont.

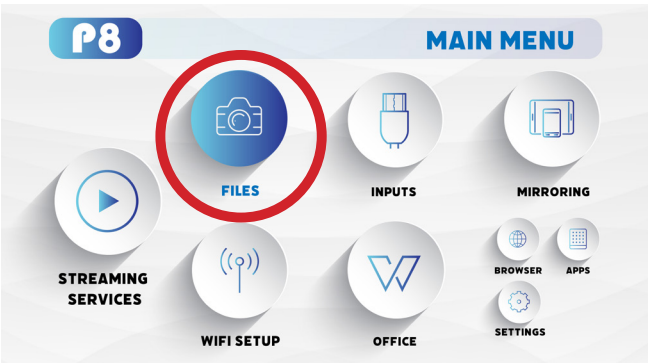
How to insert your USB Drive

- Slide your USB Drive into the USB port.
- Gently slide the drive until it cannot go in any further.

(up to 64 GB)

Loading External Content Cont.

Once your TF Card or USB Drive is inserted into the projector, the TF Card or USB Drive Storage will be loaded automatically and the content can be found through the **Files icon** on the Main Menu (See Page 21 for File Viewer Sub-menu).
To load Text documents, select the Office icon. (See Page 19 to learn more)



Menu Screens

Chapter 3

Main Menu

The P8 features Android 10.0 Onboard and an Onboard Media Player.
This function allows the projector to play videos, pictures, and music files directly from your connected devices.

Menu

Exit/Back

- Press the left and right directional buttons to choose an icon from the main menu.
- To select a menu option, press the “OK” button in the middle of the navigation pad.
- To go back to the previous screen, press the “Back” button.
- To Jump back to the submenu, press the “Menu” button once.
- To return to the main menu, press the “Return” button twice.

Brightness Menu

To change the brightness on your P8:

- Select the “Settings” icon (Fig. 3.1) in the Main Menu then choose “Brightness” (Fig. 3.2)
- Select the brightness you wish (Fig. 3.3):
  Eco Mode/ Standard Mode/ Boost Mode

Fig. 3.1

Fig. 3.2

Fig. 3.3

“Boost mode” should only be used in low temperature, low altitude environments with adequate clearance of exhaust/ intake vents. A tripod is highly recommended. **DO NOT block vents while operating in Boost mode.**

Wifi Menu (How to connect to Wifi)

How To Screen Mirror Smartphone:

- In the Main Menu, choose the “Wifi Setup” icon (Fig 3.4)
- In the Wifi Menu, toggle the Wifi icon to “On” and select the Wifi network you desire. Enter password and connect. (Fig 3.5)

Fig. 3.4

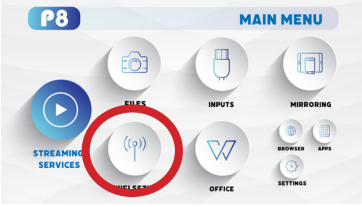
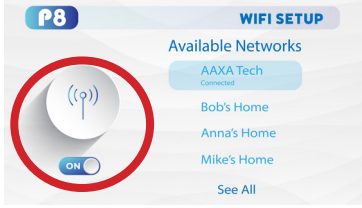


Fig. 3.5



Mirroring Menu

How To Screen Mirror Smartphone:

- After connecting the P8 to wifi, in the Main Menu, choose “Mirroring” icon (Fig 3.6)
- In the Mirroring Menu, choose Android or iOS (Fig 3.7)
- Use built-in AirPlay, AirPinCast, AirPinPCSender to screen mirror from your iOS devices, Android portable devices or Windows PC

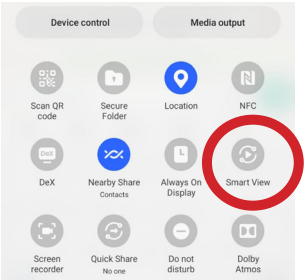
Fig. 3.6

Fig. 3.7

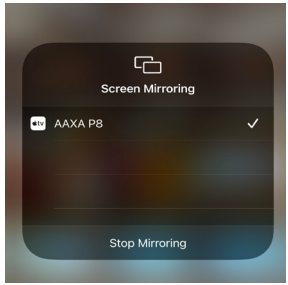
Mirroring Menu

To screen mirror, your devices and the P8 have to be connected t**o the same Wifi network**. DMCA (copyright) content cannot be wirelessly mirrored. This includes content from streaming services such as Netflix, Hulu, Disney+, etc.

Mirroring Menu



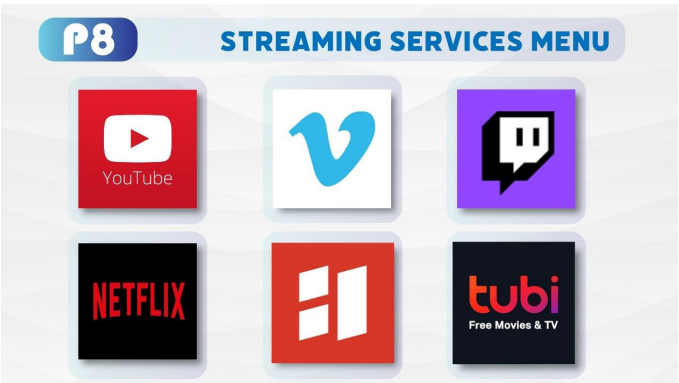
To screen mirror Android device, after connecting the P8 and your device to the same WiFi network, please use “Smart View”.



To screen mirror iOS device, after connecting the P8 and your device to the same WiFi network, please select “AAXA P8” in the Screen Mirroring menu.

Streaming Services Menu

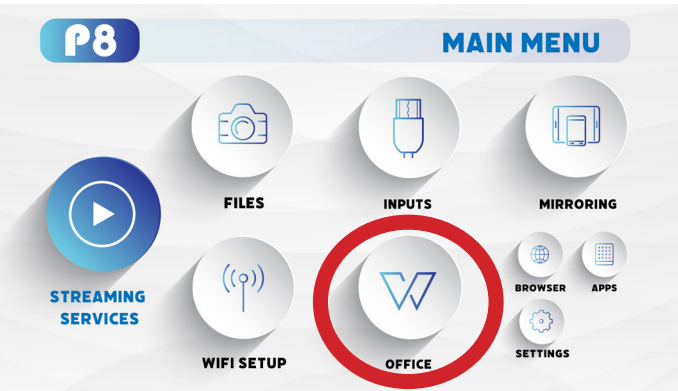
After connecting the P8 to Wifi, select the “Streaming Services” icon in the Main Menu. Select the streaming service you wish to open.



Streaming Services require subscription including paid subscription. Users are responsible for their own subscriptions. Not all streaming apps are compatible in all regions.

Office Menu

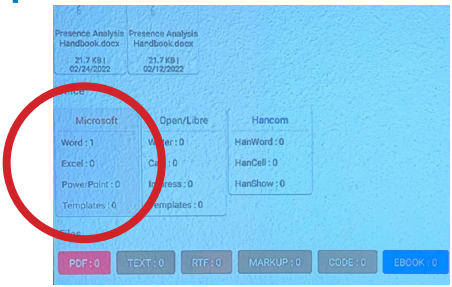
In the Main Menu, select the “Office” icon to access the N Docs app.



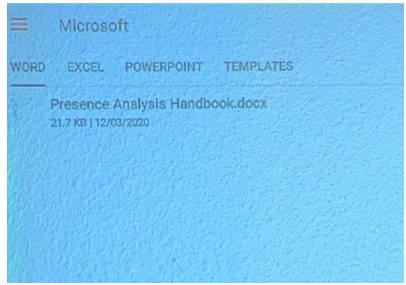
FAQ: How to load a file in Office

Load your external content to the P8 by using a USB stick or a Micro SD/ TF Card.

FAQ: How to load a file in Office



In the main menu, select the “Office” icon. The office documents (Word, Excel, PowerPoint or Templates) should show in “Office - Microsoft”



Select “Microsoft” and choose the file you wish to open. Use the keypad on the top of the P8 or the remote control to nagivate.

Files Menu

Opening A File:

- Select the “Files” icon in the Main Menu (Fig 3.8)
- In the Files Menu, select the external content device (USB/ Micro SD - TF Card) that contains the file you wish to open (Fig 3.9)

Fig. 3.8

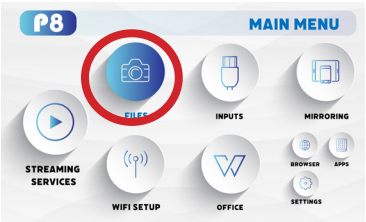


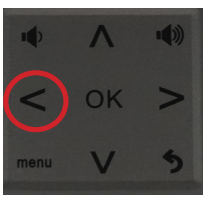
Fig. 3.9

The P8 will show all folders and files you have on your USB or TF Card drive. Use the navigation buttons to select folders or files.

Browser Menu

How to open an internet browser in the P8

In the Main Menu, select the “Browser” icon. Once the Chrome browser opens, press the ◀ button on the navigation pad or the remote control to search or type web address



Apps Menu

To access more apps in the P8:

- In the Main Menu, select the “Apps” icon (Fig 3.10)
- In the Apps Menu, select the app you wish to open (Fig 3.11)

Fig. 3.10

Fig. 3.11

Note: It is not recommended that users load their own apps onto the P8

FAQ: How to view photos as a slideshow

How do I play a slideshow?

1. Connect the USB or Micro SD Card to the P8
2. In the Main Menu, select the “Apps” icon
3. In the Apps Menu, select the **“Gallery”** icon (Fig 3.12)
4. In the Gallery app, your photos and videos will be available to view as slideshows. Select the files you wish to open.

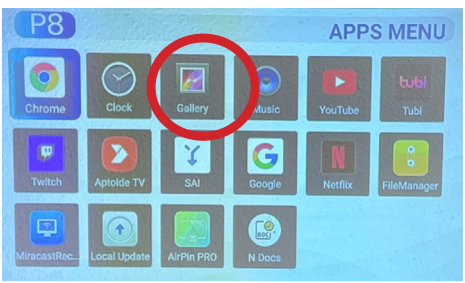


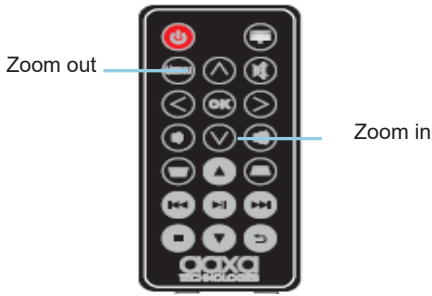
Fig. 3.12

Fig. 3.13

FAQ: How to zoom in and zoom out an image

How to zoom in and zoom out an image

- Open the image in the Gallery App
- Use the “up” and “down” button on the remote control to adjust the size of the image
- To “zoom in” an image, press the “down” button on the remote control
- To “zoom out” an image, press the “up” button on the remote control

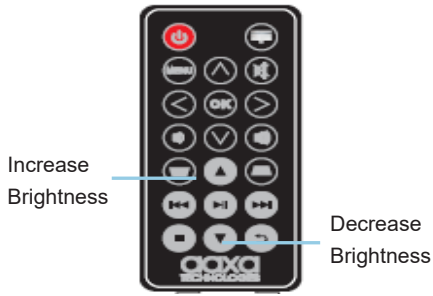


Remote

FAQ: How to adjust brightness of an image

How to adjust brightness of an image

- Open the image in the Gallery App
- Use the “up” and “down” button on the remote control to adjust the brightness level of the image
- To make the image brighter, press the “up” button on the remote control
- To make the image dimmer, press the “down” button on the remote control

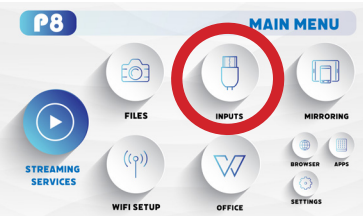


Remote

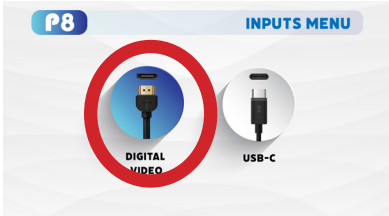
Connecting to Device via Digital Input

First, a digital input cable is required from your P8 to your other device.

In the Main Menu



Select the “Inputs” Icon



Then select the “Digital Video” Icon

Connectivity to Multimedia Devices

The P8 can connect to many media devices including: computers, laptops, iPhones, iPads, DVD players, smart phones, cameras, video game consoles and other peripherals with ease. The P8’s digital input is compatible with HDMI interface. The connection type is “full sized”.

**Some smartphones require video out capabilities to be displayed with the P8. Check with your phone manufacturer.*

Connecting to Digital Input Video Devices

Step 1:
Connect one end of the Digital Input Cable to your device's Digital Input port.

Step 2:
Connect the other end of the Digital Input Cable to your P8's Digital Input port.

Step 3:
In the Main Menu, select the "Digital Video" Icon. Your P8 should now be mirroring the content from your device.

Note:
If you're connecting to a computer or laptop and the projector does not automatically mirror it, read onto the next page for more information.

Connecting to a Computer via Digital Input

Step 4:

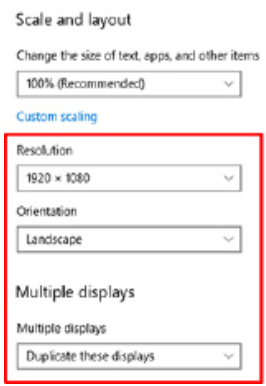
After connecting your projector to your computer or laptop via a digital input cable, you may need to enabe Digital Video output on your computer. To enable Digital Video output on your computer most computers require “turning on” the video output feature. Each computer is different. Please consult your owner’s manual for instructions to enable Digital Video output. Below are standard instructions for a Windows 10 computer – not all systems are the same.

Step 5:

Press Windows+P to toggle through display settings. Select either “Duplicate” or “Extend” depending on your viewing option.

**NOTE: Different operating systems may differ*

Step 6:



1. Right click on computer desktop and select “Screen Resolution.”
2. Display Properties window will pop up and select the Advance Display Settings.
3. Please make sure the “Multiple displays” has the “Duplicate these displays” option selected and the Resolution is 1920 x 1080 or below as pictured in the red box.
4. If the image is blurry or the text is not legible, adjust the screen resolution.

Settings Menu

The Settings Menu can be accessed by selecting “Settings” on the Main Menu.

Within the settings menu, there are eight more submenus that allow you to customize your P8 to the settings you want:

Brightness

- Eco
- Standard
- Boost

Wireless (Wifi Menu)

Advanced

- Network & Internet
- Bluetooth
- Accounts & Sign In
- Device Preference

Language

Display

- Keystone
- Projection Direction
- Mode image
- Color Temperature

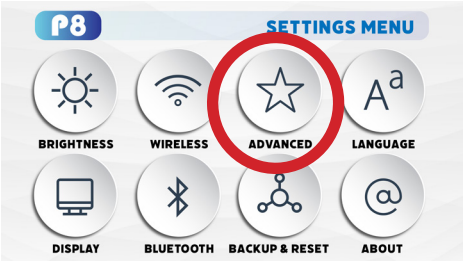
Bluetooth

Backup Reset

- Reset
- Update Android
- Update CPU

About

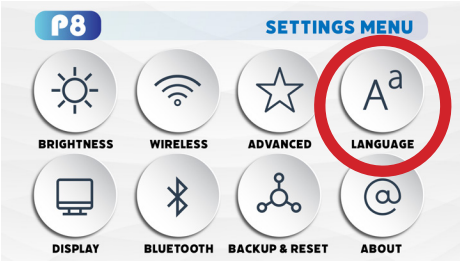
Advanced Settings



In the Advanced setting menu, you can set up:

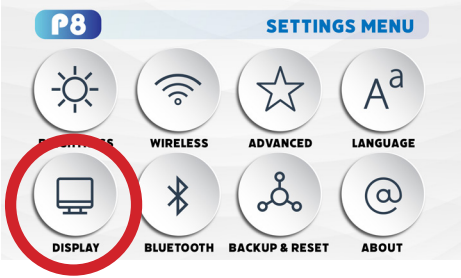
- Network & Internet
- Bluetooth
- Accounts Sign in
- Apps
- Device Preferences: About, Date & Time, Language, Keyboard & Autofill, Mouse Mode, Display, Inputs, Sound, Storage, Screen saver, Developer Options, Location, Security & restrictions, Accessibility and Rest

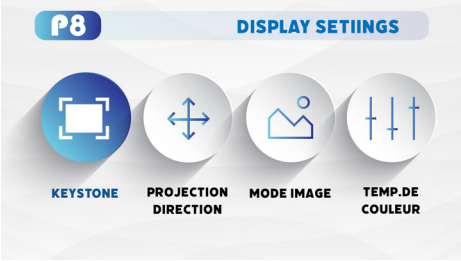
Language



In the Advanced setting menu, you can select your preferred language

Display Settings





In the Advanced setting menu, you can set up:

- Keystone
- Projection Direction
- Mode Image
- Color Temperature

Keystone

- Reset Keystone, Keystone Up, Keystone Down

Projection Direction

- Front Vertical, Rear Vertical, Rear Inverted, Front Inverted

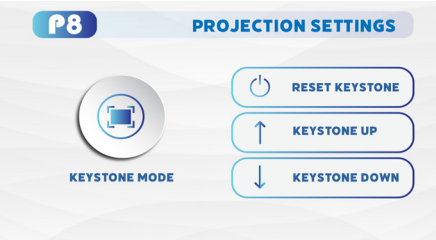
Mode Image

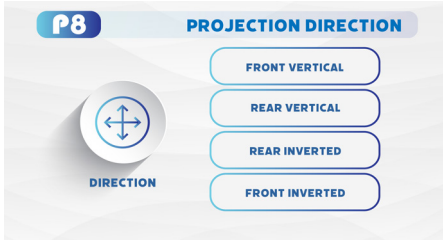
- Auto Mode, 4:3, 16:9

Color Temperature

- Medium, Cool, Warm

Keystone & Projection Direction





Keystone reset

- Reset keystone in the P8

Keystone up

- Add Keystone Up to the projection

Keystone down

- Add Keystone Down to the projection

- **Front Vertical**
- **Rear Vertical**
- **Rear Inverted**
- **Front Inverted**

Keystone Adjustments FAQ

What is keystone?

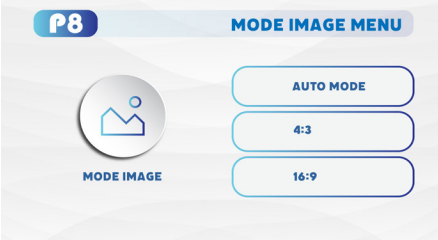
- "Keystoning" occurs when a projector is aligned non-perpendicularly to a screen, or when the projection screen has an angled surface. The image that results from one of these misalignments will look trapezoidal rather than square.

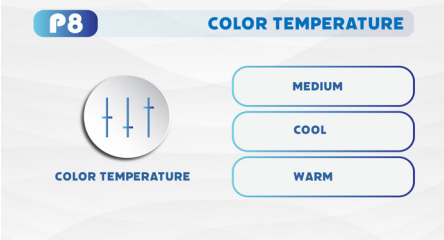
Remote

How to correct Keystone using the remote control?

- If the image looks trapzoidal, press the "keystone adjustment" buttons on the remote control until the keystone effect corrects and the the picture turns into a square projection.

Mode Image menu & Color Temp.





Auto Mode

- Set the image mode to Auto Mode

4:3

- Set the image mode to 4:3

16:9

- Set the image mode to 16:9

Medium

- Set the color temperature to Medium

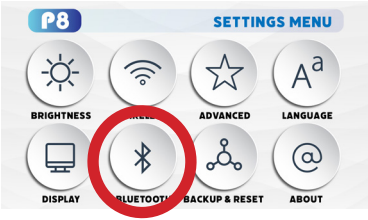
Cool

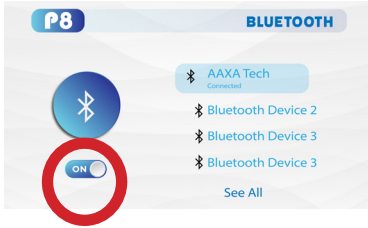
- Set the color temperature to Cool

Warm

- Set the color temperature to Warm

Bluetooth Menu

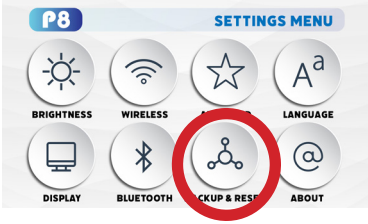


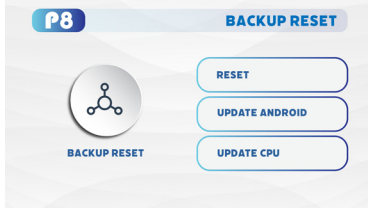


How to connect the P8 to bluetooth for audio out

- In the Settings Menu, go to the Bluetooth menu by selecting the bluetooth icon
- In the Bluetooth submenu, toggle the “On/Off” switch beneath the bluetooth icon to “On”
- Select the desired bluetooth device. Make sure that your device is not connected to any other devices and it is placed near the P8.
- Note: Bluetooth is for audio output only – does not accept audio input or video streaming

Backup Reset Menu

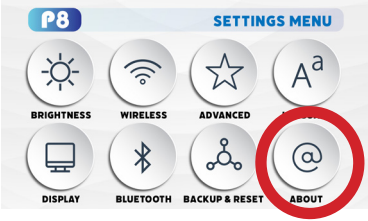




How to reset the P8

- In the Settings Menu, go to the Backup Reset menu by selecting the Backup Reset icon
- In the Backup Reset menu, you can choose to Reset the P8, or Update Android or Update CPU

About Menu



How to view P8 “About” information

- In the Settings Menu, go to the About Menu by selecting the about icon
- In the About menu, you can Update System, check Device Name, Re-start, Check Status & Legal Information, check Model Name & Android Version, check Android Security Patch Level, Kernel version and Build,

Technical Details

Troubleshooting

I cannot connect my iOS devices to the P8

Possible Causes	Solution
(For wired connection) Incorrect cables or connectors	To connect your iOS devices to the P8, please use the Official Apple Lightning to Digital AV Adapter and connect via the Digital AV port.

AIRPLAY DOES NOT WORK

Be sure to connect your iOS device and the P8 Projector to the same WiFi network. Choose “AAXA P8” as the device you wish to screen mirror from your iOS device, unless you have changed the P8’s nickname.

I cannot wirelessly screen mirror Netflix, Amazon Prime, Disney Plus, etc.

Possible Causes	Solution
For wireless connection, DMCA content including Netflix, Amazon Prime, Disney Plus content is not sharable wirelessly).	Please use the built-in apps to stream DMCA Content or connect your devices to the P8 using the proper cables/ converters.

Technical Details

Troubleshooting

IMAGE IS BLURRED

Possible Causes	Solution
The Projector is not in focus.	Adjust the focus with the focus adjustment buttons on the remote control until the image comes into focus, or use the focus adjustment buttons on the side of the projector
The Projector is offset from plane / angle of operation.	Move the projector so that it is both 180 degrees and on an evern plane with the screen or adjust the keystone through the remote, keypad or Settings Menu

NO SYNC, NO SIGNAL

Be sure to setup the computer to enable a video signal output. On some laptops this is done by pressing and holding Function F5 key. If using the P8 as an external monitor on Windows based systems, this can be done by selecting “extend my desktop to this monitor”. Depending on the video driver different resolutions may need to be selected for proper output.

Technical Details

Troubleshooting

THE PROJECTOR DOES NOT TURN ON

Possible Causes	Solution
There is no power.	Check to ensure the power outlet source is good. Check the power adapter to ensure a proper connection with the wall outlet as well as the projector.
Cannot power on the projector from the remote control.	To power on the projector, press and hold the "On/Off" button at the back of the projector. Next, if the projector is not powered on, press the Power button on the remote control.

NO PICTURE / FILE NOT SUPPORTED

Possible Causes	Solution
The video source is not properly connected or selected	Check the video source signal to ensure that it is properly connected. Select the current input source by choosing the input desired from the main menu
Incorrect file extension / Video is encoded with incorrect codec	Please refer to "Specifications" page to see which file types and codex are supported. Verify that the file was encoded properly.

Specifications

Brightness:	430 Lumens
Native Resolution:	960 x 540 (qHD)
Contrast Ratio:	2000:1
Aspect Ratio:	16:9
Projection Lens:	Manual Focus
Image Size:	16~200 inches
Lamp:	RGB LEDs with Vibrant Color Technology Life 30,000hrs
Video in:	HDMI (Compatible); 1080P, Type C Compatible
File Play Back	USB Memory Stick reader (up to 64GB) Micro SD/TF Card Reader (up to 64GB)
Audio Output:	2W High-Low Frequency Speaker 3.5mm Stereo Headphone Jack
USB Power Output:	5V 1A (5 watts)
Operating System:	Android 10.0
USB:	5 Pin USB 2.0 (Full Size), 34 Watts
Power Consumption:	34 Watts
Dimensions:	3.9” x 3.4” x 1.4”
Weight:	8.8 oz
Supported File Formats:	MP3 / WMA / OGG / WAV / AVI / MP4 / JPG / GIF PDF / DOC / XLS / PPT
Wireless Mirroring:	Supports iOS, Android
Bluetooth Output:	4.0 Supported
Wirless (WiFi)	2.4ghz/ 5 ghz

*HDMI™ is a registered trademark of HDMI Licensing LLC. AAXA Technologies is not affiliated with HDMI Licensing LLC.

Notes

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates,
uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference
to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does
cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is
encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

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

This equipment complies with FCC exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Please direct all customer service inquiries to:

AAXA Technologies, Inc.
17781 Sky Park Circle, Suite #F
Irvine, CA 92614
(714) 957-1999

info@aaxatech.com