

User Manual

Thanks for purchasing our pocket projector and hope you enjoy our device. In order to use this device quickly and easily, please read the user manual carefully. Follow all safety instructions for ensuring proper operation at your device.

The manufacturer accepts no liability if these instructions are not followed. All contents in this user manual are subjects to change without notice. If the actual using method of this manual is not consistent with the product, please turn our customer service for help.

Please follow the below safety warnings to maintain the lifespan of the device.

- Don't connect any defective cables, accessories or other defective external devices.
- Switch off the device and disconnect it from the power supply before cleaning the surface by using a soft and lint-free cloth. Please kindly note that never use liquids, gaseous or easily flammable cleansers to clean (like sprays abrasives, polishes, alcohol).
- Water is not allowed getting inside of the device.
- Switch off the device and disconnect it immediately from the power supply if liquids or external substances gets inside of the device.
- Always handle the product with care.
- Don't place the projector on your body parts to prevent injuries caused by the heat from the device.
- Avoid touching the lens.
- Never place heavy or sharp objects on the device or the power cable.
- Protect the device against direct sunlight, heat, high temperature fluctuations and moisture. Don't place the device near the heaters or air conditioners.
- Don't use the device during lightning/thunderstorm weather.
- Don't make any repairs to the device by yourself because inappropriate maintenance will result in damage to the device. Please maintain the device only by an professional service center.
- Don't remove the label from your device for keeping the valid warranty.

2.1. Safty Warning

- Do not place the device on soft surfaces such as tablecloths or carpets and do not cover the ventilation slits. Otherwise the device could overheat or catch fire.
- Environmental working condition: projector can be used at 5°C~40°C.
- Only use the enclosed power adapter. Check whether the electrical voltage of the power supply matches the electrical voltage available at the setup location.

Eyes Will Get Hurt by Direct Watching High Power LED

This device is equipped with a high power LED(Light Emitting Diode), which emits very bright light. Do not stare directly into the projector lens to avoid hurting eyes.

2.2. Transportation Precaution

- Disconnect all peripheral devices of the projector before transport.
- Confirm the projector is switched off before transport.
- Ensure a good projection and packaging before the transportation of the projector.
- Do not rub scrape the surface during the transport.

2.3. Kindly Remind

- The following pocket projector pictures and function descriptions are for your reference and subject to the material object. All contents in this user manual are subject to change with out notice. Our company reserves the right of the final interpretation.
- Apps provided and operated by parties external to AOPEN. Service quality and technical support subject to their respective app publishers. Apps shown for reference and demonstration purposes only.

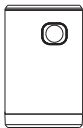
3.1. Specification

DMD FEATURES	
Display Technology: DLP (0.2"DMD)	Distortion: <1.0%
Native Resolution: 854*480P (decoding 1080P)	Main Chip: MStar MSD6A358
Offset: 100%	Light Source & Lifespan: 20,000 ~30,000 hours
Throw Ratio: 1.2:1 (distance/width)	Keystone Correction (AUTO/Manual): ±35° (vertical)
Aspect Ratio: 16:9 (default)/4:3	Image Size: 0.5m - 2.54m (20" - 100")
OS FEATURES (ANDROID)	
Screen Mirroring: AirPlay Chrome cast	CPU: Quad core ARM Cortex-A35*4 CPU up to 1.5GHz (DVFS) 64bit
RAM: 1GB DDR3	GPU: Mali-400MP2
WiFi: 2.4GHz	Flash: 8GB
Bluetooth: 4.0	
BASIC FEATURES	
Built-in Battery: 8000mAh	Built-in Speaker: 2*5W
Video Formats: MPEG-1, MPEG-4 ASP, XviD, H.264, VC-1	Audio Formats: MPEG1, WAV (PCM, ADPCM), AAC (AAC-LC, AACHE), PCM
Picture Formats: JPEG/BMP/PNG	Interfaces: HDMI, USBx2, Type-C, AV in or Audio out (3.5mm), DC in, microSD card (TF card) slot, reset button
Power Consumption: 36W	Voltage Input: DC 12V/3A; AC100V~240V
Dimension(L*W*H): 86mm x 86mm x 136mm	Accessories: Remote Control, Adapter, QSG, Carrier bag (optional)
Weight: 723 (±5g)	

3.2. Standard Accessories

Contact your dealer immediately if any items are missing, appear damaged, or if the unit does not work. It is recommended that you keep the original packing material in case you ever need to return the equipment for warranty service.

Projector



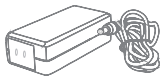
Remote Control



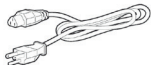
Carry bag (optional)



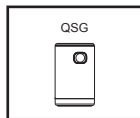
Adapter



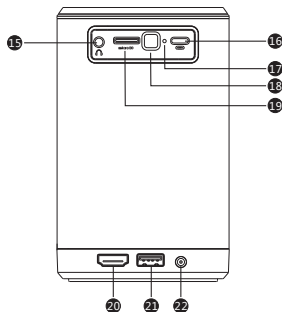
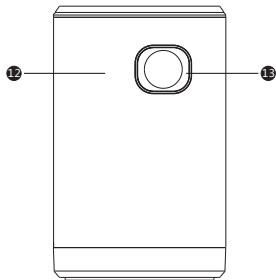
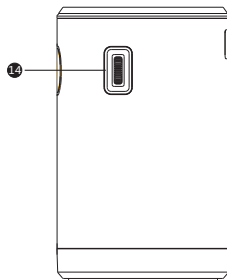
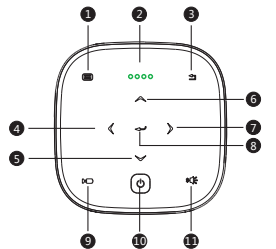
AC Cable



QSG



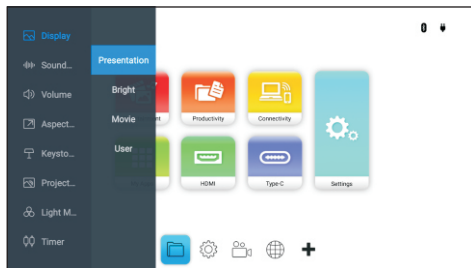
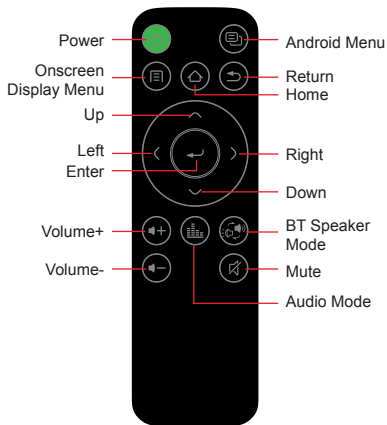
3.3. Overview



1. Meun
2. LED Indicator
3. Return
4. Left
5. Down
6. Up
7. Right
8. Enter
9. Projection Mode
10. Power
11. BT Speaker Mode
12. IR Sensor
13. Lens
14. Focus Dial
15. Audio Out
16. Type C
17. Reset
18. IR Sensor
19. micro SD
20. HDMI
21. USB
22. Dc-In

3.4. Remote Control

1. To use the remote, you need to point it at the IR Sensor on the projector.
2. If you want to turn on the projector with the remote control, you must connect the projector to the power supply.



Onscreen Display Menu

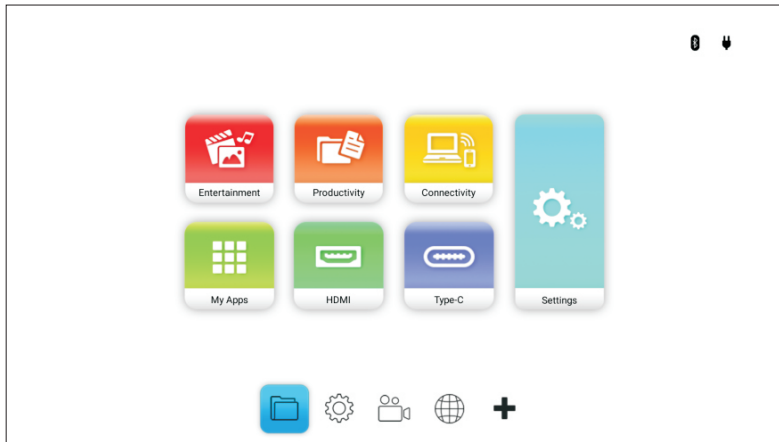
Menu	Option
Display	Presentation, Bright, Movie, User
Sound...	Music, Movie, User
Volume	+, -
Aspect	Auto, 4:3, 16:9
Keystore	Manual, Auto
Projection	Front, Rear, Front/Ceiling, Rear/Ceiling
Light M...	Auto, Standard, Economic Mode
Timer	Off, 10min, 20min, 30min, 60min

4.1. Turn On

Switch on the power button for 3~5 seconds. Or you also can press the power button on the remote control when AC power adapter is connected.

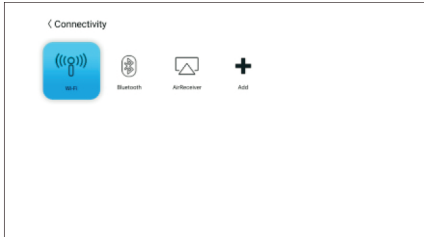
After the initial UI appears, adjust the focus wheel on the projector to adjust the clarity of the image.

Note: Do not cover the device when it's using. Otherwise, the device could overheat.

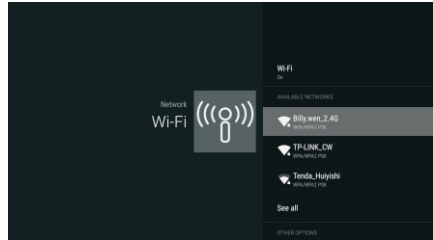


4.2. Connect WiFi

4.2.1. Start “Connectivity” on the UI, and then enable “Wi-Fi” as below:

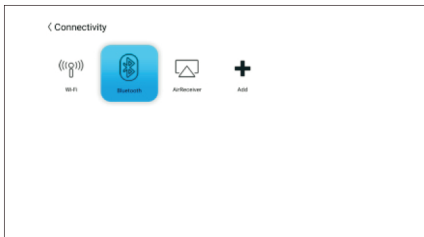


4.2.2. Turn it “ON”--Select the WiFi name. Input password and click “connect”.

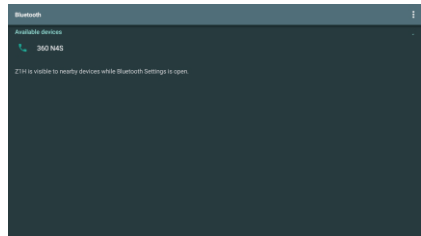


4.3. Connect Bluetooth

4.3.1. Start “Connectivity” on the UI, and then enable Bluetooth as below:

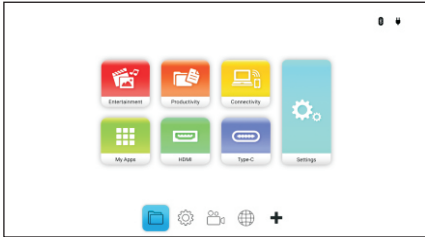


4.3.2. Turn it “ON”, and choose your Bluetooth device name to pair. Then you can enjoy streaming audio to any Bluetooth enabled speaker/earphone/headphone.

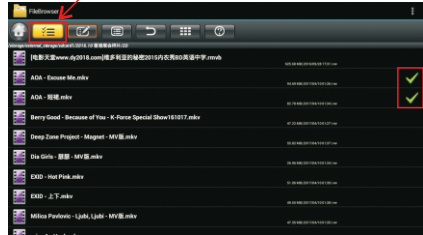


4.4. Copy/Cut data

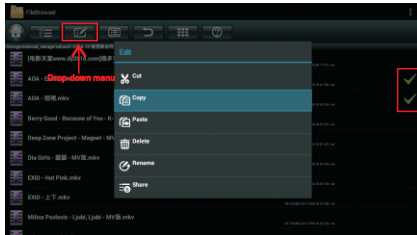
4.4.1. Start "File Manage", or start "FileBrowser", located in My Apps.



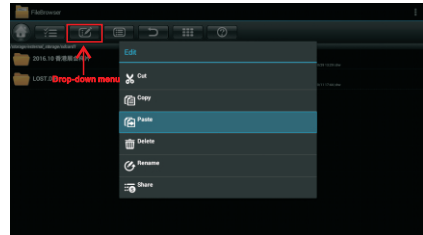
4.4.2. Find where is your target file and then click the "check" key to select your target files.



4.4.3. Drop down the 3rd menu from left, and choose "Copy".



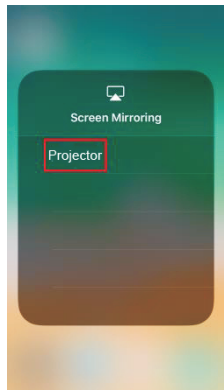
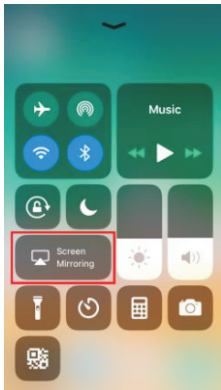
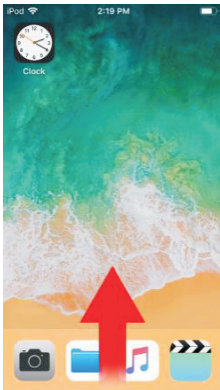
4.4.4. Choose where do you wanna paste to, and same as step 4.4.3, choose "Paste".



4.5. Mirroring Setup

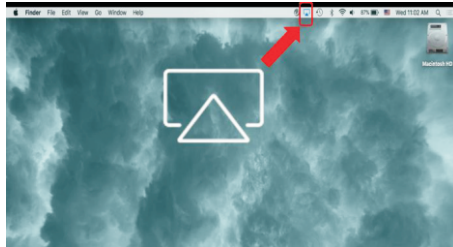
4.5.1. Screencasting with an iOS Device

- 1) Connect your device to the same Wi-Fi network as the projector.
- 2) Swipe up from the bottom of the device's screen to access the iOS control console.
- 3) Tap the Screen Mirroring button on the iOS control console.
- 4) In the Screen Mirroring menu select the device name "Projector".
- 5) Your iOS device's screen will be displayed on the projector.

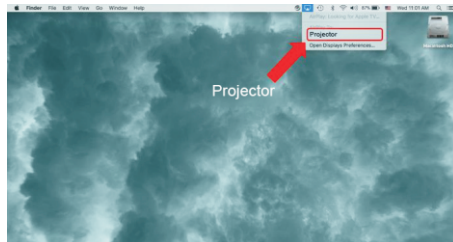


4.5.2. Screencasting with a MacOS Device

- 1) Connect your device to the same Wi-Fi network as the projector.
- 2) Open the status menu at the top of the screen and then click the Screen Mirroring button.



- 3) In the Screen Mirroring menu select the device name "Projector".



- 4) Your MacOS device's screen will be displayed on the projector.

4.5.3. Screencasting with an Android Device

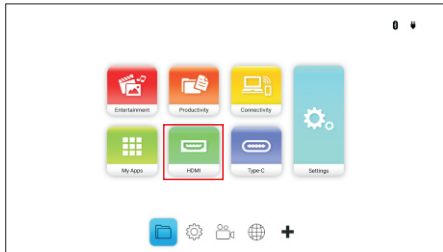
- 1) Connect your device to the same Wi-Fi network as the projector.
- 2) Open google home APP on your device.
- 3) In the google home APP menu select your projector name and click cast my screen.
- 4) Your Android device's screen will be displayed on the projector.

Note:

Every Android smartphone/tablet brand uses a different name for their wireless casting feature. Check your device's user manual or call the device's support line to find out the name of your device's casting feature.

4.6. Playing from a Video Source (HDMI)

- 1) Connect the device to the projector.
- 2) Power on the projector.
- 3) Using the keypad or remote control, select HDMI from the home screen and press the enter button.



- 4) The video will automatically be projected onto the screen.

4.7. Playing from a Video Source (Type-C / DisplayPort)

To project a video from a device connected to the Type-C (DisplayPort) port:

- 1) Connect the device to the projector.
- 2) Power on the projector.
- 3) Using the keypad or remote control, select Type-C from the home screen and press the enter button.
- 4) The video will automatically be projected onto the screen.

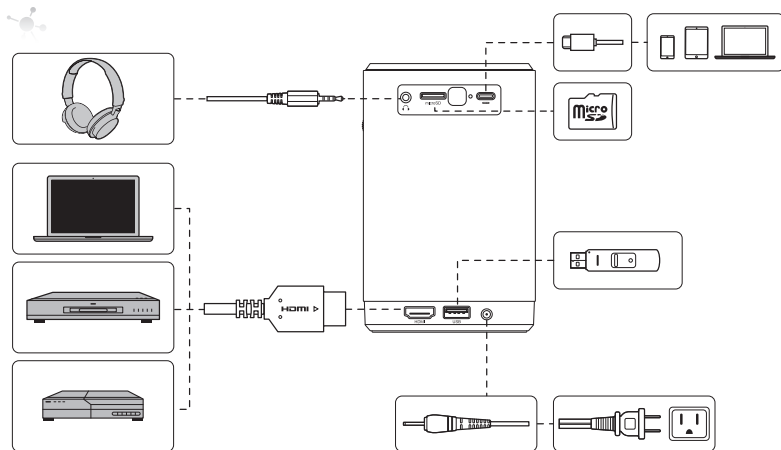


Note:

- *The projector only supports playing video via the Type-C port from devices with DisplayPort functionality.*
- *Please be aware that standard Type-C devices, ports, or cables only support data transfer and do not support direct projection.*

5.1. If you want to experience more advanced interaction function, connect the projector with the wireless mouse, keyboard or other external devices.

Keyboard: cable or wireless	USB: USB disk (maximum: 128GB)
Mouse: cable or wireless	TF card: micro SD card or TF card (maximum: 32GB)



- 6.1 Is it possible to connect this projector to a game console, such as a Microsoft® Xbox or Sony® PS3, PS4?
Yes, projector can be used to display content from an Xbox or Ps3, PS4 console. This can be done by connecting the HDMI cable from the game console to projector.
- 6.2 Can projector project content from a television?
Watching television content can be done by connecting a cable box, digital set-top box or satellite receiver directly to projector. For example, if a cable box is used, it can be connected by an HDMI cable to projector.
- 6.3 How are images from a digital camera or a USB storage device displayed?
Images and other content can be displayed by connecting the following devices to projector: USB flash drive, hard drive, micro SD card, card reader, Digital camera, Smartphone, Multimedia storage viewer.
Once the devices are connected, images can be displayed by using projector Media Center.
- 6.4 Which cable is required for video devices to be connected with projector?
Video devices can be connected to projector by using HDMI or AV cable if the devices contain the appropriate ports.
- 6.5 What type of document formats does projector support?
Microsoft® Office 97-2010 (Word, Excel®, PowerPoint®), Adobe® PDF (1.0, 1.1, 1.2, 1.3, 1.4).
- 6.6 What type of photo formats does projector support?
JPEG/BMP/PNG
- 6.7 How long will the LED light source in projector last and can it be replaced?
Our projector does not use a typical light source. It uses a set of Light Emitting Diodes (LED) to illuminate and project images. LED's have a greater lifespan than conventional lamps. Our projector LED's are estimated to last for approximately 30,000 hours. The lifespan of the LED depends on factors such as brightness, usage, environmental conditions. LED brightness can decrease over time.
The LED module is not replaceable.
- 6.8 I've lost my remote. Where can I get a replacement?
Contact your Reseller or our Customer Service obtain a replacement remote (Charges may be applied).