

axxa

TECHNOLOGIES

P6 ULTIMATE
Projector



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.

Battery warning

This product includes a large array of lithium ion batteries. AAXA Technologies employs only premium lithium ion batteries, the same type used in high-end Electric Vehicles. Additionally we pay careful attention to battery design safety. That said Lithium Ion batteries contain a tremendous amount of energy and must be handled with care!

WARNING: Large battery products contain a tremendous amount of energy.

WARNING: Users must handle this product with care. Battery systems are susceptible to shock damage, vibration damage, punctures, and overheating.

WARNING: Please respect the internal large lithium ion battery. Please remember it contains a tremendous amount of energy.

Battery warning

SUGGESTIONS

- Do not carelessly throw or drop the product.
- Do not keep the product in direct sunlight or near heat sources.
- Do not keep the product inside hot environments such as automobiles during the summer.
- Do not attempt to charge in freezing environments, this will damage batteries.
- If damage is suspected DO NOT CHARGE, DO NOT USE.
- Always Charge on safe, no-flammable surfaces, away from flammable objects.



Solar Charging Warning

- **Warning:** Do not expose the projector to direct sunlight!
- **Caution:** When using a solar panel to charge the projector makes sure the projector is covered and / or not under direct sunlight. Monitor the projector temperature to ensure it does not overheat.



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P6U at a Glance

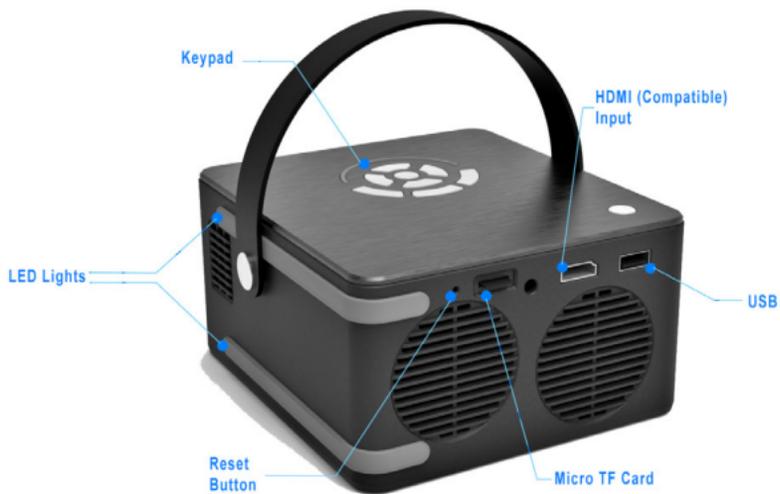
Chapter 1

Main Unit



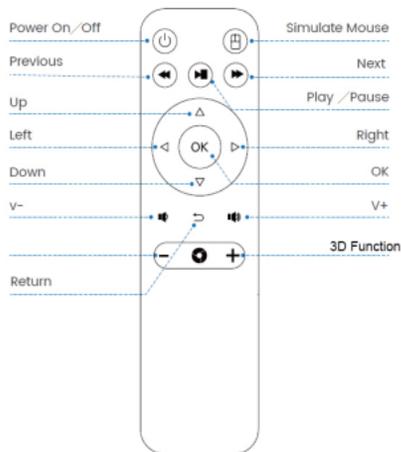
P6U at a Glance

Main Unit

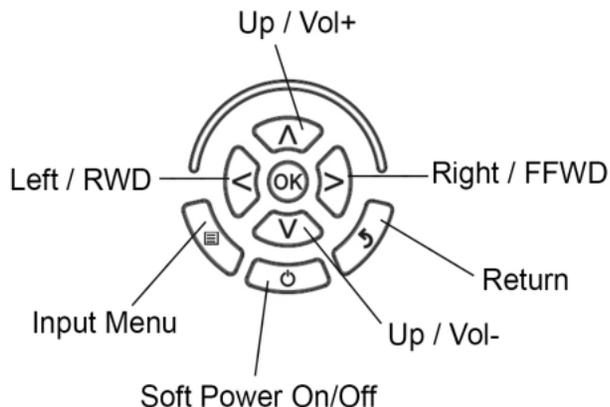


Remote & Keypad

Remote Control



Direction Pad



Both the keypad and remote can be used to navigate through the menus. The remote control has additional functionality including “mouse” feature that the onboard keypad does not.

Accessories



65W Fast Charger



Remote Control



Carrying Case

**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. The P6U should be fully charged before startup.
2. The P6U charges through the Type C power port found **under “Power Input” next to the carry handle.**
3. Toggle the On / Off switch to “On” and the projector should automatically turn on.



Bluetooth OFF Projector

Standby Mode

1. To transition to “STANDBY” mode, press the power button on the remote control.
2. The optical engine should power off and the fan should stop spinning. The projector is now in “STANDBY” mode and can be turned on using the remote control.

***Note: Standby mode will still consume a small amount of power.**

Powering OFF the projector

1. To turn off the projector, toggle the “Power Switch” to the “OFF” position. This will fully turn off the projector. The unit can only charge when it is off.

Charging the P6U

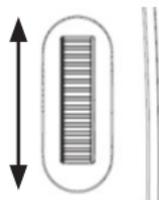
1. Charge Mode – The P6U charges through a USBC Type C (Compatible) charge port. This makes the P6U compatible with most USB chargers and eliminates the need for a clunky power adapter. A powerful 65W USBC compatible adapter is included with the device. This charger is able to support the P6U at maximum power consumption levels for extended operation.
2. Operating Power Load Balance In low power charging conditions (when the power adapter is not high power) the P6U will load balance first from the power adapter then any power deficit from the onboard batteries. When the onboard batteries are depleted the P6U will shut down. The included power adapter is sufficient to operate the P6U for extended operation.
NOTE: Most USB power adapters are not powerful to operate the P6U for extended operation.
3. Battery Pack – The P6U incorporates a large 74w (20000mah) battery pack. Please see battery warnings for cautions. The battery system charges at 0.3C (3+ hours for a full charge). The P6U incorporates a large battery. PLEASE SEE BATTERY WARNINGS



Focus Adjustment / Throw Distance

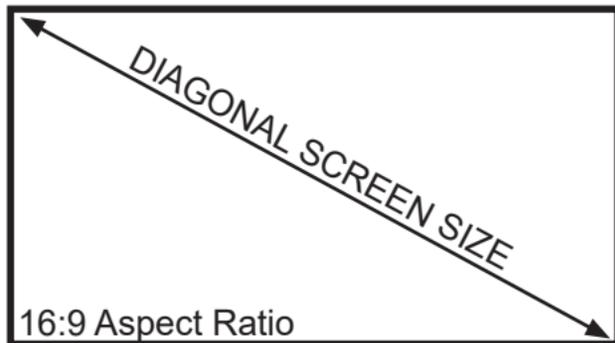
Focus Adjustment

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



Throw Distance Chart

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



- Throw Ratio: 1.2:1
- Projection Angle: 100% Offset
- Minimum Throw Distance: 14 inches

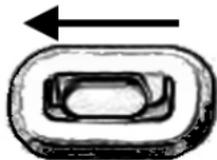
Bluetooth Mode / Lantern Mode

1. Bluetooth Mode – The P6U can operate as a Bluetooth Compatible Speaker and Music Visualizer (LED effects). This mode is activated by hard-switching the power button to “Bluetooth” mode. The projector will say “Bluetooth Mode”.



Connecting a Bluetooth compatible music source:

- Switch the Projector into “Bluetooth Mode”



Bluetooth OFF Projector

- Select “AAXA Tech” in your Bluetooth connection screen on your device. The devices should pair automatically.

Bluetooth Mode / Lantern Mode

2. Selecting Music Visualization (LED Special Effects) – The P6U's onboard LED lights will light up matching the volume, tempo, and type of music.

Controls for Music Visualization:

- Light Button - Toggle Music Visualization (while in Bluetooth mode)

LED Mode

Mode 1, Mode 2, Mode 3, Lantern, Off

- a. Light Mode 1
- b. Light Mode 2
- c. Light Mode 3
- d. Lantern Mode
- e. Off



Light Button

Bluetooth Mode / Lantern Mode

- Lantern Mode:** Lantern mode can be activated in Bluetooth mode and by toggling the “LED” button until the LED lights stay on constantly. LED light color can be selected by pressing the selection button.
- Bluetooth Mode Controls:**
 - Toggle Music Mode, Toggle Lantern On/Off, LEDs Off
 - LED Color
 - Volume Up / Down
 - Next / Previous Song



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!

Connecting Bluetooth Speakers:

To connect a Bluetooth Speaker go to the Bluetooth submenu found under the settings menu. Please see page (37) for more information.



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

Loading External Content



(up to 64 GB)



(up to 64 GB)

The P6U can read files directly from both a TF Card and USB Drive.

Supported file types include:
MP3 / WMA / OGG / WAV
AVI / JPG / GIF / BMP



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 P6U (as shown in picture).
- Gently slide the TF card until it clicks into place.

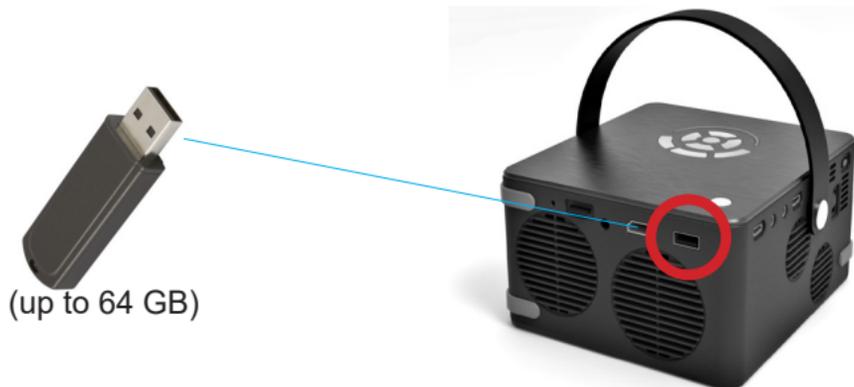


(up to 64 GB)

Loading External Content Cont.

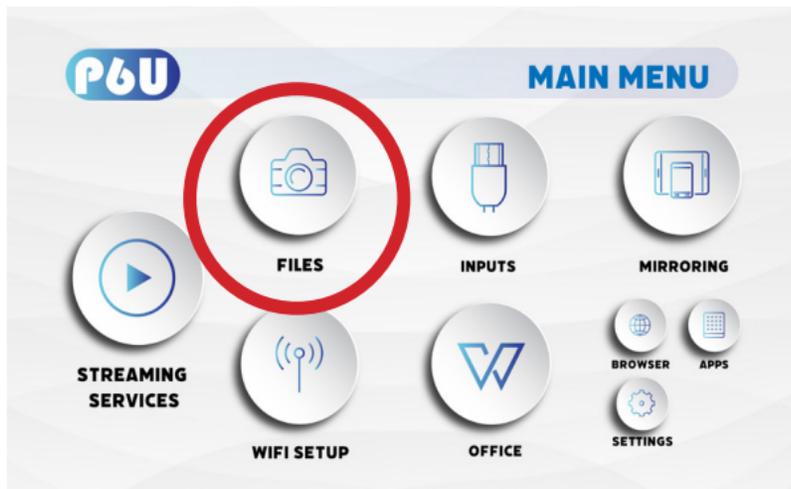
How to insert your USB Drive

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



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 18 for File Viewer Submenu). To load Text documents, select the Office icon. (See Page 21 to learn more)



Main Menu

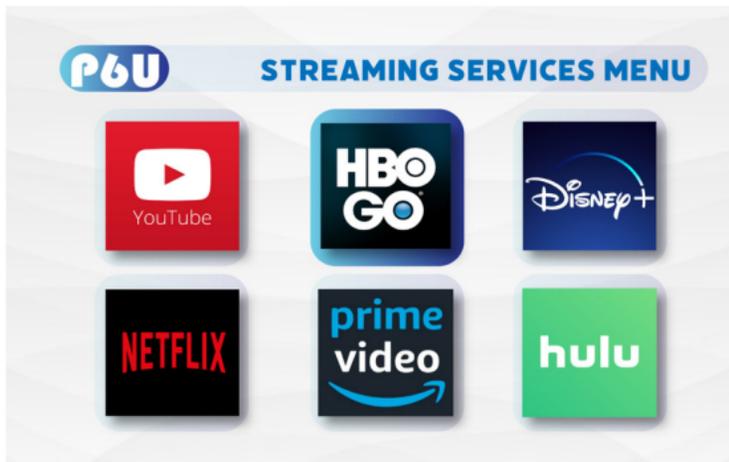
The P6U features an Android 9.0 Operating System. This powerful operating system allows users to (1) Connect to WIFI (2) Stream Content (3) Play Videos/Pictures/Media (4) Mirror Smartdevices (5) View and Edit MS Office and PDF files (6) Browse internet (7) Load Apps.



- 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.

Streaming Services Menu

- The use of Streaming Apps requires a working WIFI internet connection.
- Some apps will require a mouse.
- To Access the App Store, please see “Apps Menu” Page (28).



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

Streaming Services Menu

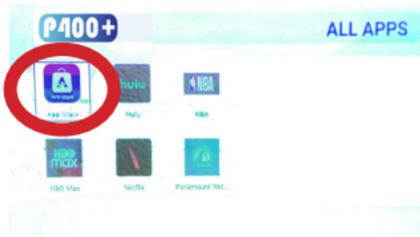
- Primary Streaming Services can be accessed through the Streaming Submenu.



Note: Different regions will feature different streaming apps.

- Additional Streaming Apps can be downloaded via the App Store. The App store can be found under Apps and App Store.

Note: Not all regions support the App Store or the downloadable apps. Some regions may not include App Store on the device.



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

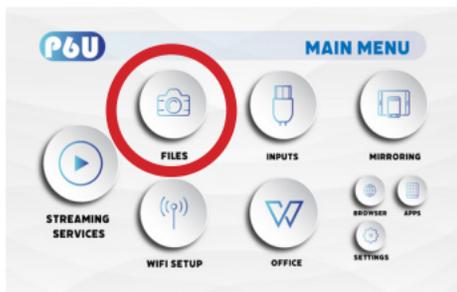


Fig. 3.9

FILE



The P6U will show all folders and files you have on your USB or TF Card drive. Use the navigation buttons to select folders or files.

Wifi Menu (How to connect to Wifi)

How to Connect to Wifi:

- 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)
- If you enter the password incorrectly, select “forget” the available network to start over.

Fig. 3.4

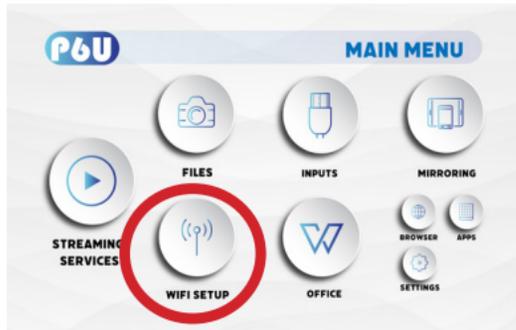


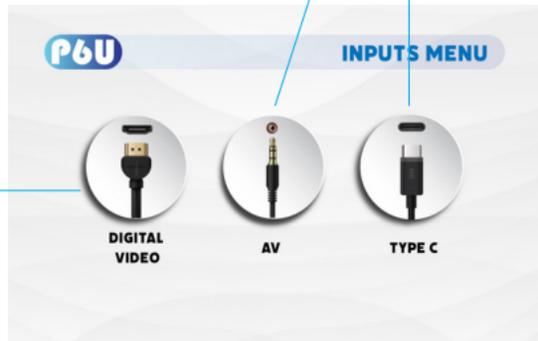
Fig. 3.5



Input Selection

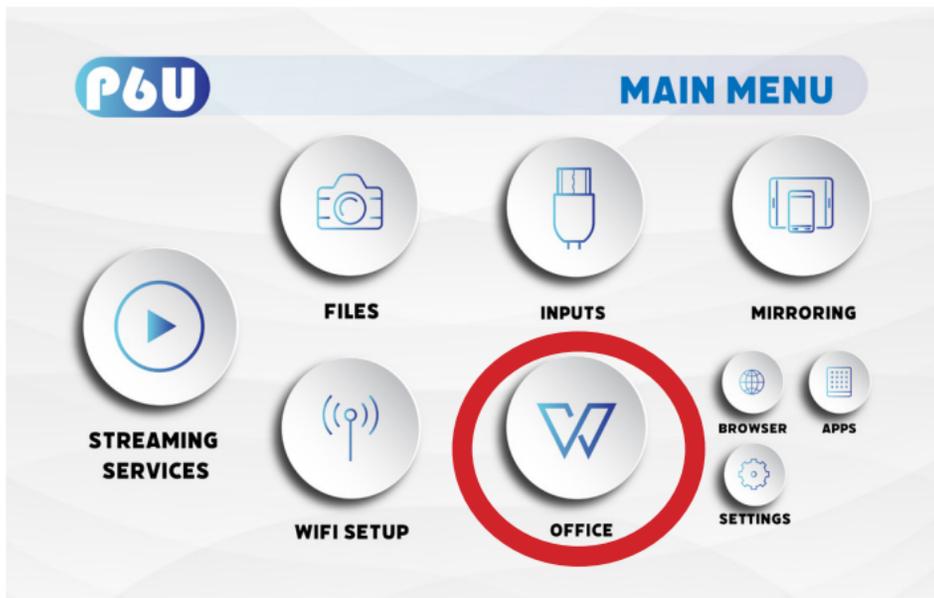
The P6 Ultimate has 3 hard wired Inputs;

- i. Digital Video (HDMI Compatible)
- ii. AV (Audio Visual)
- iii. USB Type C (Compatible)



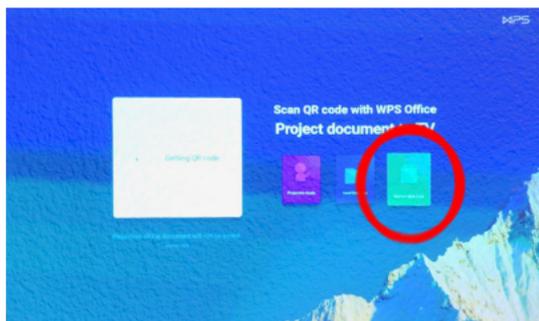
Office Menu

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



Office Menu

- In the Main Office Menu select “Removable Disk” Then select the file you want to display. File formats can include PDF, DOC, PPT, XLS
- Use the arrow keys on the keypad or remote control to scroll through the file.



Mirroring Menu

How To Screen Mirror Smartphone:

- The P6U allows screen mirroring of Android and Apple IOS smart devices. Android mirroring is done through a direct P2P connection whereas Apple IOS devices requires a router/network host for mirroring.
- After connecting the P6U to wifi, in the Main Menu, choose “Mirroring” icon (Fig 3.6)
- In the Mirroring Menu, choose Android, Iphone or Type C. (Fig 3.7)
- Use built-in AirPlay, AirPinCast, AirPinPCSender to screen mirror from your iOS devices. Android devices can use Smart Mirror or similar onboard casting functions.

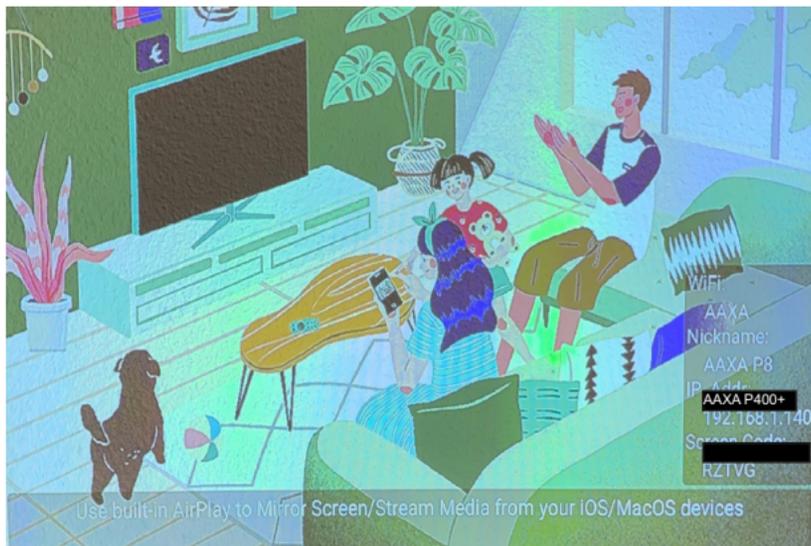
Fig. 3.6



Fig. 3.7

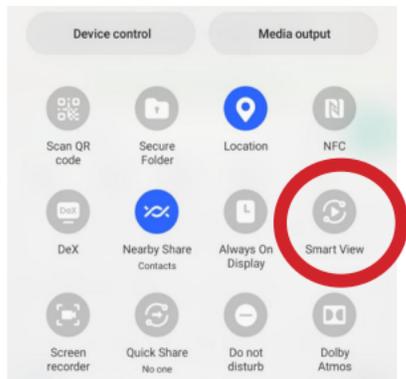


Mirroring Menu



To screen mirror iOS devices, your devices and the P6U have to be connected to the same Wifi network. Note: 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 devices, select the “Smart View” or similar direct P2P function in your smart phone. Select “P6U” as the display source.



To screen mirror iOS device, after connecting the P6U and your device to the same WiFi network, please select “AAXA Tech” in the Screen Mirroring menu.

3D Function

1. The P6U supports DLP 3D Projection Mode.
 - Supported File Formats include Vertical and Horizontal 3D Mix. Youtube and other streaming 3D content is not supported at this time.
2. To Activate 3D mode first begin playing a 3D file in the Video Player. Most 3D video files will begin playing either horizontally or vertically (fig 1).
3. After the file begins playing press the “+” button on the remote control (fig 2).
4. A submenu will pop out (fig 3) and the user can select the type of file 3D format (vertical, horizontal, or other)

Fig. 1



Fig. 2

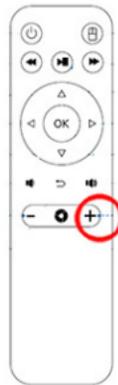


Fig. 3

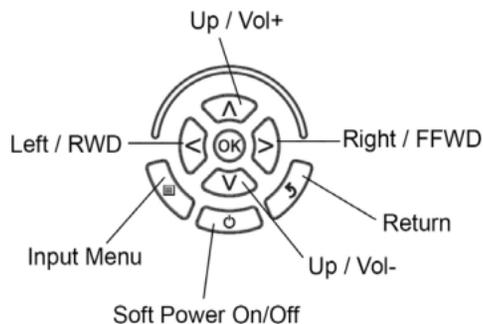
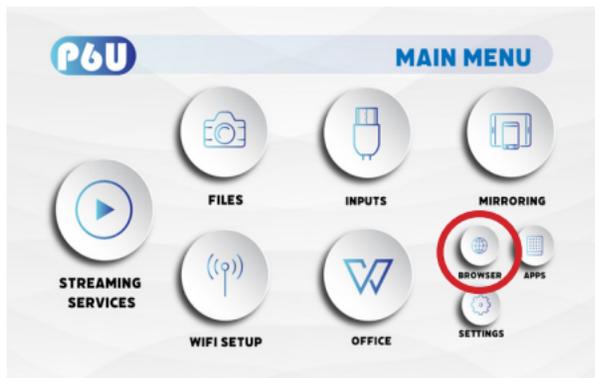


***Note:** DLP 3D Projection Mode requires DLP 3D Glasses.

Browser Menu

How to open an internet browser in the P6U:

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

Some versions of the P6U (depending on region) will feature an “app store”. This app store can be accessed to download different apps. Many apps are region dependent - not all apps are compatible – some may not work.

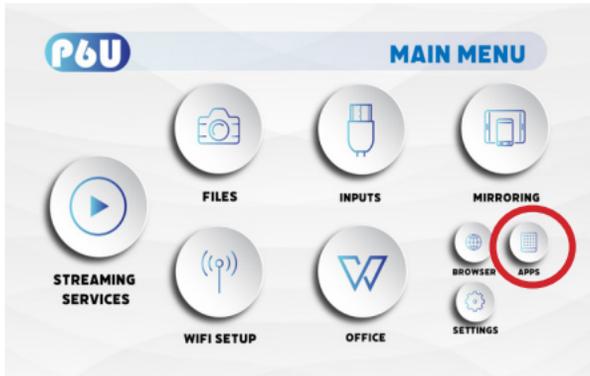


Fig. 3.10

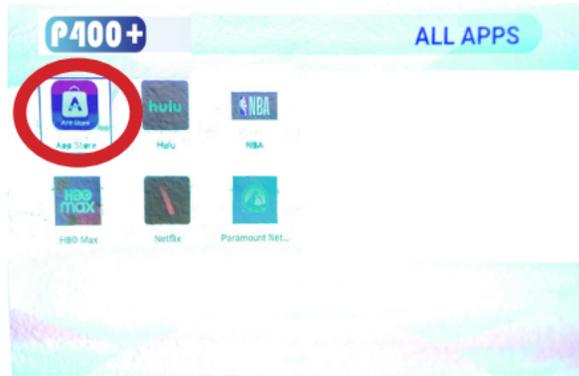


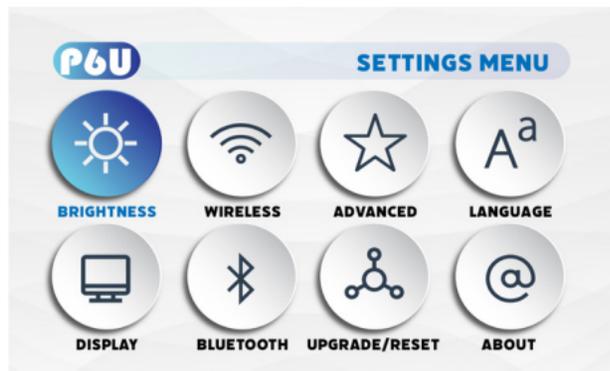
Fig. 3.11

Note: It is not recommended that users load their own apps onto the P6U.

Settings Menu

Chapter 4

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 P6U 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

Upgrade/Reset

- Reset
- Update Android

About

Brightness Menu

To change the brightness on your P6U:

- 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

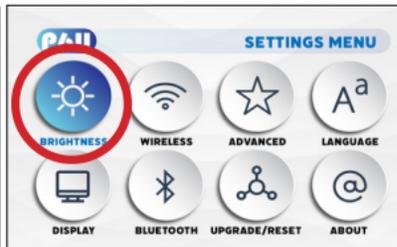


Fig. 3.2

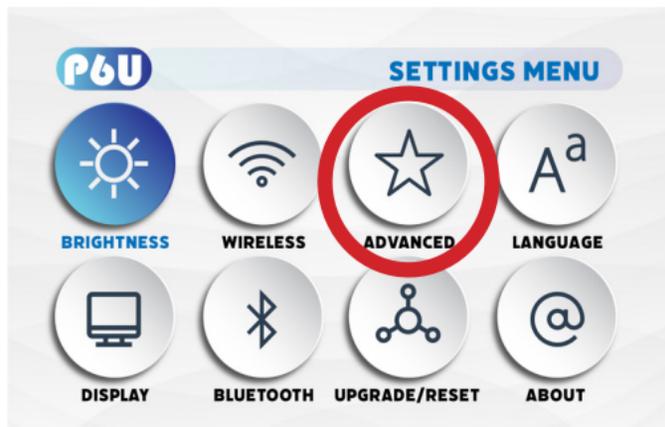


Fig. 3.3

“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.**

*For Wifi Menu please see Page (20).

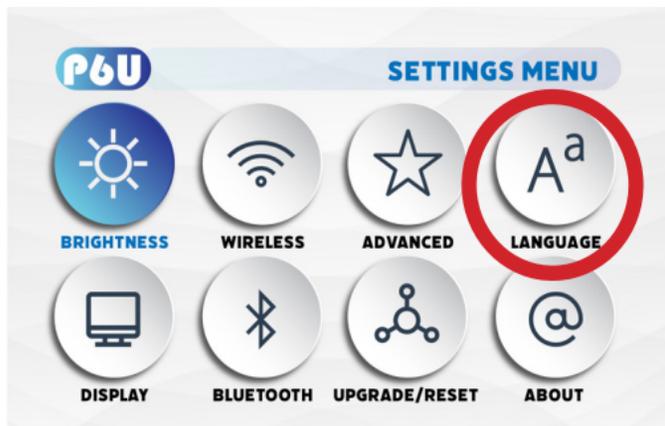
Advanced Settings



In the Advanced setting menu, you can set up:

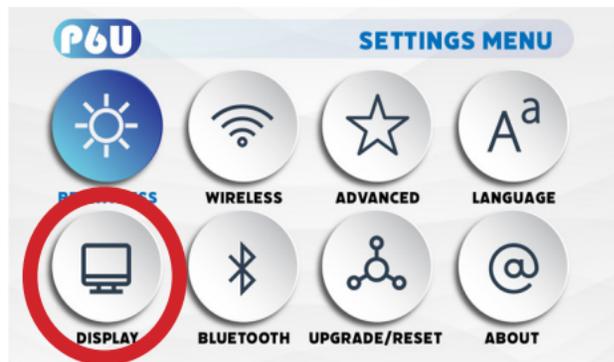
- Network & Internet
- Bluetooth
- Accounts Sign in
- Apps
- Device Preferences: About, Date & Time, Language, Keyboard & Autofill, Mouse Mode, Display, Inputs, Sound, Storage, Screen Saver, Developer Options, Location, Security & Restrictions, Accessibility and Reset.

Language Settings



In the Language Settings menu, you can select your preferred language.

Display Settings



In the Display setting menu, you can set up:

- Projection Direction
- Mode Image
- Color Temperature



Keystone

- Change Image Keystone

Projection Direction

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

Mode Image

- Auto Mode, 4:3, 16:9

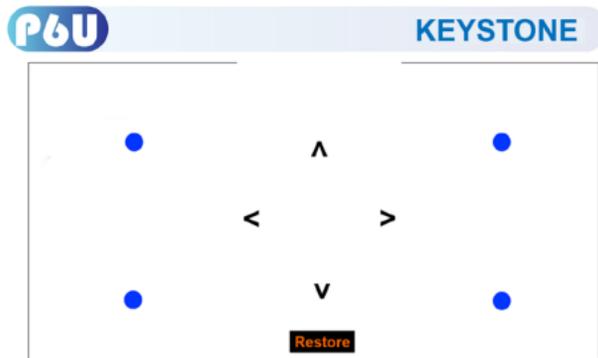
Color Temperature

- Medium, Cool, Warm

Adjusting Keystone

1. The P6U features 4-way adjustable keystone.
2. Enter the Keystone submenu (fig 1).
3. Keystone is adjusted by selection each corner of the screen and adjusting either the X or Y coordinate. The adjustments will push or pull the screen at each corner along the X or Y axis. The amount of correction can be selected with the keypad or remote control.
4. User can “restore” to original.

Fig. 1

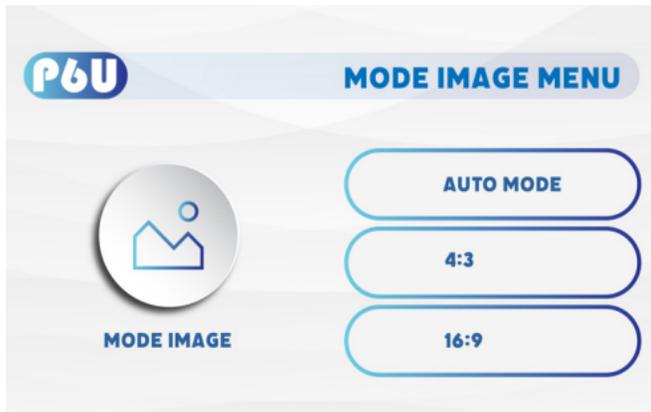


Projection Direction



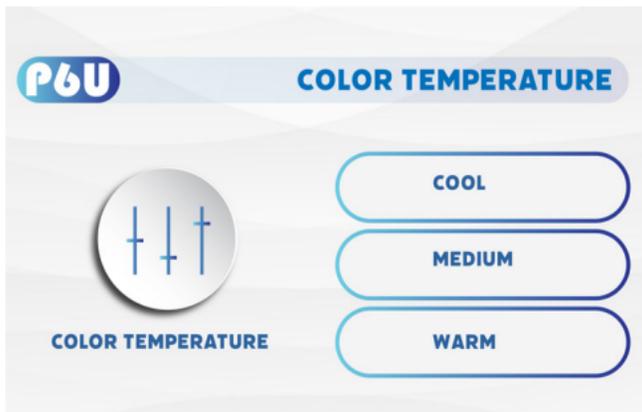
- Front Vertical
- Rear Vertical
- Rear Inverted
- Front Inverted

Mode Image Menu



- Set the image mode to **Auto Mode**
- Set the image mode to **4:3**
- Set the image mode to **16:9**

Color Temperature



Color Temperature

- Set the color temperature to Cool
- Set the color temperature to Medium
- Set the color temperature to Warm

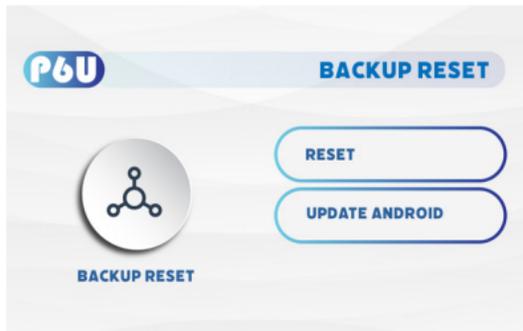
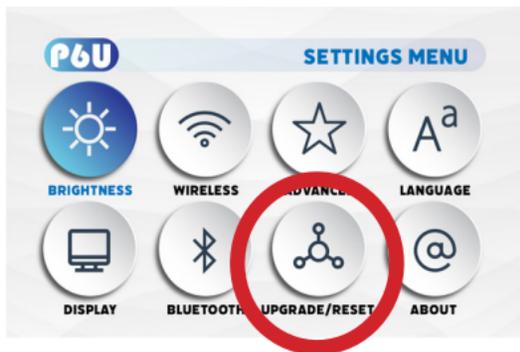
Bluetooth Menu



How to connect the P6U 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 P6U.
- Note: Bluetooth is for audio output only – does not accept audio input or video streaming.

Backup/Reset Menu



How to reset the P6U

- In the Settings Menu, go to the Backup/Reset menu by selecting the Upgrade/Reset icon.
- In the Backup Reset menu, you can choose to Reset the P6U, or Update Android.

About Menu



How to view P6U "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, Restart, Check Status & Legal Information, check Model Name & Android Version, check Android Security Patch Level, Kernel version and Build.



Notes

Please direct all customer service inquiries to:

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