



Powerology

Pharos
Projector with Touch Screen

SKU: PWA8PROGY



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Product Overview

The Powerology Pharos Projector with Touch Screen offers a user-friendly experience with its Android 12 interface and a responsive 10.1" capacitive touch display. It features high-grade optics for sharp, vivid visuals, with a projection size range of 30" to 250". The projector includes auto keystone correction, electric focus adjustment, and a remote control. It also supports side-angle projection, Hi-Fi dual speakers, and has 500 lumens brightness for clear viewing. Multiple connectivity options ensure seamless device integration.

Specifications

Input	AC100-240V, 50/60Hz, 1A
Rated Power	102W
Display	10.1" IPS Capacitive Touch Display
Display Resolution	1920 × 1080P
Brightness	500 lumens
Color Gamut	NTSC 40%
LED Power Consumption	78W
Projector LED Lifespan	>10000 Hours
Contrast Ratio	2000:1
Aspect Ratio	16:9, 4:3
Projection Resolution	RGB 1080 × 1920P
Projection Ratio	1.30±10%
Projection Size	30"- 250"
Projection Distance	1.3-10m
CPU	SSD2381 (Arm Cortex-A55)

GPU	Mali-G1 ,52-Core, 2EE
RAM	2GB
Internal Storage	32GB
Operating System	Android 12.0
Wi-Fi	Dual Band (2.4GHz / 5GHz)
Bluetooth Version	5.0
Speaker	2 x 5W (4Ω)
Interfaces	HDMI, 2x USB-A, 3.5mm Audio Jack, AC Power Socket
Product Material	ABS
Product Weight	3.85kg
Product Size	105.6 x 333 x 362mm
Model Number	PWA8PRO

Safety Precautions

1. Please read this manual carefully before using the machine.
2. Use the power supply type indicated on the machine and the power supply provided with the machine.
3. Handle the power cord carefully to avoid excessive bending. Damaged cords may result in electric shock or fire.
4. Do not disassemble the machine by yourself, as the company will not provide warranty services in such cases.
5. Avoid looking directly into the machine's lens while it is operating to prevent eye injury.
6. Maintain a minimum gap of 30cm around the machine and ensure it is not covered by newspaper, cloth, or other items.
7. Keep the machine away from humidity, exposure to high temperatures, and other extreme environments, as well as from magnetic objects.

8. To extend the lifespan of the machine and protect your eyesight, we recommend turning off the machine after 3 hours of continuous use and disconnecting the power supply for 30 minutes before turning it back on.
9. The machine will automatically enter screensaver mode if there is no operation on the static interface within five minutes. You can press the back button on the remote control to exit the screensaver.

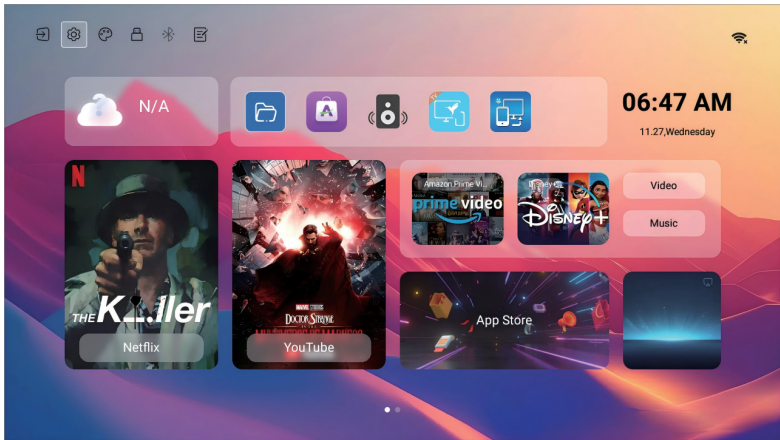


Warning:

- a. To prevent electric shock, do not open the shell.
- b. Maintenance should be performed by professionals only.

Tablet Operation

The main interface of the tablet provides various options for navigation and customization. The Home page displays shortcuts to apps like Netflix, YouTube, and more, allowing easy access to your preferred content. The Background Image settings offer several scenic wallpapers to personalize your device.



Home Page

The Weather Mode provides real-time weather information for your selected location, including a 7-day forecast. You can also access quick settings such as Back, Settings, and the Calendar for easy management of your device.



Weather Mode



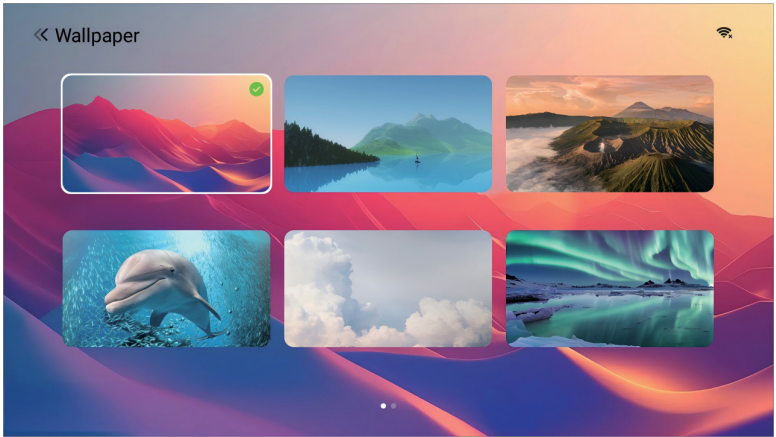
Back



Setting

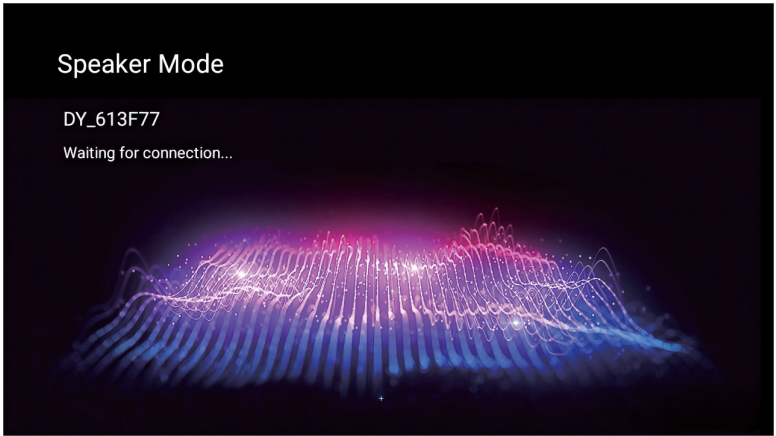


Calender



Background Image

In Speaker Mode, the tablet offers options to manage sound settings and connections, ensuring a smooth audio experience. The control interface includes icons for Photo, Speaker, Home, and Volume adjustments, allowing you to customize the tablet's features efficiently.



Speaker Mode



Photo



Speaker



Home

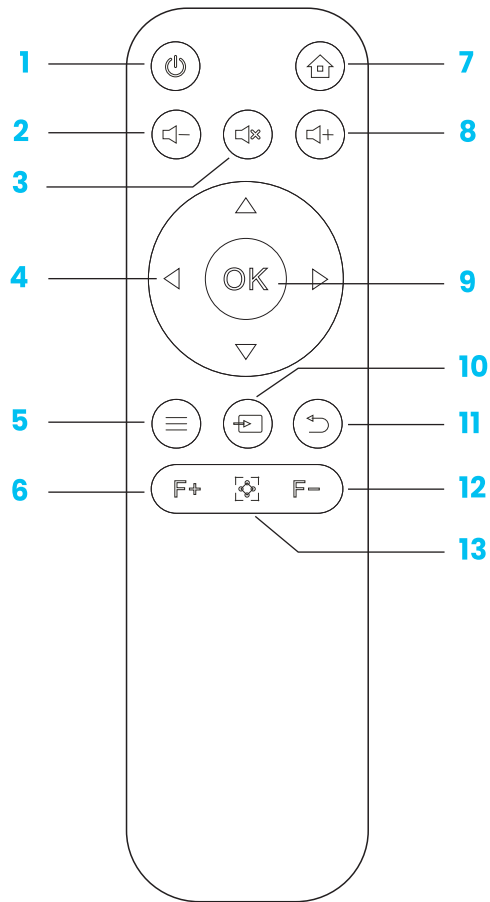


Volume

Remote Control Instructions

The remote control provides essential functions for operating your device. Below is an explanation of each button:

- | | |
|-----------------|-------------|
| 1. Power Button | 8. Volume + |
| 2. Volume - | 9. OK |
| 3. Mute | 10. Source |
| 4. Arrows | 11. Back |
| 5. Menu | 12. Focus - |
| 6. Focus + | 13. Focus |
| 7. Home | |



a. Adjusting Focus:

If auto-focus makes the screen unclear, use the Focus + and Focus - buttons to adjust it appropriately.

b. Powering On/Off:

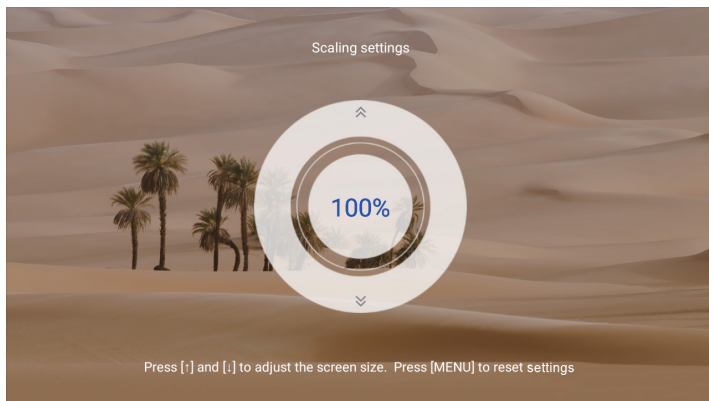
In addition to using the remote control to turn the machine on and off, the Power Button located on the machine itself can also be used.

c. Focus Correction

By default, auto-focus is enabled. If the autofocus effect is not clear, use the Focus - and Focus + buttons on the remote control to adjust the focus until the display is sharp.

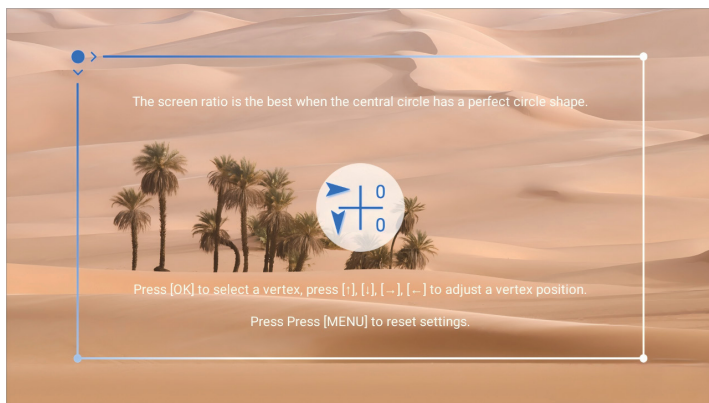
Zoom Adjustment

To adjust the screen size without moving the device, go to the Home Page, then navigate to Settings – Projection Settings – Screen Zoom. Press the up and down arrows to scale the screen size as needed. To reset the screen size, press the Menu button.



To reset, press the Menu button.

Keystone Correction Guide



The auto keystone function is enabled by default. If the auto keystone effect is unsatisfactory, navigate to Settings – Projection Settings – Manual Keystone Correction and follow the on-screen wizard to

manually adjust the image until it appears clear.
For manual adjustment, press OK to select a vertex, then use the arrows to adjust the position of the vertices. To reset the settings, press the Menu button. The screen ratio is most accurate when the central circle maintains a perfect circle shape.

Wi-Fi Network Setup

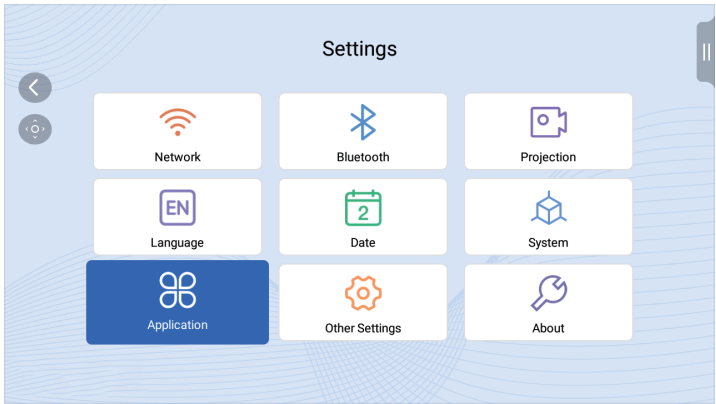
To connect to a Wi-Fi network, go to the Home Page and press the Source button on the remote control. On the displayed page, select the desired signal source, such as HDMI or USB. Press the OK button to enter the corresponding signal source.
To add a Wi-Fi network, select the Add Wi-Fi option. In the Network Name field, choose your desired Wi-Fi network and enter the password. Once entered, press Connect to establish the connection.



Application Management

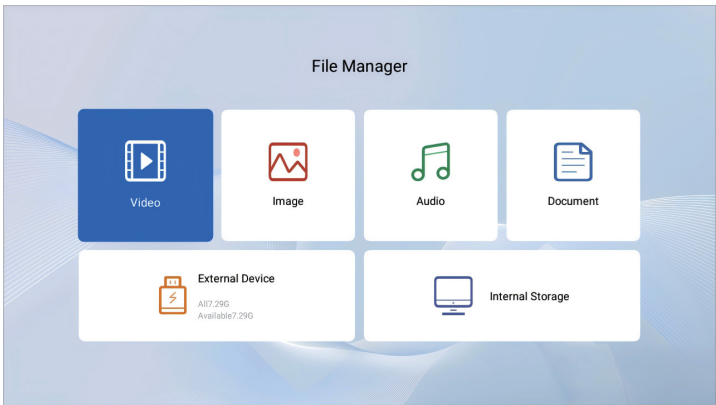
To view installed applications, press the right key on the remote control from the Home Page to display the list of apps. Select the desired app and press OK to open it. To uninstall an app, press the Menu button. Alternatively, you can go to Settings – Application to view all installed apps.

To download and install a new app, open the App Store and enter the name of the desired app to search. Once found, select the app to download and install it. During the download and installation process, please do not exit the page.



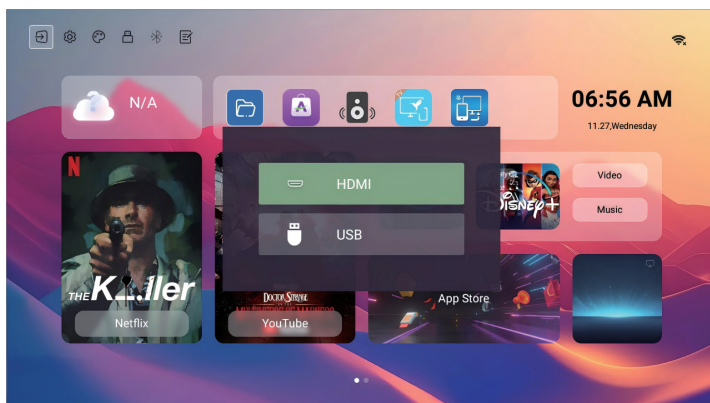
File Management

To play multimedia files from a USB drive, insert the USB flash drive containing the desired files into the USB port. Next, open the Home Page, select USB from the options displayed. Once the screen appears, you can browse through your files, select the desired multimedia file (video, image, audio, or document), and play it directly.

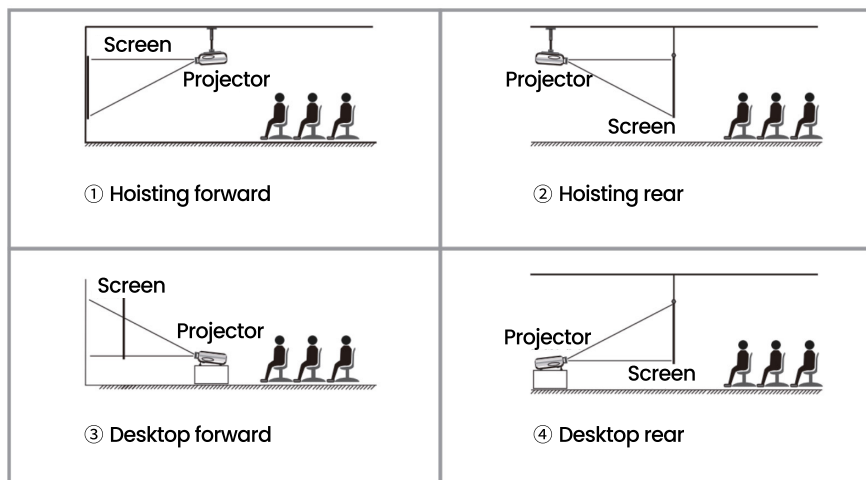


Selecting a Signal Source

To select a signal source, press the Source button on the remote control from the Home Page. On the displayed page, choose the desired signal source, such as HDMI or USB, and press the OK button to enter the corresponding signal source state.



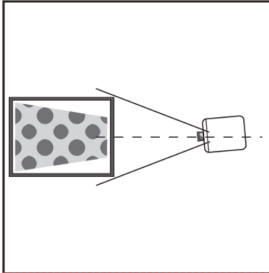
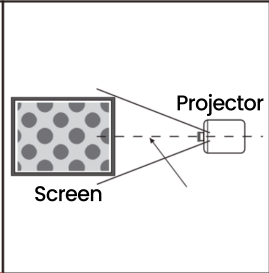
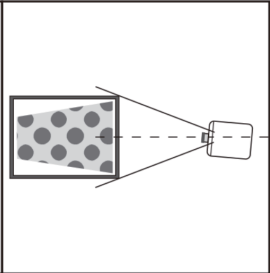
Installation Guide



Depending on your environment and needs, the projector can be installed in various ways:

- 1. Hoisting Forward: Mount the projector on the ceiling, projecting the image forward onto the screen.
- 2. Hoisting Rear: Mount the projector on the ceiling, projecting the image from the rear onto the screen.
- 3. Desktop Forward: Place the projector on a stable desktop, projecting the image forward onto the screen.
- 4. Desktop Rear: Place the projector on a stable desktop, projecting the image from the rear onto the screen.

Notice

		
a. Projector is off to the right: The image will be large on the left side and small on the right.	b. Position and angle are correct: The image will appear square.	c. Projector is off to the left: The image will be large on the right side and small on the left.

FCC Statement

- 1. 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.
- 2. 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 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 to an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for assistance.

RF warning statement:

The device has been evaluated to meet general RF exposure requirements. The device can be used in portable exposure conditions without restriction.

Disposal

This product must not be disposed of as unsorted household waste. It is important to separate such waste for proper treatment and recycling, in compliance with local waste management regulations.



Warranty

Products that you buy directly from our **Powerology** website or shop come with a 12-month warranty.

The 12-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website **<https://www.powerology.me/warranty>** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 12-month warranty period.

For more info, please check:

<https://www.powerology.me/warranty>

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**

Website: **<https://www.powerology.me/>**

Instagram: **[powerology_official](#)**

Facebook: **[powerology.ME](#)**