



Powerology

VisionArc Portable Smart Projector

SKU: PYM220CGY

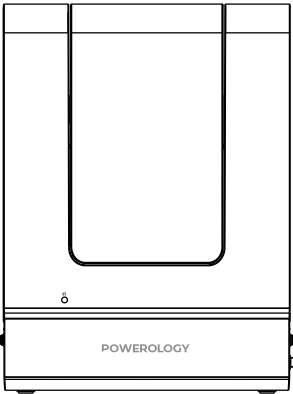
Table of Contents

Warning	2
Package Contents	3
Product Overview	3
Remote Control Guide	4
Bluetooth Pairing Instructions	4
Operation Guide	5
1. Power On/Off Operation	5
2. Adjusting the Image	7
Connect to Wi-Fi	9
Bluetooth Settings	10
Play Content from USB Drive	10
HDMI Connection	11
Audio Amplifier Connection	11
iOS/Mac/Android Mirroring	11
iOS Mirror	13
Download an App	14
System Language Settings	14
Date and Time Setting	15
Clear Memory	16
Restore Factory Settings	16
About This Device	17
Specifications	17
Troubleshooting	18
Disposal	19
Warranty	20
Contact Us	20

Warning

- 1.** This product should only be used as described in this manual.
- 2.** Avoid looking directly into the lens when the projector is operating.
- 3.** Do not obstruct the ventilation openings of the projector with cloth or other materials.
- 4.** This projector is not waterproof. Keep it away from containers filled with liquids, such as vases or cups.
- 5.** The projector should be stored and operated in a dry and clean environment.
- 6.** Always turn off the projector and disconnect the power supply if the unit will not be used for an extended period.
- 7.** When transporting the projector, use the original factory packaging and shockproof materials.
- 8.** If the projector is malfunctioning, do not attempt to repair it yourself. Contact your distributor or the manufacturer for assistance.
- 9.** To avoid the risk of electrical shock, do not disassemble or repair the device yourself. Incorrect repairs may result in electrical shock or damage.
- 10.** Always turn off the battery switch during transportation to prevent short circuits and avoid damage to the device.
- 11.** Avoid exposing the battery to high temperatures for extended periods. Do not place it near radiators, stoves, or direct sunlight.
- 12.** Avoid using the battery in extremely cold conditions for prolonged periods.
- 13.** Always use the original adapter to charge the device.

Package Contents



Smart Projector



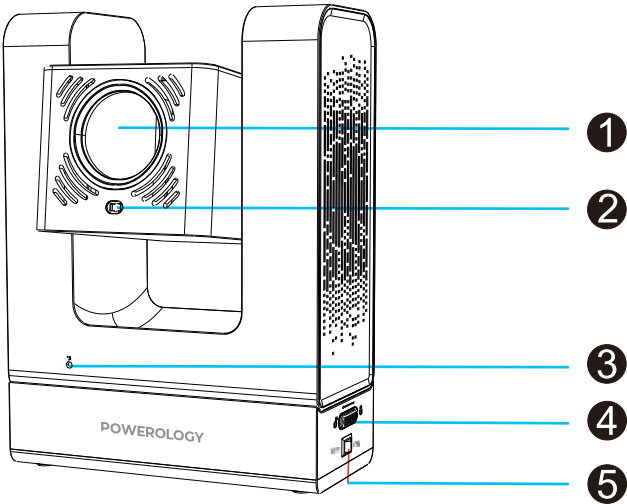
Power Adapter



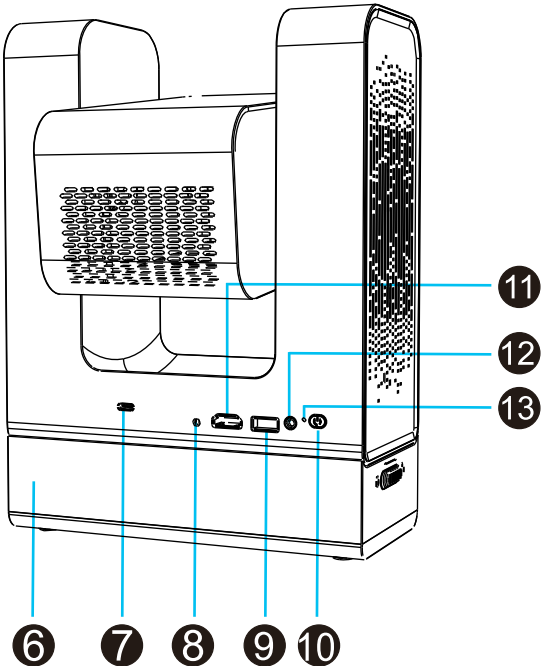
Remote Control

Product Overview

1. Front View

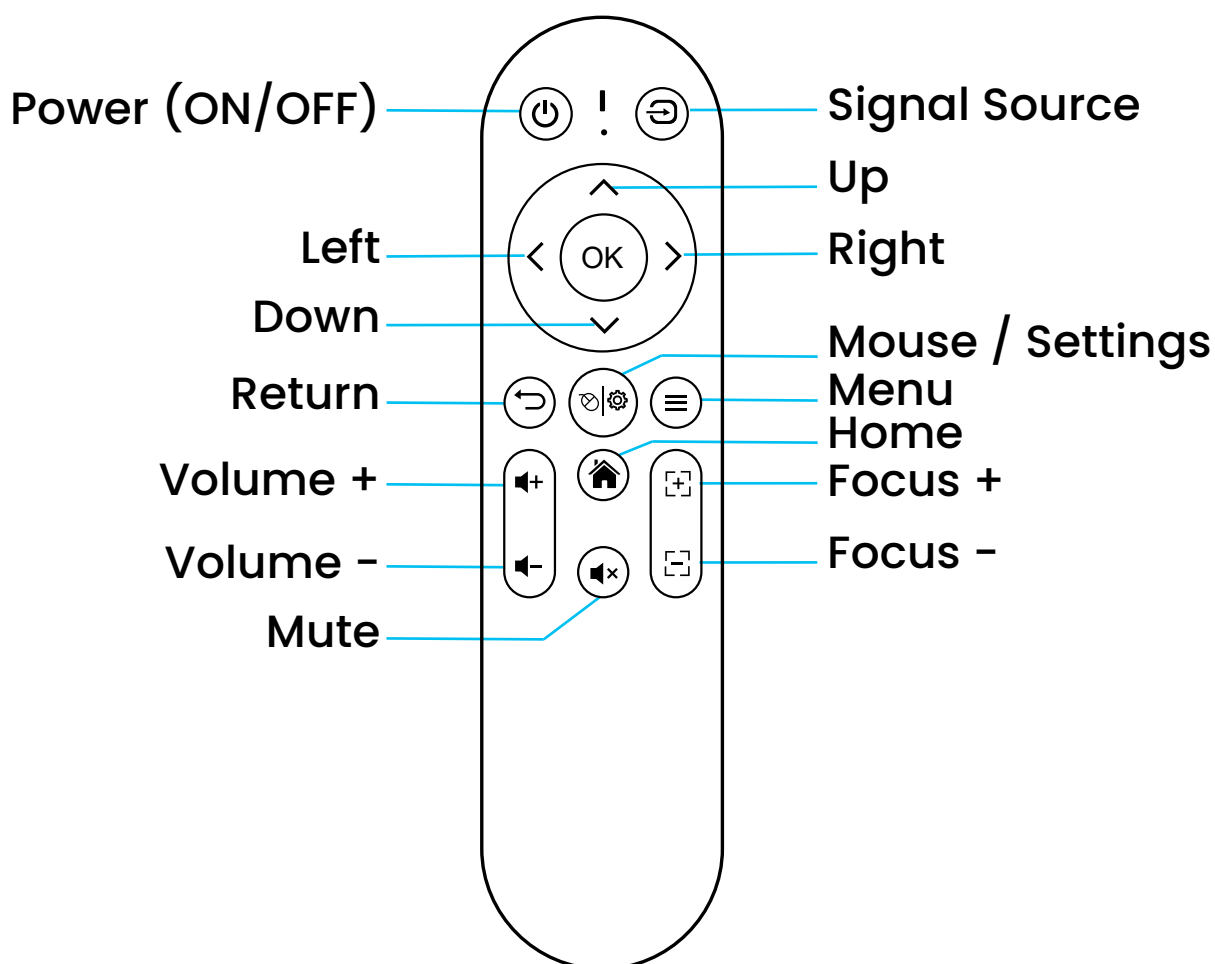


2. Back View



1. Lens
2. ToF Sensor
3. Infrared (IR) Sensor
4. Battery Lock
5. Power Switch (Battery On/Off)
6. Battery
7. Power Input
8. Infrared (IR) Sensor
9. USB Port
10. Power Button (On/Off)
11. HDMI Port
12. Audio Output (3.5mm Jack)
13. Microphone



Remote Control Guide



Bluetooth Pairing Instructions

For first-time use, follow these steps to pair via Bluetooth:

1. Press the voice button to enter the Bluetooth voice remote pairing interface.

2. Simultaneously press and hold the confirmation button (OK) to enter automatic pairing mode.
3. Manual Pairing:
 - 3.1 Navigate to "Settings" in the interface.
 - 3.2 Select "Bluetooth Settings" and press the OK button to enter manual pairing mode.
 - 3.3 Press and hold the () and () buttons on the remote control simultaneously until the indicator light flashes. Then, search for and connect to the Bluetooth device.

Operation Guide

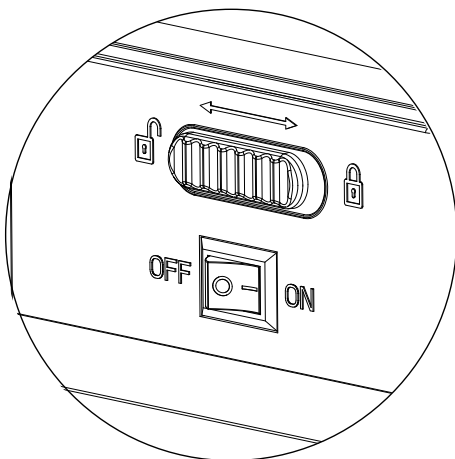
1. Power On/Off Operation

1.1 Battery Removal Procedure:

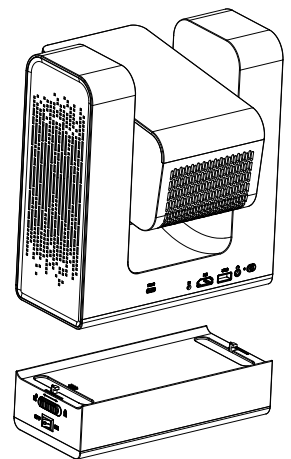
Release the locks on both sides of the battery, then separate the projector from the battery.

1.2 Battery Installation Procedure:

Before installing, ensure the locks on both sides of the battery are in the open position. Align and attach the battery to the projector, then push the locks into the locked position.

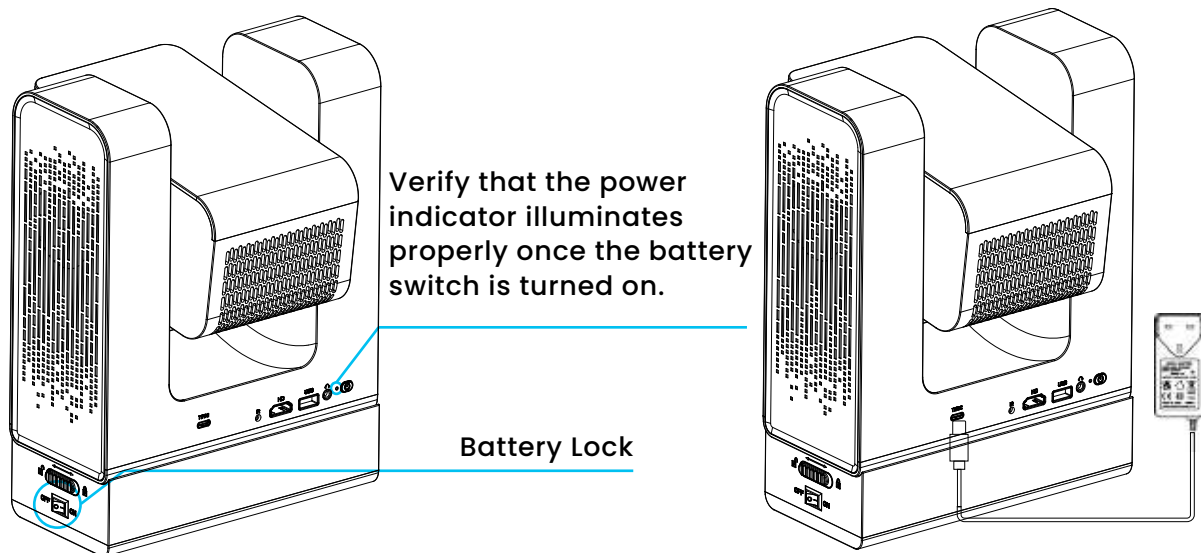


Before disconnecting the projector from the battery, ensure that the locking latch is in the unlocked position.



1.3 Battery Charging Instructions:

- a. Please charge the battery before first use. The initial charging time should be no less than 5 hours.
- b. Ensure the power switch is set to the "ON" position during charging.

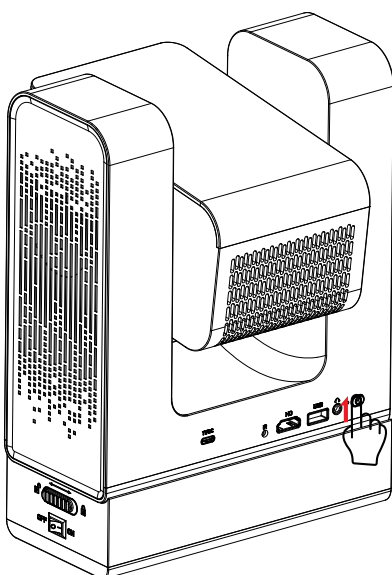


1.4 Charging and Starting the Projector:

When the projector is powered off, a full charge typically takes approximately 5 hours. Charging speed will be slower when the projector is in operation. After charging is complete, turn off the battery switch when the device is not in use to minimize power consumption during standby.

1.5 To start the projector:

Press and hold the power button (either on the projector or the remote control) for three seconds after the indicator light turns on. When the projector is powered on, the power indicator light will flash and then remain solid blue. The fans will start operating, and a startup image will be displayed on the screen during the warm-up period. The projector will not respond to any commands while it is warming up.



2. Adjusting the Image

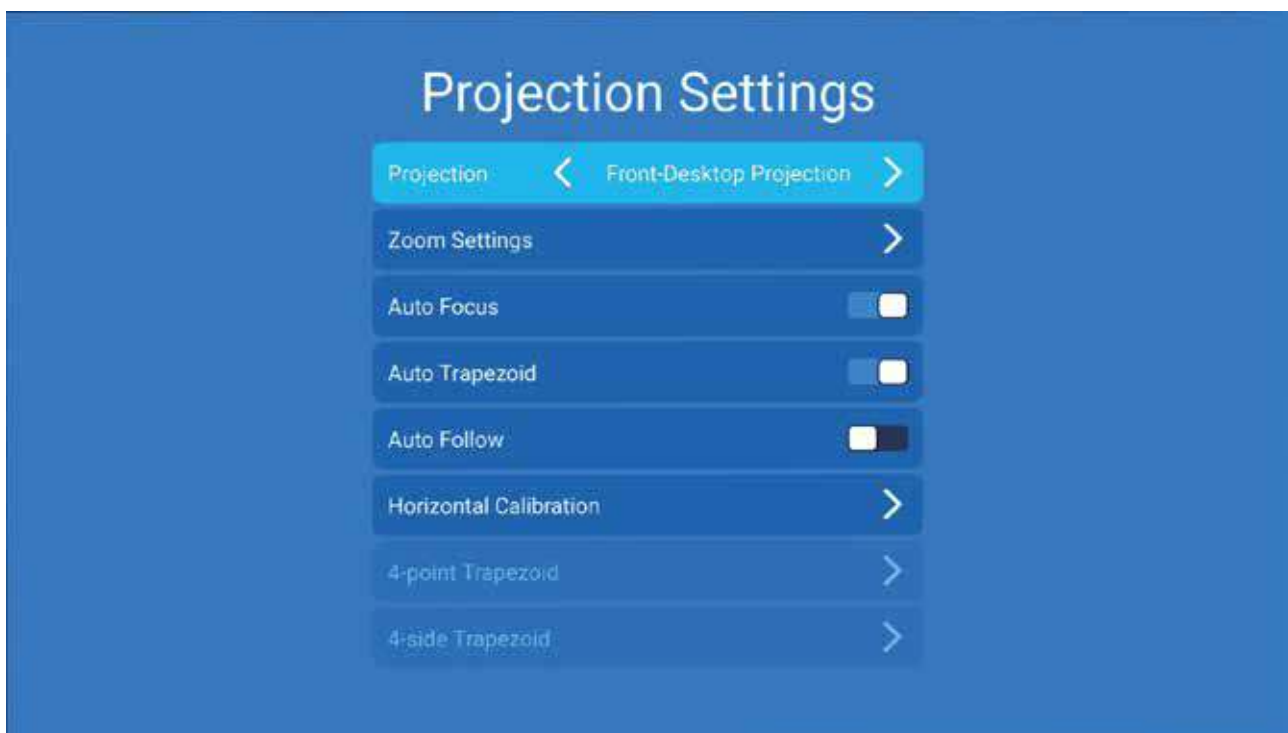
2.1 Adjust the focal length to achieve a clearer picture.



2.2 Projection Screen Settings

a. Navigate to: Settings → Projection Settings → Projection

b. Press the "< />" button to switch the projector's projection mode.



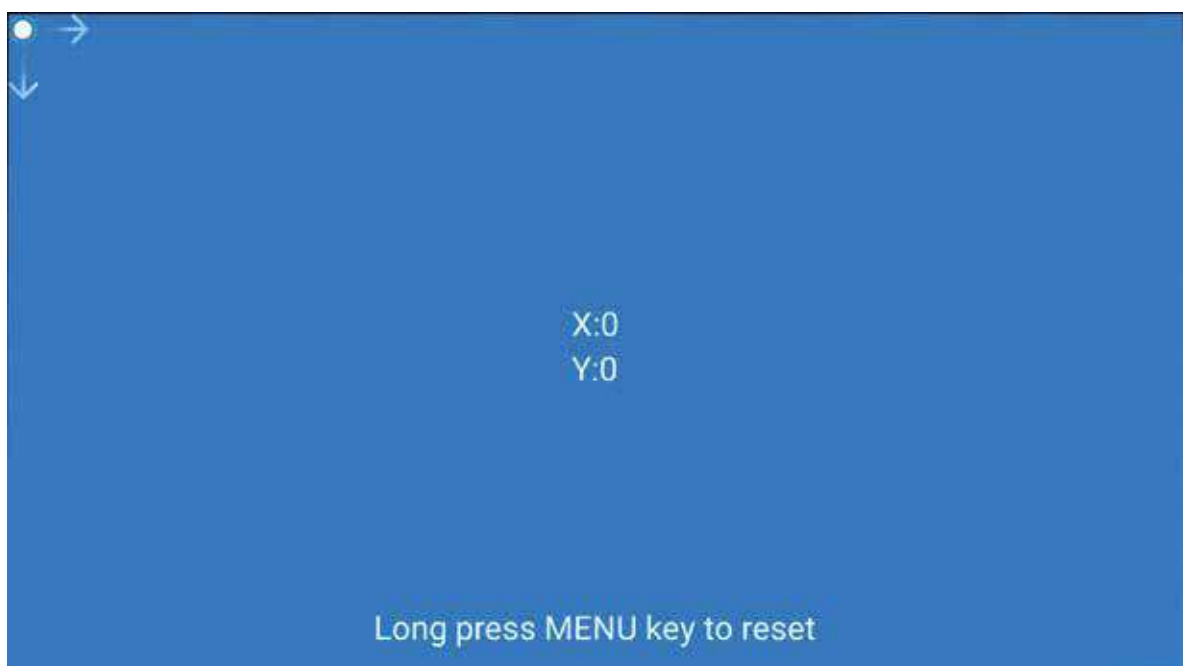
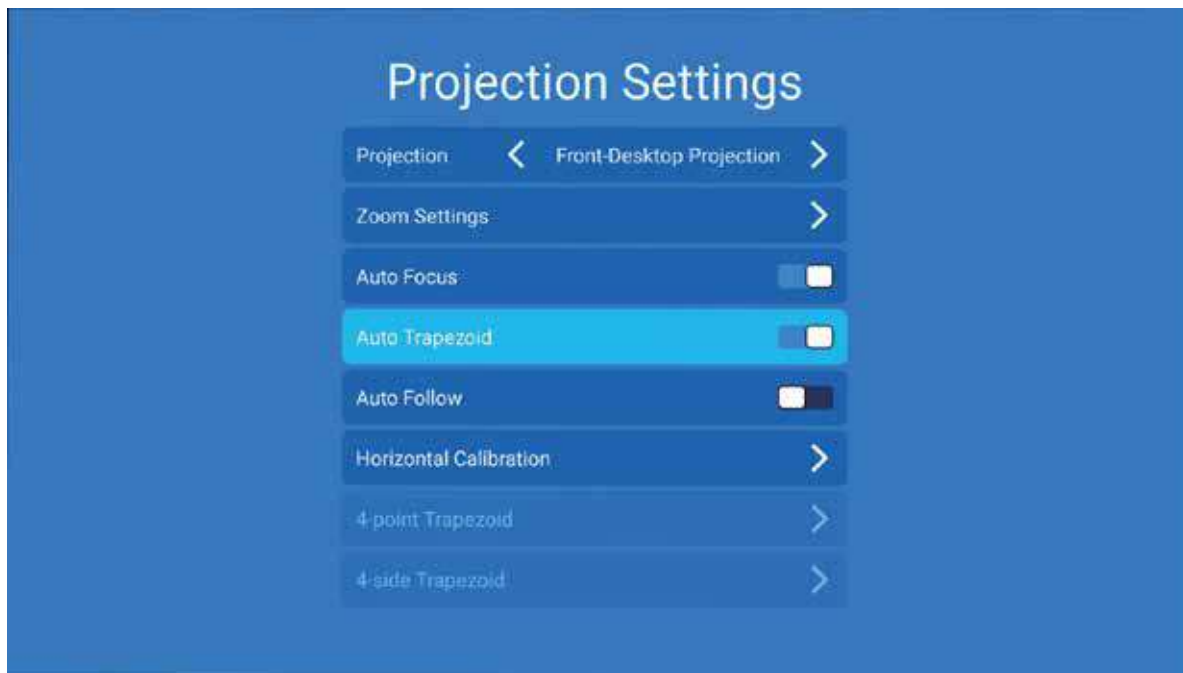
2.3 Keystone Correction

a. Automatic Correction:

Navigate to: Settings → Projection Settings → Keystone Correction. Press the "< />" button to select "Automatic" mode. The image will automatically adjust to form a perfect rectangle.

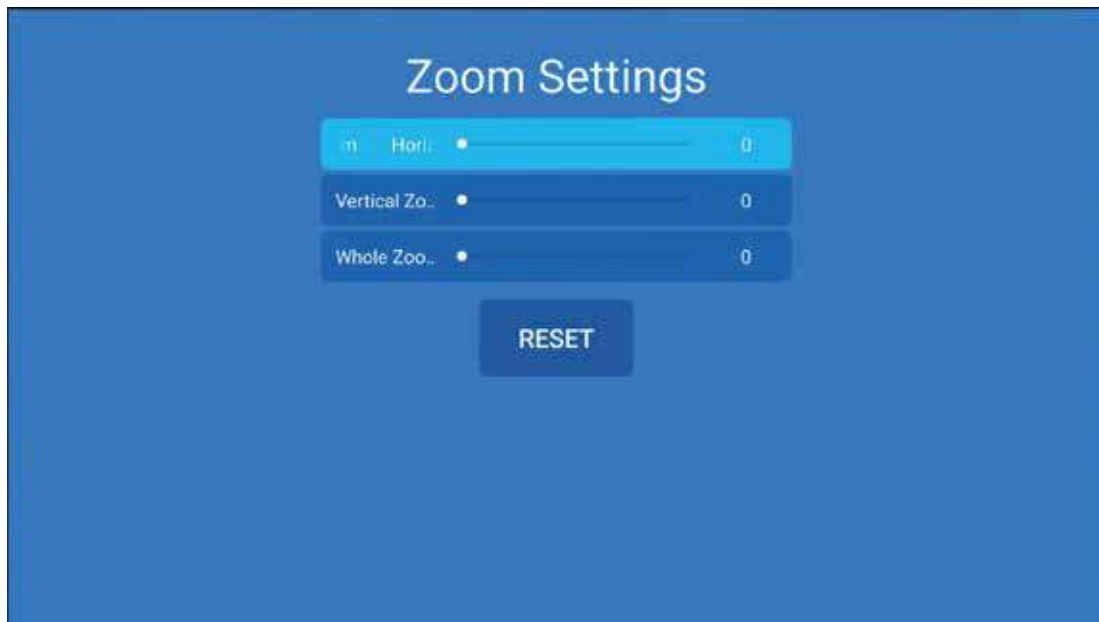
b. Manual Correction:

Disable automatic keystone correction. Enter four-point keystone adjustment mode and individually adjust each corner point until the image appears perfectly squared.



2.4 Image Scaling

- a. Navigate to: Settings → Projection Settings → Scaling
- b. Press the "< >" button to adjust the image size.





Connect to Wi-Fi

1. From the main interface, select Settings.
2. In the settings menu, choose Network.
3. Once the network settings are open, search for the Wi-Fi network you want to connect to.
4. Enter the password using the virtual keyboard and confirm the connection.



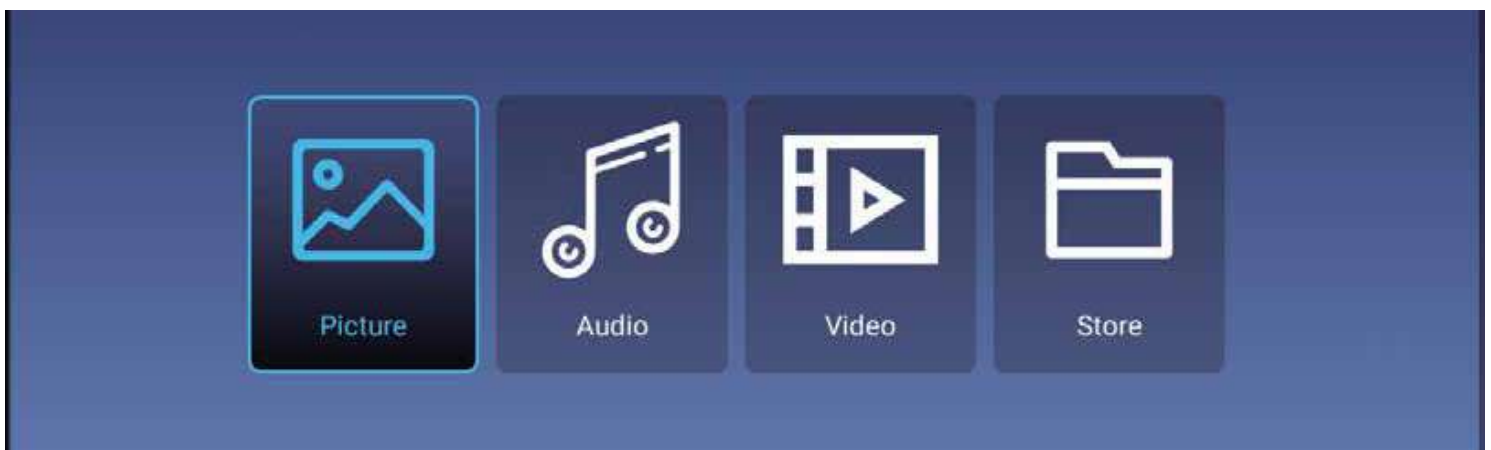
Bluetooth Settings

1. From the main interface, navigate to Settings → Bluetooth Settings.
2. Ensure Bluetooth is enabled on the projector.
3. Press and hold the () and () buttons on the remote simultaneously for 3 seconds.
4. Release the buttons when the indicator light flashes, indicating the remote has entered pairing mode.
5. Enable Bluetooth on both the projector and speaker.
6. Select "Search for Bluetooth Devices".
7. Choose your speaker from the list to complete the pairing process.



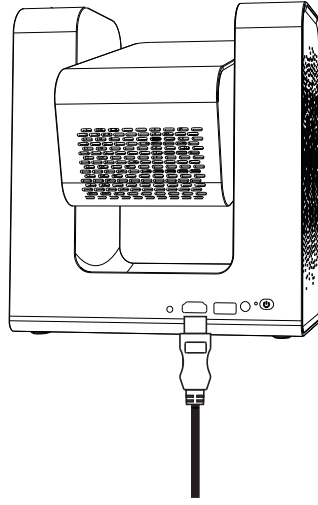
Play Content from USB Drive

1. Insert your USB drive (containing media files) into the projector's USB port.
2. From the main interface, select the "USB" icon, then choose the "My Disk" option corresponding to your USB drive.
3. Browse to locate the desired media file and select it to begin playback.



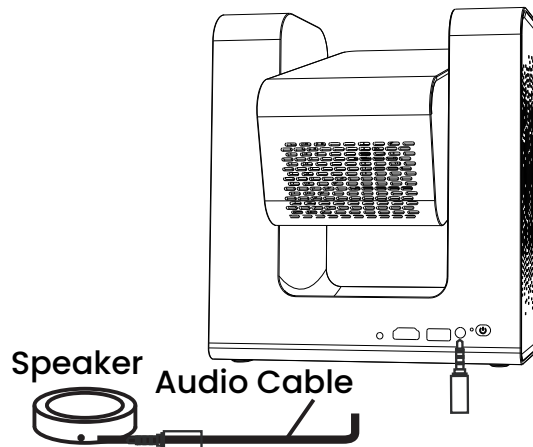
HDMI Connection

Connect your device using an HDMI cable, then select "HDMI" in the signal source menu.



Audio Amplifier Connection

Audio Output Port: Connect external speakers or audio devices to this port.



iOS/Mac/Android Mirroring

1. Ensure both the projector and your phone are connected to the same Wi-Fi network.
2. Launch the 'Miracast' application on the projector.
The screen will display "Waiting for connection..." with the device name



3. Enable Screen Mirroring on Your Mobile Device:

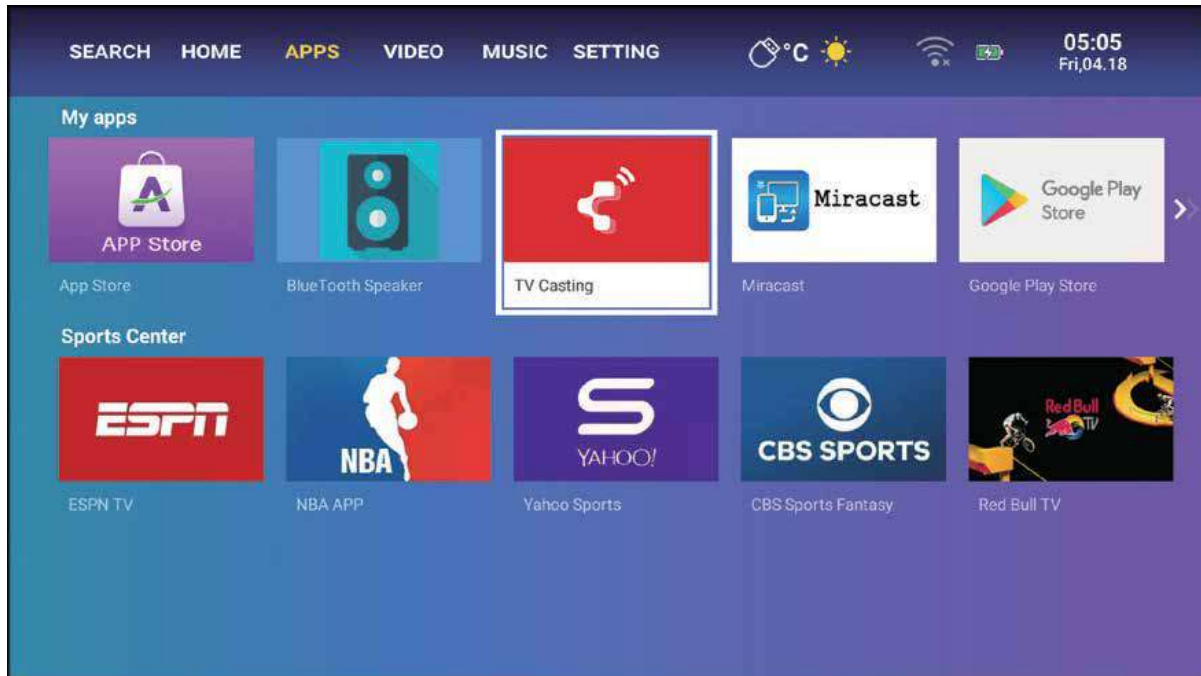
4. Activate screen mirroring on your phone and select the projector's name to initiate the connection and begin casting.

Note: Certain smartphone models may require the installation of the "TV Casting" application to establish a successful screen mirroring connection.



iOS Mirror

1. Ensure both the projector and your phone are connected to the same Wi-Fi network.
2. Launch the "TV Casting" application on the projector.



3. Connect the Projector and Phone: Confirm that both devices are connected to the same Wi-Fi network.

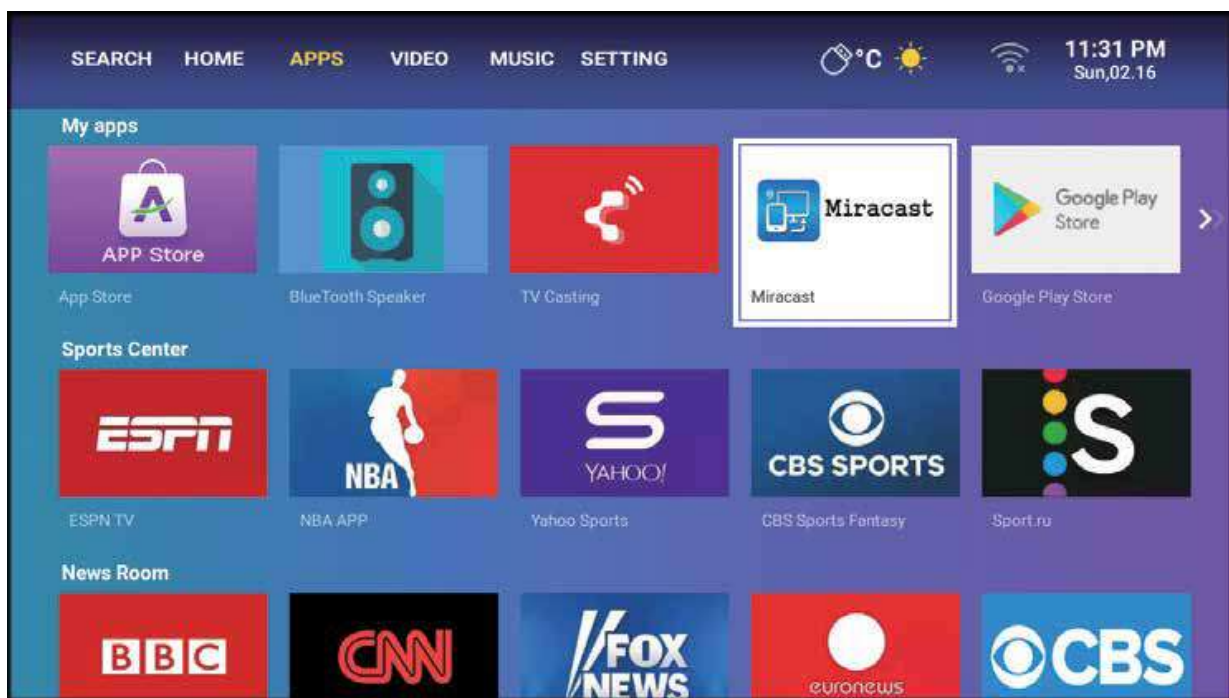


Scan the QR code displayed on the projector to facilitate connection, if necessary.

- a. Ensure your device is connected to the same network as the projector.
- b. Go to the App Store or Google Play to download the app.
- c. Scan the QR code to connect the device, or launch TV Casting and select "projector(2182)" to complete the connection.

Download an App

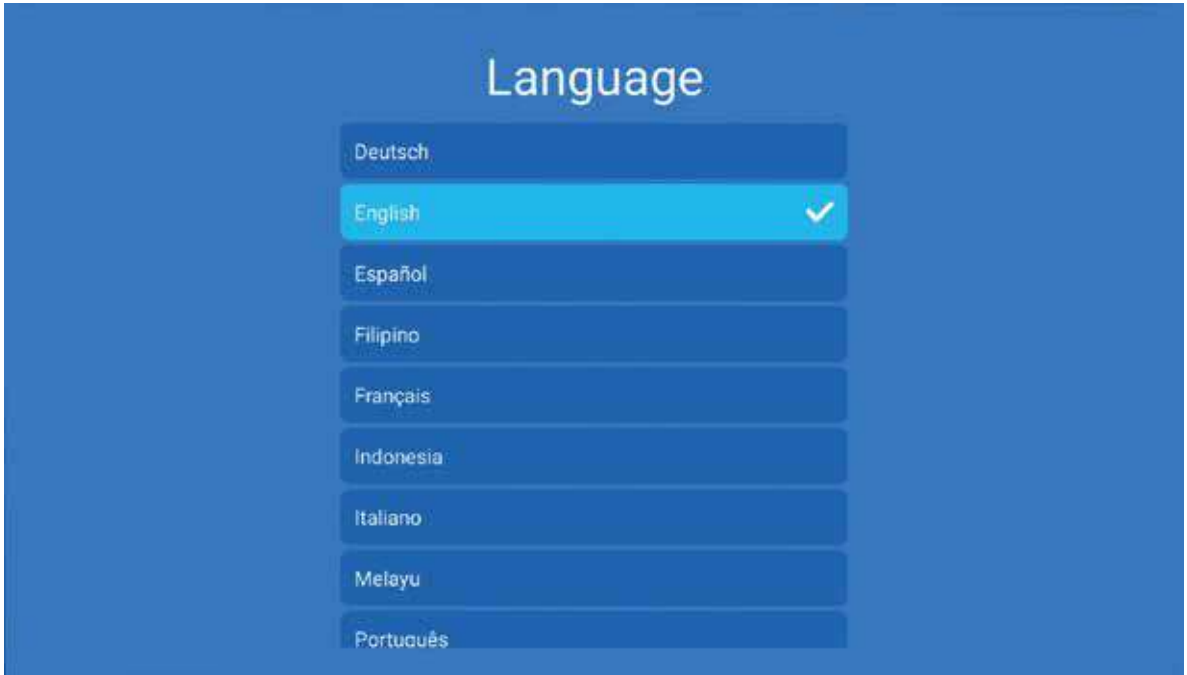
1. On the home screen, use the arrow keys on the remote control to navigate to "Apps" and press OK/Enter.
2. Open the App Store from the Apps menu.
3. Search for the app you want, then select it to download and install.



System Language Settings

1. From the home screen, use the arrow keys on the remote to highlight "Settings" and press OK.
2. In the Settings menu, select "Language".

3. Choose your preferred language from the list to change the system language.



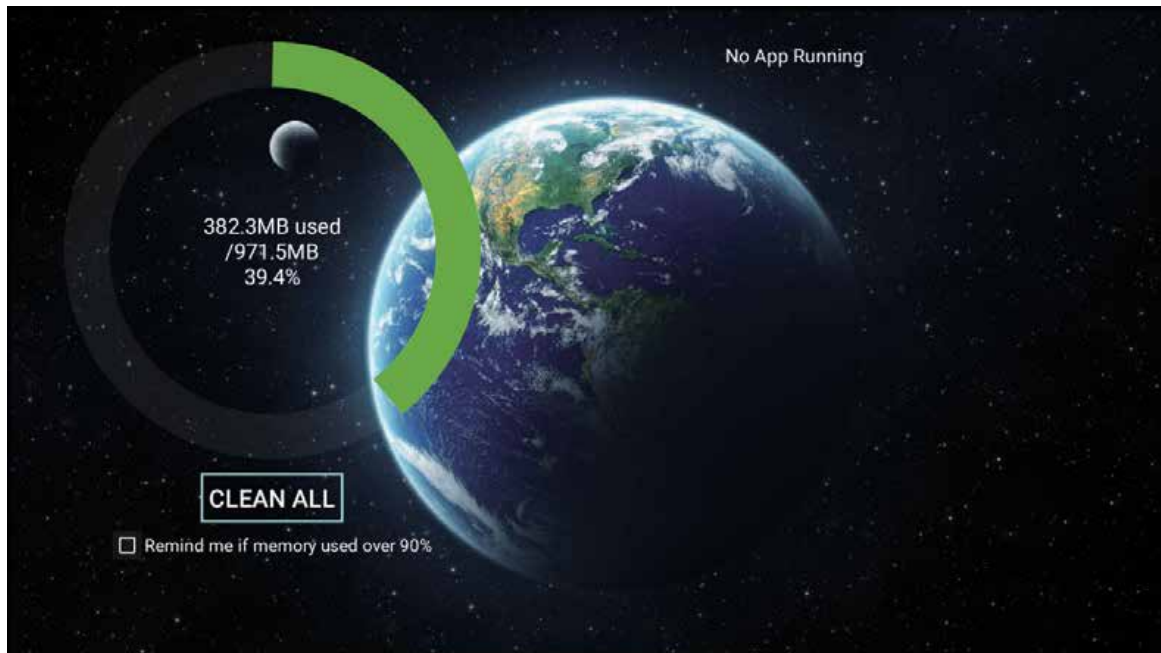
Date and Time Setting

Toggle the "Auto-sync" option to enable automatic network time synchronization, or disable it to set the time and date manually.



Clear Memory

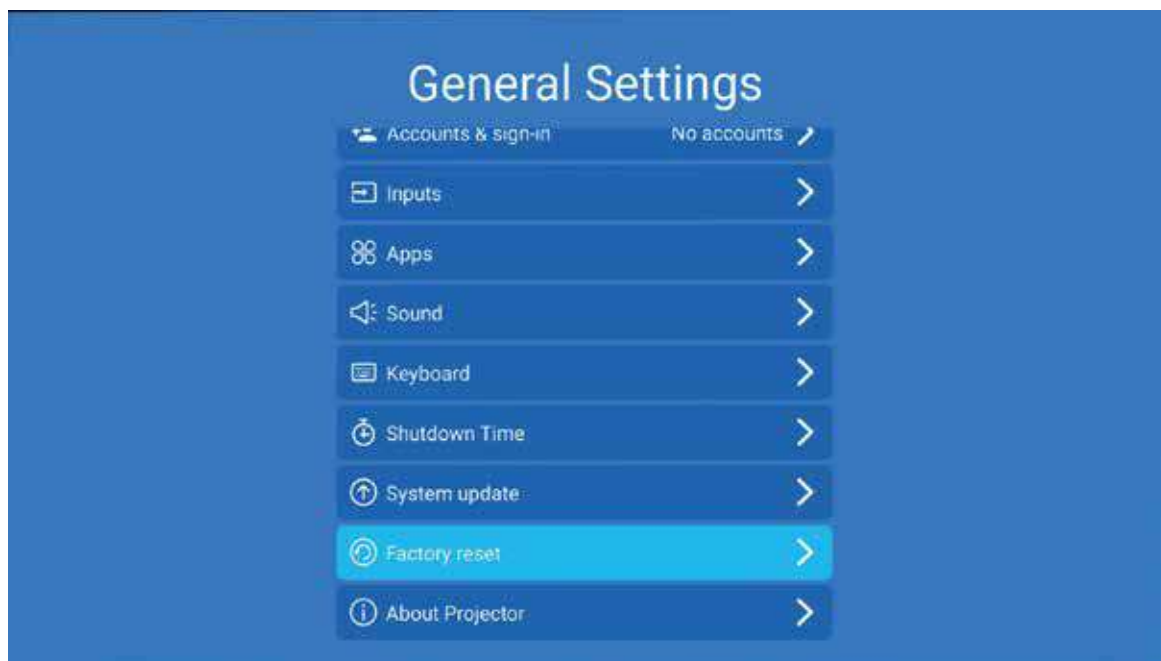
Go to Settings > Clear Memory from the home screen to instantly clear cached data.



Restore Factory Settings

From the home screen, navigate to Settings → System & Device → Restore Factory Settings and confirm.

Warning: This process may take several minutes. Do not operate the device or disconnect the power during restoration.



About This Device

From the home screen, navigate to Settings → System & Device → About This Device to view your device information.



Specifications

Model	PYM220C
Display Size	3" LCD
Resolution	1920 x 1080P, Supports up to 4K
Brightness	300 ANSI Lumens
Battery Capacity	192.96Wh
Projection Size	43-"200"
Projection Ratio	1.25:1
Projection Distance	1.3m ~ 5m
Keystone Correction	Auto Keystone ±15°, Four-Point Correction
Contrast Ratio	1500:1

Aspect Ratio	16:9
Light Source Lifespan	30,000 Hours
Audio System	2 x 5W SRS Sound Technology
Os	Android 12
RAM	1GB
ROM	32GB
Wi-Fi	Wi-Fi6 (2.4G/5G Dual Band)
Bluetooth Version	5.0
Input Ports	USB, HDMI, Audio, Type-C Charging
Power Consumption	≤75W
Recharge Time	5H
Working Time	2.5H
Input	19V/3.78A
Included Accessories	Power Adapter, Remote Control, User Manual
Net Weight (with Battery)	2.4kg (1.4kg Projector + 1.0kg Battery)
Product Size	90 x 200 x 225mm

About This Device

Operating this device is straightforward, similar to using a regular television. However, issues may occasionally arise due to peripheral devices, power supply (~220V), or other factors, potentially leading to apparent malfunctions. Before sending the device for repair, please refer to the troubleshooting steps below. If the device still does not function properly after addressing these issues, please contact relevant technical support.

Q1: The indicator light on the rear cover button panel does not turn on.

A1:

Is the power plug properly inserted?

Q2: Pressing the power button on the remote control does not turn on the device.

A2:

Is the power switch on the rear panel of the projector turned on?

Are the batteries in the remote control depleted?

Is there strong light directly shining on the projector's receiver window?

Q3: After turning on the projector, there is no image on the screen.

A3:

Is the correct signal channel selected on the projector?

Is the signal source device powered on?

Is the signal cable properly connected?

Q4: Every time the device is turned on and used for a while, it automatically shuts down.

A4:

Are the projector's air vents obstructed by other objects?

Is the main voltage too low or experiencing significant fluctuations?



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 24-month warranty.

The 24-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 **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 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

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

Website: **powerology.me**

Instagram: **[powerology_official](https://www.instagram.com/powerology_official)**

Facebook: **[powerology.ME](https://www.facebook.com/powerology.ME)**