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PGYTECH CapLock MantisPod Power

PGYTECH CapLock MantisPod Power: GoPro & Phone Charging Handle Grip Instruction Manual

Model: CapLock MantisPod Power

Brand: PGYTECH

INTRODUCTION

The PGYTECH CapLock MantisPod Power is a versatile accessory designed to enhance your action camera and smartphone videography. It integrates a 5000mAh power bank, a detachable remote control, and multiple shooting modes, including tripod, handheld, and a unique Mantis mode. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

WHAT'S INCLUDED

Please verify that all items listed below are present in your package:

- MantisPod Power Charging Handle Mount
- Remote Control
- Action Camera Quick Release Plate
- 1/4" Quick-Release Plate
- Knob
- S4 Hex Wrench
- Safety Wrist Strap
- GoPro Charging Cover (compatible with GoPro 9-13)

CapLock Action Camera Quick Release System



Image: A visual representation of all components included in the PGYTECH CapLock MantisPod Power package, laid out neatly on a white background.

SETUP

Attaching Your Camera

1. Identify the appropriate quick release plate for your device: the action camera quick release plate for GoPro models or the 1/4" quick-release plate for other cameras/phones.
2. Attach the chosen quick release plate to your camera or phone holder.
3. Align the quick release plate with the CapLock mount on the MantisPod Power handle.
4. Press down firmly until you hear a click, indicating a secure connection. The dual-lock safety mechanism ensures your device is firmly attached.
5. For GoPro cameras, replace the original side door with the provided GoPro charging cover to allow continuous charging while mounted.

Power Up Your Shots

Extended battery life for longer film without interruptions



Output:

5V/2.0A (10W)
Type-C Interface

Input:

5V/2.4A (12W)
Type-C Interface

Image: The PGYTECH CapLock MantisPod Power handle with a GoPro camera securely attached to its quick-release mount, demonstrating the compact and ready-to-use setup.

Connecting the Remote Control

1. Ensure the remote control is charged via its USB-C port.
2. On your camera (e.g., GoPro), navigate to the connection settings.
3. Select "Connect Device" and then choose "Volta" or "Remote" (depending on camera model) to initiate pairing mode.
4. Press and hold the right button on the MantisPod Power's detachable remote control for a few seconds until the indicator light flashes, signifying pairing mode.
5. Once paired, the camera will confirm a successful connection.

Grip it for natural control

 Shutter Control

 Mode Switch

 Quick Wake

 Power On/Off



Detach it for remote magic

Note:

10m Remote Range – Lab-tested

Device Compatibility – Verify your camera model (not compatible with Insta360)

Smartphone Control – Supports iOS, Android, and Harmony OS (see user guide for setup)

Image: A close-up of the PGYTECH CapLock MantisPod Power handle, highlighting the detachable remote control and its functions for shutter control, mode switch, quick wake, and power on/off.

Initial Charging

Before first use, fully charge the MantisPod Power handle using a USB-C cable. The 5000mAh internal battery provides extended power for your devices. Battery level indicators are located on the side of the handle.

What's Included



CapLock MantisPod Power *1



Action camera quick release plate *1



Remote control *1



Safety hand rope *1



1/4 quick release plate *1



Knob *1



GoPro charging cover *1



S4 Allen key *1

Image: An X-ray view of the PGYTECH CapLock MantisPod Power handle, illustrating the internal 5000mAh battery and the Type-C input/output interfaces for charging the handle and connected devices.

Setup Demonstration Video

Your browser does not support the video tag.

Video: A short demonstration showing the quick release system, attaching a GoPro, detaching the remote, and using it to control the camera. It also highlights the Mantis mode for hanging the device.

OPERATING MODES

The MantisPod Power offers four versatile shooting modes to adapt to various scenarios:

1. Tripod Mode

Extend the legs to form a stable tripod for stationary shots, time-lapses, or group photos. The 360° adjustable gimbal head allows for precise positioning.

Work Status at a Glance



Image: The PGYTECH CapLock MantisPod Power in tripod mode, showing the Bluetooth indicator, battery level indicator, shutter button, mode button, and power button. It also indicates a 1-hour charging time and 25-hour battery life.

2. Handheld Mode

Fold the legs to use the device as a comfortable handgrip for vlogging, action shots, or dynamic movements. The ergonomic design ensures a secure hold.

3. Mantis Mode (Hanging Hook)

Utilize the integrated hook to hang the MantisPod Power from various surfaces, such as fences, railings, or tree branches, for unique perspectives. Ensure the surface is stable and secure before use.

From Mode to Mode, Creation Unfolds



- **Mantis Mode**

Avoid hanging it on moving vehicles, boats, or other mobile objects



- **Handheld Mode**

Safety lanyard prevents accidental slips

Image: The PGYTECH CapLock MantisPod Power in Mantis Mode, demonstrating its ability to hang from a wooden structure, providing a unique elevated perspective for capturing footage.

4. Briefcase Mode

Hold the device with the camera facing forward and the legs folded, similar to a briefcase, for low-angle shots or tracking subjects close to the ground.

Free Angles, Pro Shots

360° panning, quick switching between horizontal and vertical shots
35° tilting, reserved for vertical shooting



Image: A collage showcasing the PGYTECH CapLock MantisPod Power in different shooting modes: Mantis Mode (hanging), Handheld Mode, Briefcase Mode (low angle), and Tripod Mode.

Adjustable Gimbal Head

The integrated gimbal head allows for 360° panning and 35° tilting, enabling quick switching between horizontal and vertical shooting orientations. Use the knob to adjust and secure the camera angle.

From Mode to Mode, Creation Unfolds



• **Briefcase Mode**



• **Tripod Mode**

Image: The PGYTECH CapLock MantisPod Power demonstrating its 360-degree panning and 35-degree tilting capabilities, allowing for flexible camera positioning in both landscape and portrait orientations.

CHARGING AND POWER MANAGEMENT

The MantisPod Power features a built-in 5000mAh rechargeable battery, providing extended operational time for your action camera or smartphone. It is compatible with GoPro 13/12/11/10/9/8/7/6/5, Android, iOS (Type-C), and HarmonyOS phones (not compatible with Insta360).

Charging the MantisPod Power

Connect a USB-C cable to the input port on the side of the handle. The battery level indicator lights will show the charging status. A full charge typically takes approximately 1 hour.

Charging Your Device

Connect your camera or smartphone to the output USB-C port on the MantisPod Power handle using the coiled cable. The handle provides 5V/2.0A (10W) output to keep your device powered during use.

Battery Management System (BMS)

The MantisPod Power is equipped with a comprehensive BMS to protect against various electrical issues, ensuring

safe and reliable operation:

- Over-discharge Protection
- Cell Protection
- Short Circuit Protection
- Overload Protection
- Low Temperature Protection
- High Temperature Protection
- Overvoltage Protection
- Overcurrent Protection

CapLock Action Camera Quick Release System



Image: A diagram detailing the various protections offered by the Battery Management System (BMS) integrated into the PGYTECH CapLock MantisPod Power, including over-discharge, cell, short circuit, overload, low/high temperature, overvoltage, and overcurrent protection.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the MantisPod Power in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** For optimal battery life, fully charge the device at least once every three months if not in regular use.

use.

- **Avoid Water:** The device is not waterproof. Avoid exposure to water or high humidity.

TROUBLESHOOTING

- **Device Not Charging:**

- Ensure the MantisPod Power itself is charged.
- Check the USB-C cable connection to both the handle and your device.
- Verify that the GoPro charging cover is correctly installed if using a GoPro.

- **Remote Control Not Connecting:**

- Ensure the remote control is charged.
- Re-initiate the pairing process as described in the "Connecting the Remote Control" section.
- Ensure your camera's Bluetooth is enabled.

- **Camera Not Stable on Mount:**

- Ensure the quick release plate is fully engaged and the dual-lock mechanism has clicked into place.
- Tighten the knob on the gimbal head if the camera is tilting unexpectedly.

SPECIFICATIONS

Package Dimensions	10.59 x 4.25 x 2.64 inches
Item Weight	1.04 pounds (0.47 Kilograms)
Model Number	CapLock MantisPod Power
Battery Capacity	5000mAh (1 AAAA battery included for remote)
Material	Nylon
Compatible Devices	GoPro 13/12/11/10/9/8/7/6/5, Android, iOS (Type-C), HarmonyOS phones (Not for Insta360)
Special Feature	Quick Release Button, 10m Magnetic Remote Control, 4 Versatile Shooting Modes, 360° Adjustable Gimbal Head
Tripod Head Type	Ball Heads

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official PGYTECH website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Online Resources: Visit the PGYTECH official website for FAQs, updated manuals, and software downloads.

Customer Service: Contact PGYTECH customer support for assistance with product issues or inquiries.