

## ZIFON PT-5000

# ZIFON PT-5000 Remote-Controlled Video Stabilizer User Manual

Model: PT-5000 | Brand: ZIFON

## 1. INTRODUCTION

The ZIFON PT-5000 is an advanced remote-controlled pan-tilt head designed to provide stable and versatile camera movement for professional video recording. Compatible with both mirrorless cameras and smartphones, it features a robust design capable of handling payloads up to 5 kg. Its infinite 360-degree horizontal rotation and precise tilt control allow for dynamic and seamless panoramic captures. The intuitive wireless remote control ensures ease of operation, making it an ideal tool for various shooting environments.



**Figure 1.1:** The ZIFON PT-5000 pan-tilt head, showcasing its main unit, large remote control, and small remote control. A camera is mounted on the head, illustrating its primary use.

## 2. PACKAGE CONTENTS

Please verify that all components listed below are included in your package:

- 1 x PT-5000 Remote Control Pan/Tilt Head
- 1 x User Manual
- 1 x Large Remote Control
- 1 x Small Remote Control
- 1 x Horizontal Clapper Board
- 1 x Vertical Clapper Board
- 1 x Power Adapter
- 1 x Mobile Phone Holder



**Figure 2.1:** A visual representation of all items included in the ZIFON PT-5000 product package, including the main unit,

## 3. SETUP GUIDE

### 3.1 Powering the Device

The PT-5000 can be powered using F770/970 batteries or via DC power. It also features two power output ports (14.8V and 8.4V) to conveniently power your camera directly from the unit.

- **Battery Installation:** Insert compatible F770 or 970 batteries into the designated battery slot on the unit.
- **DC Power:** Connect the provided power adapter to the DC IN port for continuous operation.
- **Camera Power Output:** Use the 14.8V or 8.4V output ports to supply power to your camera, reducing the need for separate camera batteries.



**Figure 3.1:** Detailed view of the PT-5000's side, highlighting the F770 battery compartment, DC input, and the 14.8V and 8.4V power output ports for camera power supply. Product dimensions are also indicated.

### 3.2 Mounting Your Camera/Smartphone

The PT-5000 supports both mirrorless cameras and smartphones. Ensure your device is securely mounted for optimal performance.

1. Attach the appropriate clapper board (horizontal or vertical) to the PT-5000's mounting plate.
2. For smartphones, attach the mobile phone holder to the clapper board.
3. Securely mount your camera or smartphone onto the clapper board/phone holder. Ensure it is centered and balanced to prevent strain on the motors.
4. The PT-5000 has a maximum load capacity of 5 kg. Do not exceed this weight limit.



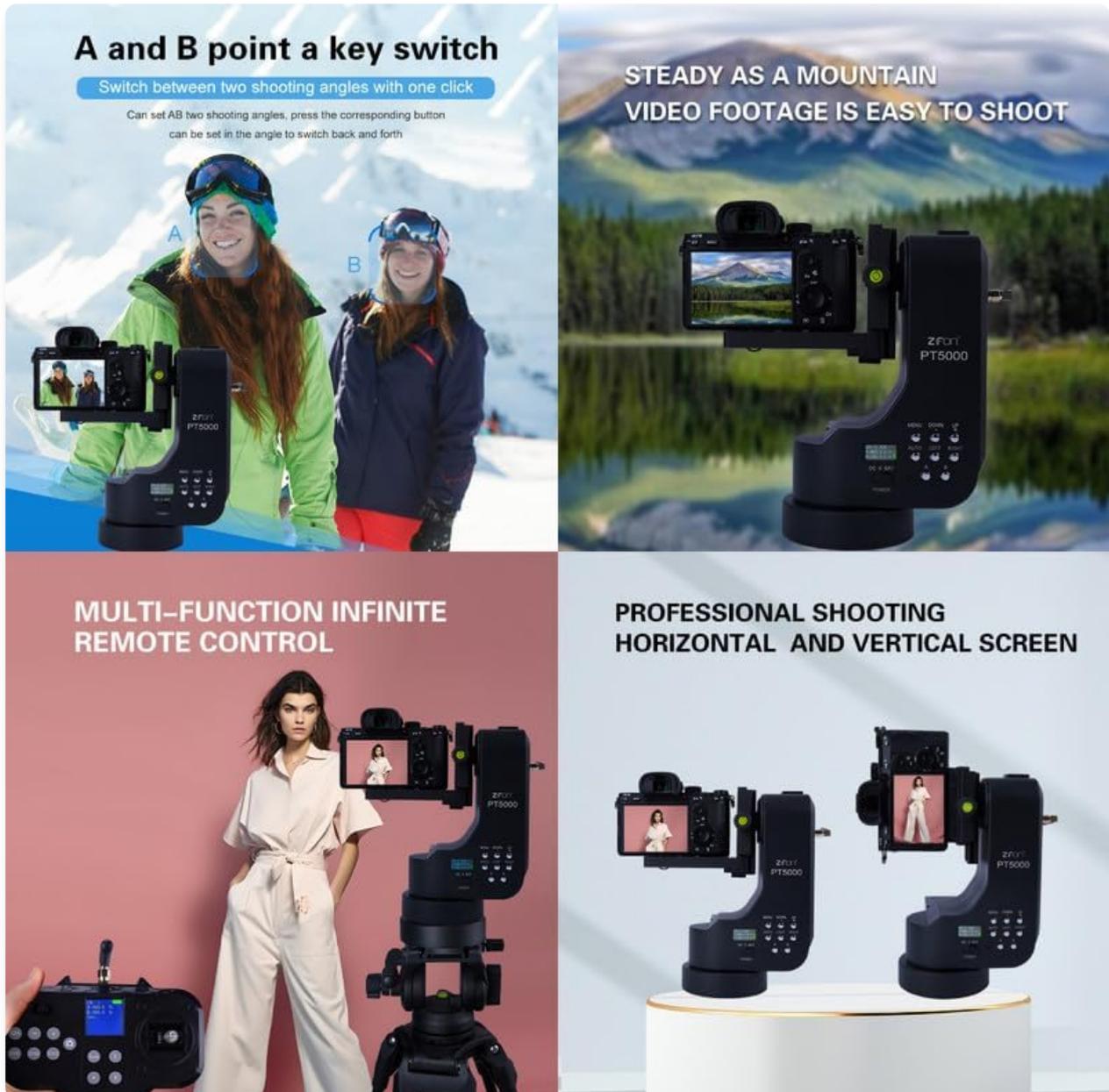
**Figure 3.2:** Illustration of the PT-5000's 360-degree rotation capability and its robust 5 kg bearing capacity, essential for stable camera operation.

## 4. OPERATING INSTRUCTIONS

### 4.1 Remote Control Functions

The PT-5000 comes with a multi-function wireless remote control (2.4G) that allows for precise control of the pan and tilt movements, as well as other settings. The remote has a range of up to 120 meters.

- **Pan/Tilt Control:** Use the joystick or directional buttons to control horizontal (pan) and vertical (tilt) movement.
- **A/B Point Setting:** Set specific A and B points for automated, repeatable camera movements. Switch between these points with a single click.
- **Auto Mode:** Engage auto mode for continuous or pre-programmed movements.
- **Menu/Settings:** Access the menu to adjust speed, sensitivity, and other operational parameters.



**Figure 4.1:** This image illustrates key operational features, including the ability to set A and B shooting points, the stability achieved during video recording, the comprehensive multi-function remote control, and the flexibility for both horizontal and vertical screen shooting.

## 4.2 Horizontal and Vertical Shooting

The PT-5000 supports both horizontal and vertical shooting orientations, making it versatile for different content creation needs.

- To switch between orientations, adjust the camera mounting plate or use the provided horizontal/vertical clapper boards as needed.
- Ensure the camera is securely fastened in the desired orientation before operation.

**ZIFON PT5000 remote PTZ has two camera power supply ports, 14.8V and 8.4V, which is convenient for camera power supply, meanwhile the PTZ can be connected with F770,970 batteries, which is convenient for outdoor use.**



**Figure 4.2:** This image highlights the ZIFON PT5000's remote PTZ capabilities, showing the dual camera power supply ports (14.8V and 8.4V) and a visual representation of the battery level, indicating its suitability for extended outdoor use.

## 5. MAINTENANCE

To ensure the longevity and optimal performance of your ZIFON PT-5000, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the PT-5000 in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, remove batteries from both the unit and the remote control to prevent leakage.
- **Avoid Impact:** Handle the unit with care to prevent drops or impacts, which can damage internal components.

## 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your ZIFON PT-5000.

Problem	Possible Cause	Solution
Unit does not power on.	Low or dead battery; power adapter not connected properly.	Charge or replace batteries. Ensure power adapter is securely connected.
Remote control not responding.	Remote control batteries are low; remote not paired; interference.	Replace remote control batteries. Refer to pairing instructions in the full manual. Move away from sources of interference.
Unstable camera movement.	Camera not balanced; payload exceeds limit; loose mounting.	Ensure camera is properly balanced on the mounting plate. Verify payload is within 5 kg limit. Tighten all mounting screws.
Abnormal noise during operation.	Obstruction in movement path; internal mechanical issue.	Check for any obstructions. If noise persists, contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Brand	ZIFON
Model	PT-5000
Image Stabilization	Yes
Connectivity Technology	2.4 GHz Wireless
Supported Formats	Video
Video Resolution	1080p (supported by connected camera)
Compatible Devices	Mirrorless Cameras, Smartphones
Maximum Weight Recommendation	5 Kilograms (5000g)
Item Weight	2.3 Kilograms
Product Dimensions (L x W x H)	22 x 10.3 x 22 cm (8.66 x 4.06 x 8.66 inches)
Package Dimensions (L x W x H)	43 x 39.5 x 15.5 cm
Package Weight	4.1 Kilograms

Feature	Detail
Water Resistance Level	Not waterproof
Batteries Required	1 x 9V battery (for remote control, unit uses F770/970 or DC power)
Manufacturer	ZIFON

## 8. WARRANTY AND SUPPORT

Specific warranty information for the ZIFON PT-5000 is not provided in the product details. For warranty claims, technical support, or inquiries regarding spare parts and software updates, please contact the manufacturer or your point of purchase directly.

Please retain your proof of purchase for any warranty-related services.