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> YT-1500pro Remote Control Pan Tilt Head User Manual

JAOCDOEN JAOCDOENkzasd6t8i4

YT-1500pro Remote Control Pan Tilt Head User Manual

Model: JAOCDOENkzasd6t8i4 | Brand: JAOCDOEN

1. INTRODUCTION

Thank you for choosing the JAOCDOEN YT-1500pro Remote Control Pan Tilt Head. This device is designed to provide precise and smooth motorized pan and tilt movements for your smartphones and DSLR cameras, enhancing your photography and videography experience. With its 2.4G remote control, 360-degree horizontal rotation, and 52-degree vertical tilt, it offers versatile control for various shooting scenarios. This manual provides detailed instructions for setup, operation, and maintenance to ensure optimal performance and longevity of your device.

2. PACKAGE CONTENTS

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

- 1 x Remote Control Pan Tilt Head
- 1 x Remote Control
- 1 x Phone Clip
- 1 x Charging Cable (Type-C)
- 1 x User Manual



Image: The YT-1500pro Pan Tilt Head, accompanied by its remote control, phone clip, and charging cable, as typically found in the product packaging.

3. PRODUCT SPECIFICATIONS

Specification	Value
Item Type	Remote Control Pan Tilt Head
Material	Aluminum Alloy, ABS
Horizontal Angle	360 Degree (Infinite Rotation)
Vertical Angle	52 Degree
Horizontal Speed	8 Levels, 0.12 rpm - 3.5 rpm
Vertical Speed	8 Levels, 0.3 rpm - 1 rpm
Remote Control Frequency	2.4G
Remote Control Channel	00-99
Remote Control Distance	40m / 131.2ft

Specification	Value
Remote Control Battery	2 x 3A Battery (Not Included)
Weight Capacity	2.2kg (Camera Center of Not Higher Than 50mm)
Water Grade	IP66
Power	Maximum 3W
DC Input	5V 2A
Battery Information	Lithium Ion Battery 2000mAh (Included)
Pan Tilt Size (LxWxH)	Approx. 110x110x120mm / 4.3x4.3x4.7in
Item Weight	2.84 pounds
Package Dimensions	7.48 x 5.51 x 5.51 inches

Infinite 360 Degrees Rotation

360 Degrees surround rotation
8 adjustable speed levels



Image: A visual representation of the pan tilt head's movement capabilities, illustrating its 360-degree horizontal rotation and 52-degree vertical tilt range.



Image: The pan tilt head shown outdoors with water droplets, indicating its IP66 water resistance rating, suitable for various environmental conditions.

4. KEY FEATURES

The YT-1500pro Pan Tilt Head is equipped with several advanced features for versatile use:

- **2.4G Remote Control:** Utilizes 2.4G technology for a long remote distance of 40m and strong anti-interference capabilities. The codeless remote allows for precise adjustment of rotation direction and speed.
- **Flexible and Sturdy:** Offers infinite 360-degree rotation and features A-B point return functionality. Users can set two specific positions (A and B) and switch between them. It supports a load capacity of up to 2.2kg, making it compatible with most mainstream cameras and smartphones.
- **Mobile Phone Clip:** Includes a dedicated phone clip that supports smartphones, enabling easy switching between horizontal and vertical orientations to suit various shooting modes.
- **Type-C Charging:** Features a built-in 2000mAh rechargeable lithium-ion battery. It supports Type-C charging and allows for operation while charging, ideal for extended live streaming, video recording, and photography sessions.
- **Easy to Install:** Equipped with a 1/4-inch screw interface and a non-slip quick release plate, ensuring

compatibility with most photographic equipment. No additional adapter screws are needed. The base also has a 1/4-inch universal threaded connector for tripod mounting, expanding creative photography possibilities.

PRODUCT FUNCTION



Image: An annotated diagram highlighting key components of the pan tilt head, including the 1/4 screw, quick release plate, locking torque, horizontal bubble, channel controls, power switch, display screen, Type-C port, and rechargeable light indicator.

Compatible With Multiple Devices



Image: A visual representation demonstrating the pan tilt head's compatibility with various devices, including smartphones, DSLR cameras, mirrorless cameras, and LED video lights.

5. SETUP GUIDE

5.1 Mounting the Pan Tilt Head

1. Locate the 1/4-inch universal threaded connector at the base of the pan tilt head.
2. Screw the pan tilt head onto a compatible tripod or stand using this connector. Ensure it is securely tightened to prevent wobbling.

5.2 Attaching Your Camera or Smartphone

1. **For Cameras:** Use the 1/4-inch screw on the quick release plate to attach your DSLR or mirrorless camera. Ensure the camera is centered and securely fastened.
2. **For Smartphones:** Attach the provided phone clip to the 1/4-inch screw on the quick release plate. Then, insert your smartphone into the phone clip. The clip allows for easy switching between horizontal and vertical orientations.



Image: A DSLR camera securely mounted on the YT-1500pro Pan Tilt Head, demonstrating its readiness for use in a studio setting.



Image: The pan tilt head supporting a DSLR camera, with an overlay indicating its 2.2KG load capacity, ensuring stability for heavier camera setups.

5.3 Powering On

1. Locate the power switch on the pan tilt head.
2. Press and hold the power button to turn on the device. The display screen will illuminate.

6. OPERATING INSTRUCTIONS

6.1 Remote Control Overview

The remote control allows for wireless operation of the pan tilt head. Ensure 2 x 3A batteries are installed in the remote control (not included).



Image: A hand holding the remote control, demonstrating its wireless capability to operate the pan tilt head from a distance.

6.2 Adjusting Rotation and Speed

- **Horizontal Rotation:** Use the directional buttons on the remote control to pan the head 360 degrees horizontally.
- **Vertical Tilt:** Use the directional buttons to tilt the head 52 degrees vertically.
- **Speed Adjustment:** The pan tilt head offers 8 levels of speed adjustment for both horizontal and vertical movements. Use the speed control buttons on the remote to increase or decrease the rotation speed as needed.

6.3 Setting A-B Points

The pan tilt head supports setting two preset positions (A and B) for automated scanning:

1. Manually move the pan tilt head to your desired first position (Point A).
2. Press the 'A' button on the remote control to set Point A.
3. Manually move the pan tilt head to your desired second position (Point B).
4. Press the 'B' button on the remote control to set Point B.

- Once both points are set, you can activate the auto-scan function to have the head automatically move between Point A and Point B.

6.4 Charging the Pan Tilt Head

The pan tilt head has a built-in 2000mAh rechargeable lithium-ion battery.

- Connect the provided Type-C charging cable to the charging port on the pan tilt head.
- Connect the other end of the cable to a 5V 2A power source (e.g., USB wall adapter, power bank).
- The rechargeable light indicator will show the charging status.
- The device supports working while charging, allowing for continuous operation during long sessions.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your pan tilt head:

- Cleaning:** Use a soft, dry cloth to wipe the exterior of the device. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the internal components. Avoid using harsh chemicals or abrasive cleaners.
- Storage:** When not in use, store the pan tilt head in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to store it in its original packaging or a protective case.
- Battery Care:** For optimal battery life, avoid fully discharging the battery frequently. If storing for an extended period, charge the battery to approximately 50-70% capacity every few months.
- Handling:** Handle the device with care. Avoid dropping it or subjecting it to strong impacts, as this can damage internal mechanisms.

8. TROUBLESHOOTING

If you encounter issues with your YT-1500pro Pan Tilt Head, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not power on	Low battery; Power switch off; Internal fault	Charge the device using the Type-C cable; Ensure power switch is in 'ON' position; Contact customer support if issue persists.
Remote control not responding	Remote batteries low/dead; Remote not paired; Obstruction between remote and head; Out of range	Replace remote batteries (2 x 3A); Ensure remote is within 40m range and no major obstructions; Re-pair remote if necessary (refer to remote pairing instructions in manual).
Pan/Tilt movement is jerky or stops	Overload (device too heavy); Low battery; Obstruction in movement path	Ensure attached device weight is within 2.2kg limit; Charge the pan tilt head; Check for any physical obstructions preventing smooth movement.
A-B point function not working	Points not set correctly; Remote control issue	Re-set A and B points carefully following instructions; Check remote control functionality.

9. WARRANTY AND SUPPORT

JAOCDON products are manufactured with high-quality standards. For information regarding warranty coverage, returns, or technical support, please refer to the warranty card included with your product or visit the official JAOCDON store on Amazon.

JAOCDON Store: [Visit the JAOCDON Store on Amazon](#)

Please retain your proof of purchase for any warranty claims.