

Andoer YT-260

Andoer Zifon YT-260 Remote Control Motorized Pan Tilt Head User Manual

MODEL: YT-260

1. Introduction

This manual provides comprehensive instructions for the safe and effective use of your Andoer Zifon YT-260 Remote Control Motorized Pan Tilt Head. This device is designed to provide remote-controlled pan and tilt movements for lightweight cameras, action cameras, and smartphones, enhancing your photography and videography experience. Please read this manual thoroughly before operation and retain it for future reference.

2. Safety Information

- **Do Not Rotate Manually:** To prevent damage to the internal gears and motor, do not attempt to manually rotate the pan or tilt mechanisms. Always use the remote control for adjustments.
- **Weight Limit:** The maximum recommended load capacity for this device is 260 grams (approximately 0.57 lbs). Exceeding this weight can cause instability, damage to the motor, or lead to the unit tipping over. This device is primarily intended for smartphones and lightweight action cameras, not for heavier DSLR cameras.
- **Power Source:** Use only the specified charging method (Mini-USB) and a compatible 5V power adapter.
- **Environmental Conditions:** Avoid exposing the device to extreme temperatures, moisture, or dust.
- **Children:** Keep out of reach of children.

3. Package Contents

Please verify that all items are present in your package:

- Andoer Zifon YT-260 Motorized Pan Tilt Head
- Remote Control
- Smartphone Holder
- Action Camera Mount (e.g., for GoPro)

- User Manual (this document)



Figure 3.1: Contents of the Andoer Zifon YT-260 package, including the pan tilt head, remote control, smartphone holder, and action camera mount.

4. Product Overview

Familiarize yourself with the components of your motorized pan tilt head.

4.1 Pan Tilt Head Unit



Figure 4.1: Front view of the pan tilt head, showing the power switch, indicator lights, and USB ports.

- **Power Switch:** Located on the front, used to turn the unit ON/OFF.
- **Indicator Lights:** Display operational status and battery level.
- **Mini-USB IN Port:** For charging the internal battery.
- **USB OUT Port:** Potentially for powering external devices (refer to specifications for output details).
- **Mounting Plate:** Top surface with a standard 1/4-inch screw for attaching cameras or holders.
- **Tripod Mount:** Standard 1/4-inch screw thread on the bottom for attaching to a tripod.



Figure 4.2: Top view of the mounting plate with a 1/4-inch screw for camera attachment.



Figure 4.3: Bottom view of the unit, displaying the model information and a warning against manual rotation.

4.2 Remote Control



Figure 4.4: The remote control with its extendable antenna for improved signal range.

- **Antenna:** Extend for optimal signal reception.
- **Directional Buttons:** Typically labeled A, B, C, D for pan left, pan right, tilt up, and tilt down.
- **Battery Compartment:** Located on the back, for a 23A, 12V battery.

5. Setup

Follow these steps to set up your Andoer Zifon YT-260 Pan Tilt Head:

1. **Install Remote Control Battery:** Open the battery compartment on the back of the remote control and insert one 23A, 12V battery, ensuring correct polarity.
2. **Mount the Pan Tilt Head:** Securely attach the pan tilt head to a tripod or other stable support using the 1/4-inch screw thread on its base.
3. **Attach Camera/Smartphone:**
 - For smartphones: Attach the smartphone holder to the 1/4-inch screw on the pan tilt head's mounting plate. Then, secure your smartphone firmly within the holder.
 - For action cameras: Attach the action camera mount to the 1/4-inch screw on the pan tilt head's mounting plate. Then, secure your action camera to its mount.

- For lightweight cameras: Directly screw the camera onto the 1/4-inch screw on the pan tilt head's mounting plate. Ensure the camera is balanced and does not exceed the 260g weight limit.
4. **Power On:** Flip the power switch on the front of the pan tilt head to the 'ON' position. The indicator lights should illuminate.



Figure 5.1: The pan tilt head configured with both a smartphone and an action camera, demonstrating mounting versatility.

6. Operating Instructions

Once set up, you can control the pan and tilt movements using the remote control.

1. **Extend Antenna:** For optimal range and signal stability, extend the antenna on the remote control.
2. **Pan Control:** Use the designated buttons (e.g., 'A' for left, 'B' for right) on the remote to rotate the head horizontally.
3. **Tilt Control:** Use the designated buttons (e.g., 'C' for up, 'D' for down) on the remote to adjust the vertical angle of the head.
4. **Movement Speed:** The movement speed is fixed. For precise adjustments, short presses of the directional buttons are recommended. Note that at high zoom ratios, the movement may appear less granular.

5. **Power Off:** When finished, flip the power switch on the pan tilt head to the 'OFF' position to conserve battery.

7. Charging

The pan tilt head features an internal rechargeable battery.

- **Charging Port:** Connect a Mini-USB cable (not included) to the 'IN' port on the front of the unit.
- **Power Source:** Connect the other end of the USB cable to a standard 5V USB power adapter (e.g., a smartphone charger) or a computer USB port.
- **Charging Indicator:** The unit may not have a dedicated 'full charge' indicator. Monitor charging time (approximately 40 minutes for a partial charge, as observed in user reports) or refer to the product's full specifications for typical charging durations.
- **Remote Control Battery:** The remote control uses a replaceable 23A, 12V battery and does not recharge via USB.

8. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners or solvents.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If storing for extended periods, ensure the internal battery is partially charged (around 50%) to prolong its lifespan. Remove the battery from the remote control if not in use for a long time.

9. Troubleshooting

If you encounter issues with your pan tilt head, refer to the following common problems and solutions:

- **Unit Does Not Power On:**
 - Ensure the power switch is in the 'ON' position.
 - Charge the internal battery using the Mini-USB port.
- **Remote Control Not Responding:**
 - Check if the remote control battery (23A, 12V) is correctly installed and has sufficient power. Replace if necessary.
 - Ensure the remote control's antenna is extended.
 - Reduce the distance between the remote and the pan tilt head.
 - Ensure there are no obstructions blocking the signal.
- **Jerky or Inconsistent Movement:**
 - This device has a fixed movement speed. For smoother results, use short, precise presses of the remote buttons.
 - Ensure the mounted camera/smartphone is within the 260g weight limit and is balanced on the mounting plate. An unbalanced or overweight load can affect movement smoothness.
- **Unit Tilts or Falls Over:**
 - Verify that the mounted device (camera/smartphone) does not exceed the 260g weight limit.
 - Ensure the pan tilt head is securely mounted on a stable tripod or surface.
 - Check that the mounted device is properly balanced over the center of the mounting platform.

10. Specifications

Feature	Specification
Model Number	YT-260 (SC-5045)
Brand	Andoer
Compatible Devices	Cellphone, Extreme Camera, Wifi Camera
Max Load Capacity	260 grams (0.57 lbs)
Horizontal Rotation	230°
Vertical Rotation	60°
Horizontal Speed	2.5 rotations/minute
Vertical Speed	1.5 rotations/minute
Item Weight	0.28 grams (0.01 Ounces)
Package Dimensions	14.5 x 13.11 x 13 cm
Power Input	Mini-USB (5V)
Remote Battery	1 x 23A, 12V battery
Color	Black

11. Warranty and Support

For warranty information and customer support, please refer to the documentation provided at the time of purchase or visit the official Andoer website. Keep your proof of purchase for any warranty claims.