

AK-T02

Generic AK-T02 AC220V Wireless Motor Remote Control Switch User Manual

Model: AK-T02 | Brand: Generic

1. INTRODUCTION

The Generic AK-T02 is an intelligent wireless remote control switch designed for AC220V motors, commonly used with tubular motors for applications such as automated curtains, projector screens, electric doors, and other devices requiring UP, DOWN, and STOP control. This manual provides essential information for the safe installation, operation, and maintenance of your AK-T02 system.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock. Always disconnect power before installation or servicing.

- Ensure all wiring is performed by a qualified electrician in accordance with local electrical codes.
- Do not expose the device to moisture or extreme temperatures.
- Verify the input voltage (AC220V) matches your power supply before connecting.
- Keep the remote control out of reach of children.

3. PRODUCT COMPONENTS

The AK-T02 system typically includes the following components:

- Wireless Remote Control (Transmitter)
- Receiver Module (Controller)



Image 3.1: The AK-T02 wireless remote control and its corresponding receiver module. The remote features three buttons for UP, DOWN, and STOP functions, while the receiver module includes wiring terminals and indicator lights.



Image 3.2: A complete view of the AK-T02 system, showing the wireless remote control, the receiver module, and a wall-mount bracket for the remote. The receiver module's internal circuit board is also partially visible, indicating its electronic components.

4. SPECIFICATIONS

Feature	Specification
Model Number	AK-T02
Input Voltage	AC220V
Wireless Communication	RF (Radio Frequency)
Frequency	315MHz / 433MHz (Specific frequency may vary by region/model)
Channel	2
Control Functions	UP, DOWN, STOP (Motor Forward, Reverse, Stop)
Certifications	CE, FCC

Feature	Specification
Typical Applications	Universal, Projectors, Lighting, Electric Door, Automated Curtains

5. SETUP AND INSTALLATION

Before proceeding, ensure the main power supply is disconnected to prevent electric shock.

1. Wiring the Receiver Module:

- Identify the input terminals for AC220V power (L for Live, N for Neutral). Connect your main power supply to these terminals.
- Identify the output terminals for the motor: UP, COM (Common), and DOWN. Connect your motor's corresponding wires to these terminals. Typically, the motor will have three wires: one for UP/Forward, one for DOWN/Reverse, and a common wire.
- Ensure all connections are secure and insulated.

2. Mounting the Receiver:

Mount the receiver module in a secure, dry location, away from direct heat or moisture. Ensure it is accessible for future maintenance but protected from accidental contact.

3. Power On:

Once all wiring is complete and verified, restore power to the circuit.

4. Remote Control Pairing (if necessary):

Most AK-T02 units are pre-paired. If your remote does not control the motor, refer to specific pairing instructions that may be provided with your unit. A common method involves pressing a learning button on the receiver module and then a button on the remote control within a short timeframe.



Image 5.1: An internal view of the AK-T02 receiver module, showing the circuit board with relays and wiring terminals. This image provides context for understanding the connection points for power input and motor output.

6. OPERATING INSTRUCTIONS

Using the wireless remote control is straightforward:

- **UP Button:** Press this button to initiate the motor's upward or forward movement.
- **DOWN Button:** Press this button to initiate the motor's downward or reverse movement.
- **STOP Button:** Press this button to halt the motor's current movement.

7. MAINTENANCE

- **Cleaning:** Keep the remote control and receiver module clean and free from dust. Use a soft, dry cloth for cleaning.
- **Battery Replacement:** If the remote control's range decreases or it becomes unresponsive, replace the battery. Refer to the remote's casing for battery type and replacement instructions.
- **Environmental Conditions:** Ensure the receiver module is not exposed to excessive heat, cold, or humidity, which can affect its performance and lifespan.

8. TROUBLESHOOTING



- **Motor Not Responding:**
 - Check if the receiver module is receiving power (indicator light, if present, should be on).
 - Verify the remote control's battery is functional.
 - Ensure the remote control is within range and there are no significant obstructions.
 - Re-check motor wiring connections to the receiver module.
- **Intermittent Operation:**
 - This could be due to signal interference from other RF devices. Try to relocate the receiver or the interfering device.
 - Weak remote control battery.
- **Motor Moves in Wrong Direction:**
 - Swap the UP and DOWN motor wires connected to the receiver module.

9. WARRANTY AND SUPPORT

Warranty: This product comes with a 12-month warranty for all products, offering a full refund or replacement for quality issues.

Customer Support: If you encounter any issues with the product, such as damage or incorrect items, please contact us directly through the Amazon platform. We are committed to providing the best solution and ensuring 100% customer satisfaction.

Related Documents - AK-T02

	<p>T02-00073-AAAx Hand-Held Control Head Installation Instructions</p> <p>Installation instructions for the T02-00073-AAAx Hand-Held Control Head (HHCH) for mobile radios. Covers connecting the HHCH to the radio body or remote interface, extension cables, remote speakers, and programming.</p>
	<p>Danfoss AK-PC 781A Pack Controller User Guide</p> <p>Comprehensive user guide for the Danfoss AK-PC 781A Pack Controller, detailing its application, design, configuration, operation, and regulating functions for transcritical CO2 booster control systems.</p>



[Danfoss AK-PC 781A Capacity Controller: User Guide for Refrigeration Systems](#)

Comprehensive user guide for the Danfoss AK-PC 781A capacity controller, detailing its features for refrigeration systems, including compressor and condenser control, heat recovery, and CO2 gas pressure management.



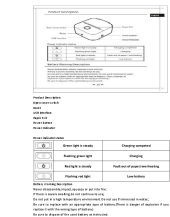
[Danfoss AK-PC 782A User Guide: Transcritical CO2 Booster Control](#)

User guide for the Danfoss AK-PC 782A pack controller, detailing its application in transcritical CO2 booster systems, configuration, operation, and regulating functions for compressors and condensers.



[Honeywell AutoRAE 2 User Manual: Automatic Test and Calibration System](#)

Comprehensive user manual for the Honeywell AutoRAE 2 Automatic Test and Calibration System, detailing setup, operation, maintenance, and troubleshooting for gas detection monitor calibration. Covers AutoRAE 2 Controller and various cradles.



[Phomemo T02 Mini Printer User Manual and Guide](#)

Comprehensive guide for the Phomemo T02 Mini Printer, covering product description, operation, paper replacement, battery warnings, warranty information, and FCC compliance.