

QIACHIP KT05-AB-3

QIACHIP EV1527 Rf433m Wireless Remote Transmitters User Manual

Model: KT05-AB-3

1. INTRODUCTION

This manual provides comprehensive instructions for the QIACHIP EV1527 Rf433m Wireless Remote Transmitters. These transmitters are designed to be used with a compatible 12V 1-channel wireless receiver (receiver not included) to control various electronic devices remotely. Please read this manual carefully before use to ensure proper setup and operation.



Image 1.1: Three QIACHIP EV1527 Rf433m Wireless Remote Transmitters. Each remote features two buttons, labeled 'A' and 'B', and an attached metal keychain clip.

2. PRODUCT OVERVIEW

The QIACHIP EV1527 Rf433m Wireless Remote Transmitter is a compact and ergonomic device designed for convenient remote control. Each remote features two silicone buttons and an indicator light.

2.1 Components

- **Silicone Buttons (A and B):** Used to send control signals to the paired receiver.
- **Indicator Light:** Illuminates when a button is pressed, indicating signal transmission.
- **Chrome Bezel:** Provides a durable and aesthetic finish.
- **Metal Keychain:** Allows for easy attachment to keys or other items.



Image 2.1: Diagram illustrating the key components of the remote control, including the silicone buttons (A and B), indicator light, chrome bezel, and metal keychain.

2.2 Operating Range

These remote transmitters offer a wide operating range, typically up to 100 meters in an open, unobstructed area. Actual range may vary depending on environmental factors and obstacles.



Image 2.2: Illustration depicting the effective operating range of the wireless remote, showing a signal reaching up to 100 meters in an open environment.

3. SETUP

3.1 Battery Installation

The remote control requires one CR2032 button cell battery. The battery is typically pre-installed, but if replacement is needed or if the remote is not functioning, follow these steps:

1. Carefully open the remote casing. This usually involves prying apart the two halves of the remote, often near the keychain loop.
2. Locate the battery compartment on the circuit board.
3. Remove the old CR2032 battery, noting its polarity.
4. Insert a new CR2032 battery with the positive (+) side facing up.
5. Close the remote casing securely.



Image 3.1: View of the remote's internal circuit board, showing the placement of the CR2032 button cell battery.

3.2 Pairing with a Receiver

These transmitters are designed to work with a compatible QIACHIP 12V 1-channel wireless receiver (not included). A single receiver can pair with up to 20 remotes. The pairing process typically involves the following steps, though specific details may vary based on your receiver model:

1. **Power On Receiver:** Ensure your 12V 1-channel wireless receiver is powered on.
2. **Clear Existing Programming (Recommended):** To prevent conflicts, it is often recommended to clear any previous pairings on the receiver. This is typically done by pressing the receiver's learning button (often a small button on the circuit board) 8 times. The receiver's indicator light should flash rapidly and then turn off, confirming the memory has been cleared.
3. **Enter Learning Mode:** Press the receiver's learning button once or twice, depending on the desired operating mode (e.g., momentary, toggle, latched). The receiver's indicator light will illuminate steadily, indicating it is in learning mode.
4. **Transmit Signal:** While the receiver's indicator light is steady, press the desired button (A or B) on your QIACHIP remote transmitter. The remote's indicator light will flash.
5. **Confirm Pairing:** The receiver's indicator light should flash a few times and then turn off, confirming successful pairing.
6. **Test Functionality:** Press the paired button on the remote to ensure the receiver responds as expected.

Note: Refer to your specific receiver's instruction manual for precise pairing procedures and mode selection (e.g., momentary, toggle, latched).

4. OPERATING

Once your QIACHIP EV1527 remote transmitter is successfully paired with a compatible receiver, operation is straightforward:

- **Press Button A or B:** Simply press the 'A' or 'B' button on the remote to send a signal to the receiver.
- **Indicator Light:** The small indicator light on the remote will illuminate briefly when a button is pressed, confirming that a signal is being transmitted.
- **Receiver Response:** The paired receiver will execute the programmed action (e.g., turn a device on/off, open/close a garage door) according to its configured mode (momentary, toggle, or latched).

5. MAINTENANCE

5.1 Battery Replacement

If the remote's indicator light becomes dim or fails to illuminate, or if the remote's range decreases significantly, it may be time to replace the battery. The remote uses one CR2032 button cell battery.

1. Open the remote casing as described in Section 3.1.
2. Carefully remove the old CR2032 battery.
3. Insert a new CR2032 battery, ensuring the positive (+) side is facing up.
4. Close the remote casing securely.

Note: In some rare cases, after battery replacement, the remote may need to be re-paired with the receiver. Follow the pairing instructions in Section 3.2 if necessary.

6. TROUBLESHOOTING

- **Remote Not Responding:**
 - Check the battery: Ensure the CR2032 battery is correctly installed and has sufficient charge. Try replacing it with a new battery.
 - Receiver Power: Verify that your 12V 1-channel wireless receiver is properly powered and functioning.
 - Re-pairing: Attempt to re-pair the remote with the receiver following the steps in Section 3.2.
 - Remote Reset: If a new remote or a remote after battery change is not pairing, try removing and reinserting the battery in the remote to perform a soft reset, then attempt pairing again.
- **Limited Operating Range:**
 - Obstructions: Ensure there are no significant physical obstructions (e.g., thick walls, metal objects) between the remote and the receiver.
 - Antenna: Verify that the receiver's antenna (if applicable) is fully extended and unobstructed.
 - Interference: Minimize potential sources of radio frequency interference in the vicinity.

7. SPECIFICATIONS

Feature	Detail
Model Number	KT05-AB-3
Brand	QIACHIP
Frequency	433MHz (Rf433m)
Encoding Chip	EV1527
Battery Type	1 x CR2032 (required)
Max Supported Remotes (per receiver)	Up to 20
Operating Range	Up to 100 meters (open area)
Compatible Devices	12V 1-channel wireless receivers, Garage Door systems
Package Dimensions	5.35 x 4.96 x 1.06 inches
Item Weight	3.53 ounces

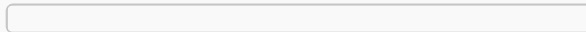


Image 7.1: Diagram showing the approximate dimensions of the remote control: 6.1 cm in length and 2.9 cm in width.

8. WARRANTY AND SUPPORT

8.1 Warranty Information


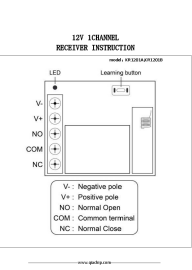

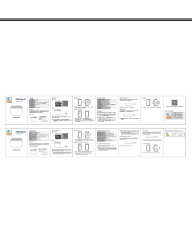
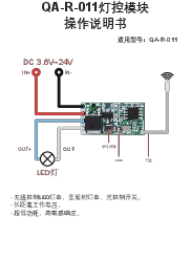
Specific warranty details for the QIACHIP EV1527 Rf433m Wireless Remote Transmitters are not provided in the product documentation. For information regarding warranty coverage, please contact the seller or manufacturer directly.

8.2 Customer Support

For further assistance, technical support, or inquiries, please contact QIACHIP customer service through their official channels or the retailer where the product was purchased.

You can visit the QIACHIP Store for more information: [QIACHIP Store on Amazon](#)

Related Documents - KT05-AB-3

	<p>QIACHIP RX480E-4 Receiver Module: Instructions, Specifications, and Operation</p> <p>Detailed instructions, specifications, and operational guide for the QIACHIP RX480E-4 433.92MHz superheterodyne wireless receiver module. Learn about clearing codes, learning modes (momentary, toggle, latching), pin-outs, applications, and wiring.</p>
	<p>QIACHIP KR1201A/KR1201B 12V 1-Channel Receiver: Installation and Operation Guide</p> <p>Comprehensive guide for the QIACHIP KR1201A and KR1201B 12V 1-channel RF relay receiver module. Learn about wiring diagrams, operating modes (Momentary, Toggle, Latching, Delay), and setup procedures for various applications like controlling lights, door locks, and motors.</p>
	<p>QIACHIP RX480E-868 Wireless Four Channel Decoding Receiver Module - Technical Specification</p> <p>Detailed technical specifications, features, applications, pin descriptions, and operating modes for the QIACHIP RX480E-868 FSK RF remote control receiver module.</p>
	<p>ZBBridge-01 Zigbee Bridge User Manual and Specifications</p> <p>This document provides the user manual and specifications for the ZBBridge-01 Zigbee Bridge, detailing its features, setup instructions, LED status indicators, and troubleshooting tips. It supports WiFi and Zigbee dual-protocol, and integrates with popular AI platforms like Google Assistant and Amazon Alexa.</p>
	<p>QA-R-011 Wireless RF Relay Module - QIACHIP Operation Manual & Specifications</p> <p>Comprehensive guide for the QIACHIP QA-R-011 wireless RF relay module. Covers wiring diagrams, setup instructions for various working modes (Momentary, Toggle, Latching, Time Delay), and detailed product specifications.</p>



WIRING DIAGRAM

[Qiachip KR2402A 2-Channel Receiver Instruction Manual](#)

Instruction manual for the Qiachip KR2402A DC6-30V 2-Channel Receiver, detailing wiring diagrams, function descriptions, setting methods, and technical specifications.