

The User Manual of YKD-01

Thank you for using our remote controller. Please read the user's manual carefully before using.

1. Applied To

This manual is applied to YKD-01 remote controller.

2. Characteristics

SAW is used in YKD-01. So it has a high frequency stability, and a low temperature drift. The frequency won't drift even when held in the hand. The SAW's cost is low now, so the traditional LC oscillators are substituted by SAW in many fields. The signal of the wireless remote controller can penetrate walls, not like the infrared remote controller. YKD-01 has a high frequency accuracy, which is less than $\pm 75\text{kHz}$, so the reliability is insured. Some remote controllers using LC oscillator, have a bad frequency accuracy of $\pm 500\text{kHz}$. The quiescent current is approximately zero, so a 12V23A battery can be used more than one year. The remote controller has a code-protect function. 8 bits addressing is used, and the remote controller can provide more than 6561 codes. The chance of conflict is much slim. See 'How To Code' for detail.

3. Technical Specifications

Power Voltage: 12VDC (12V23A battery)

Quiescent Current: 0uA;

Operation Frequency: 433.92MHz;

Frequency Accuracy: $\pm 150\text{kHz}$;

Operation Current: 2mA;

Modulate Mode: AM;

Transmit Power: <0dBm

4. User Guide

Before using, please check if the remote controller and the receiver board have the same frequency and oscillating resistor value. Difference of them will make the remote control distance shorter, or cause the remote control to fail. The addressing code of the remote controller and the receiver board should also be the same. The addressing code of the remote controller and the receiver board is set to be vacant before delivery. Avoid using near large shielding materials to assure remote control distance.

5. After Service

Guarantee to change for inartificial quality problem within one month.

The warranty period covers one year.

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.