

# **TJFC433** Instruction Manual for Remote Control

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**TJFC433**

**ASK** Wireless Remote Control

**Version1.0**



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## 1、Overviews

TJFC433 is a very beautiful appearance of the 1527 learning remote control, the shell, using imported high-quality flame-retardant ABS material production, metal outer ring can prevent damage, panels and buttons give a very good texture, safe and reliable use. It uses a surface acoustic resonator and a high-power RF circuit. The circuit consumes current only when the button is pressed. It does not consume power at ordinary times. It is simple to use and can work with the common ASK super-regeneration or super-heterodyne receiving circuit, it has high frequency stability.



## 2、Product characteristics

- (1) Working Voltage: DC6V (2016 button battery two pieces)
- (2) Operating Current: 7mA
- (3) Static Current: 0 mA
- (4) Operating Frequency: 433.917M
- (5) Frequency stability: Stabilized by SAW (+-75KHZ)
- (6) Coding chip: Learning Code (1527, etc.)
- (7) Power: > 8mw



(8) Launch Distance: > 200m (Open Space, with RM03 module receiving sensitivity of -110dbm, 1/4 wavelength single conductor) (9) Data rate: 2.4KHz

(10) MODULATION: Ask

(11) Oscillating resistance: According to Customer's requirement

(12) Operating temperature: -20°C ~ 70°C

### 3. SCOPE of application

(1) Auto remote door switch (RKE);

(2) Remote Control Door Opening Machine, road gate;

(3) Wireless Security Alarm;

(4) Remote Control Curtain Machine;

(5) Wireless Industrial Controller;

(6) Wireless data transmission;

### 4. Instructions

Receiver to the remote control for the code learning, can be used in pairs. That is, the receiver goes into the learning receiving state (press the learning key) , then press any key of the remote control, the receiver gives instructions accordingly, when the code output by the remote control is successfully learned, the learning is complete.

### 5. Name Interpretation

TJFC433-433. 917M

TJFC433. Represents the remote control model;

433. 917M. The frequency is 433.917 Mhz;

### 6. FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

## 7. Record modification

| Version | Update date | Update content  | Reviser | Conformer |
|---------|-------------|-----------------|---------|-----------|
| V1.0    | 2017-06-13  | Initial Version | Leo     | Andy      |

