

KL5000-N (N=1, 2, 4, 6, 8, 12) Super far distance Bidirectional Remote Control

1. Overview

KL5000-N is our currently developed super far distance bidirectional remote control series. According to number of buttons, KL5000-N has 6 different buttons 1,2,4,6,8,12. The remote control using spread spectrum communication technology, greatly enhancing the anti-jamming performance. U.S. imports of chips, strict testing to ensure the quality of reliability

The remote control and a matching receiver module, its measured distance can reach more than 6000m.

If you select bidirectional mode, KL5000-N can instantly receive feedback signal from the receiving device.

2. Specification

- Working Voltage: DC9V
- Working Current: 65mA
- Receive Current: 16mA
- Standby Current: 5uA
- Working Frequency: 434MHz (can customize 868,915MHz)
- Encode type: custom match code
- Modulation Mode: FSK (FM)+ LORA(SPSP)
- Feedback Indication: Buzzer
- Receiving sensitivity: -148dBm
- Control Distance: 6000m (open area, match with KL-BT01)
- Operating temperature: -10°C~+70°C
- Dimension: 50*20*1.0mm

3. Usage

- a. Match Code: Press match code button for 3seconds, LED indicator lights, and press any buttons on remote control. When LED flashes 2times, it means finishing matching code.
- b. FBK Select: On remote control module, Short-circuit S3, receive FBK signal; break, not receive FBK signal. When bidirectional remote control receives the signal, the buzzer will send the sound 'dip-'
- c. If selecting to receive FBK signal, remote control power-on and default standby. When pressing the button, remote control will transmit signal; when up-springing the

button, remote control will receive. Before entering into standby, it will be continuous for 1 second.

- d. When remote control not need to work for a long time, please shut off the power supply.

