

## **WKP-290 Work Basis (工作原理)**

### **Keypad:**

1. When user typing the keypad, membrane will detect the user typing character, then send signal to the MCU.
2. The MCU will encode the signal and modulate the signal that use FSK modulation type)
3. Through the 27 MHz RF circuit transmit the modulation signal.

### **Receiver:**

1. When the receiver receives the modulation signal will demodulate signal through RF circuit. And then responds signal to MCU.
2. The MCU meeting decodes the signal PC acceptable format.

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ps. FSK: Frequency Shift Key

MCU: Micro Control Unit

RF: Radio Frequency

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