

## Working theory of transmitter

The transmitter has four keys. When you press one of the keys on the remote controller, the switch will transmit a high voltage to the encoder IC of remote controller, the encoder IC will trigger 433.92 MHz high frequency transmitter unit to transmit the address code and key value. At the same time, LED will turn on, and transmitter will stop if loosing the button, then LED will turn off.

Input Voltage: DC12V, 1 pcs 23A batter

Modulation Type: ASK

Antenna: PCB printed antenna with 0dBi Gain