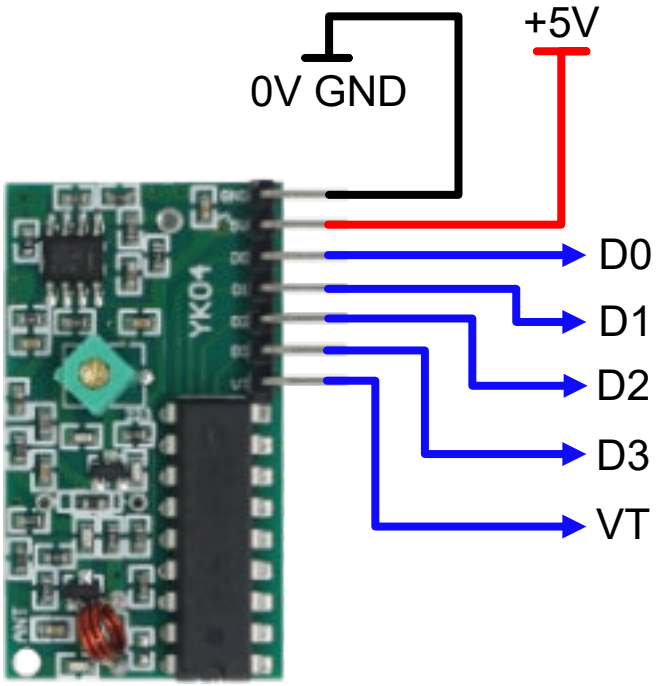
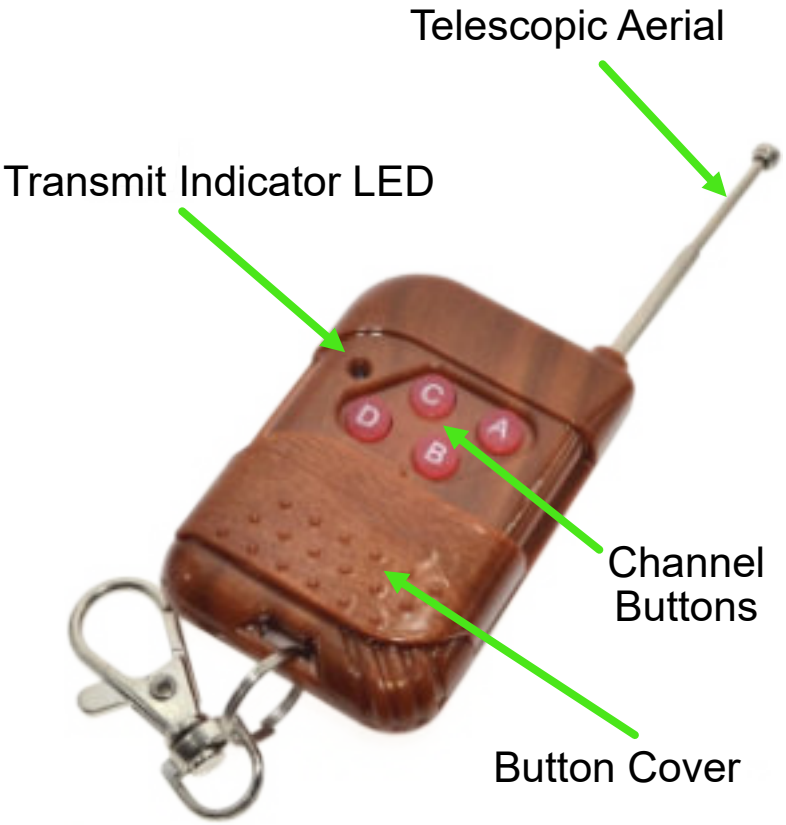
## Connections




Connect GND and +5V as shown. The power supply must be a regulated DC 5 Volt power supply.

Signals D0 - D3 are the receiver outputs. They are normally LOW (0V) and go HIGH (+5V) when their corresponding button on the transmitter is pressed.

VT is the Valid Signal output, this signal is normally LOW but goes HIGH when the receiver is receiving a valid signal from the transmitter. This can be used as a "Any Button" pressed output.

The D0 - D3 and VT receiver output signals are all momentary (i.e they only go HIGH whilst the corresponding button is being pressed). If all that is required is for an action to happen only while a button is being pressed then these signals can be connected directly to your TTL level output drive circuit such as our Mosfet modules. If a toggle action is required (i.e. pressing a button once turns the output on and pressing it again turns it off) then the outputs should be connected to a latching circuit or a small micro controller board such as an Arduino Nano. We have a suitable Arduino sketch for download free of charge for this. Or alternatively we stock a pre-programmed Arduino Nano for this purpose.

## Operation

Extend the Telescopic Aerial.

The Button Cover slides up and down to prevent buttons being pressed accidentally.

The Transmit Indicator LED lights up when a button is being pressed.

To change the Transmitter batter, remove the screw from the back and gently prise open the case. Remove the battery and replace with a new 23A battery.

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