

TW-DIY-5180

Rolling Code 4-Channel UHF Remote Control Kit - DIY This is one very clever remote control. With rolling code, it's close-to-impossible to electronically crack. With four channels, all either latching or momentary operation, it's extremely versatile. With a sensitive prebuilt receiver, it's long range. With up-to-16 keyring-size transmitters, it's go-anywhere. And the kit even includes the keyring!



zoom photo

- Parts List :

4-Channel Code-Hopping Remote Control

1 TX-4312RSA 4-channel keyring rolling code transmitter assembly

1 RX3302D A1.5 433MHz rolling code receiver module

1 PC board, coded K180, 86 x 78mm

4 miniature relays, SPDT, PCB mounting,
12V coils (Millionspot H5000xx)

1 ultramini pushbutton switch, PC mounting, N-O contacts

6 interlocking 2-way terminal blocks, PC mounting

2 14-pin DIL IC sockets (optional)

4 3-way header pin sets, PC mounting
Red & black insulated hookup wire for power connection

1 200mm length insulated hookup wire for antenna (see text)

Semiconductors

2 4013 dual D flipflops (IC1, IC2)

4 NPN general purpose transistors (C8050 or similar) (Q1-Q4)

1 7805 3-terminal regulator (REG1)

4 1A power diodes, 1N4004 or similar (D1-D4)

4 red LEDs, 5mm (LED1-LED4)

1 green LED, 5mm (LED 5)

Capacitors

2 100µF, 16VW PC mounting electrolytics

7 0.1µF polyester or ceramic (monolithic 5mm)

Resistors

4 10MΩ

1 1MΩ

4 4.7kΩ

4 2.2kΩ

1 1kΩ