

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