

Edit a key fob transmitter and receiver for different channels

Theory of Operation

The decoder chip on the receiver and the transmitter is a HOLTEK HT658 this part has selectable address. To select a different address you will cut the trace for the address on both units the receiver and the transmitter. Once done the units will be unique to each other.

Parts list:

Description:	Part number	Quantity
Red LED	350-00006	5
470 ohm resistor 1/4 watt	150-04710	5
418 MHz RX RF (SIP/wire/SW)	28004	1
418 MHz Transmitter RF (KC/loop/SW)	28005	1

Circuit modifications:

To open the transmitter you will need a flathead screwdriver to pry the unit open, be careful not to push too hard you may damage the unit. On the transmitter and receiver you will see, a 24 pin surface mounted chip see fig 1 and fig 2. On the transmitter it you should see a setup like fig 3. The receiver will not have numbered markings. At this point you will just cut the trace for the channel you want. If you cut the 0 lead on the receiver then you will cut the transmitter trace of 0. Now you are able to cut multiple channels to allow different addresses, you will just want to make sure what leads are cut are cut the same on the receiver and transmitter.

Fig 1

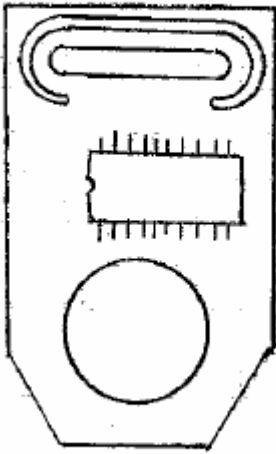


Fig 2

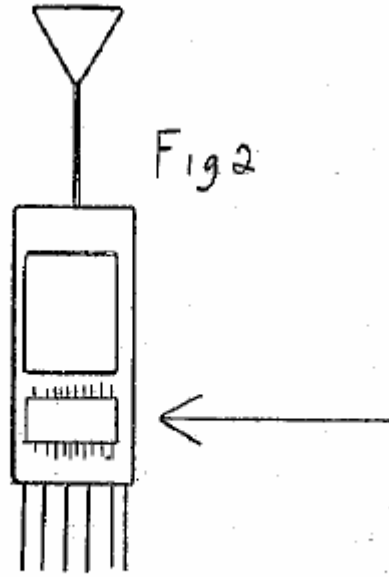
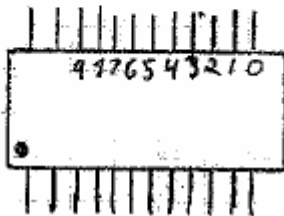


Fig 3



Circuit setup:

This circuit is just a simple led test.

Fig 4

