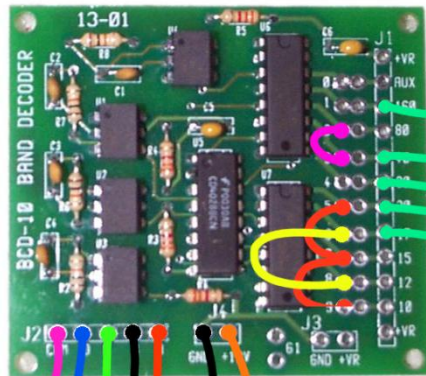


This simple diagram shows using the Unified Micro Systems Band Decoder/Antenna Selector Modules with either an Elecraft K3 or a Yaesu FT-5000 to drive a DX Engineering Remote Antenna Switch. The Board decodes the band data from the radio and selects the appropriate antenna. Even with a dual or tri-band antenna, this decoder will output the correct switching needed. *Please refer to the appropriate radio manufacturer's manuals, the Unified Micro System instructions and the DX Engineering manuals for complete wiring details on these individual products.*

UMS-BCD-14 Unified Microsystems Circuit Board, Band Decoder and Relay Driver kit <http://www.dxengineering.com/parts/ums-bcd-14>

UMS-BCD-10 Unified Microsystems Band Decoder and Relay Driver kit <http://www.dxengineering.com/parts/ums-bcd-10>

DX Engineering RR-8 series remote antenna switches. <http://www.dxengineering.com/parts/dxe-rr8b-hp> <http://www.dxengineering.com/parts/dxe-rr8b-sd>



Antennas Listed are Only Examples

- 160m Dipole
- 80/40 Vertical
- 30m Dipole
- 10-15-20 Triband
- 12-17 Dual Band



To the RR-8A

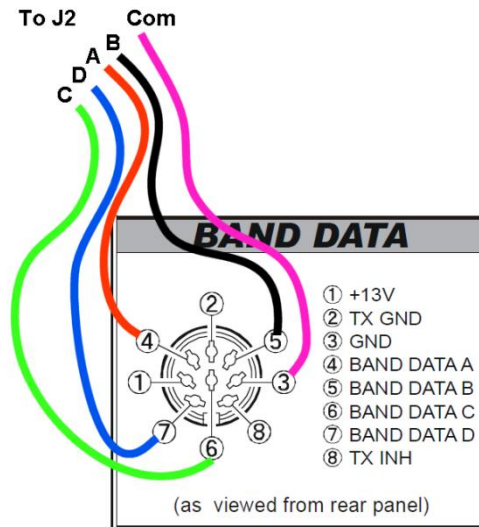
Your Color Code May Vary

(Use separate power sources to help with isolation)

K3

ACC Connector (female, on KIO3 panel, viewed from the back of the K3)

K3 PIN	14	9	3	13
Band	BAND3	BAND2	BAND1	BAND0
160 m	0	0	0	1
80 m	0	0	1	0
60 m	0	0	0	0
40 m	0	0	1	1
30 m	0	1	0	0
20 m	0	1	0	1
17 m	0	1	1	0
15 m	0	1	1	1
12 m	1	0	0	0
10 m	1	0	0	1
6 m	1	0	1	0



FT-5000