

Kenwood TK90 - SC51 modifications

SC51 pin	Wire Colour	TK90 Connection point	Board	Board Location
1	Brown	Point "G"	Tx/Rx	C 2
2	Red	Junction of C485, C504, Q460	Tx/Rx	H 7
3	Orange	Not used		
4	Yellow	Not used		
5	Green	Not used		
6	Blue	Not used		
7	Violet	Not used		
8	Grey	Not used		
9	White	CN9 pin 8 (DPTT)	Tx/Rx	I 2
10	Black	CN10 pin 2 (DI)	Tx/Rx	H 3
11	Brown	CN18	Display	C 9
12	Red	IC521 pin 8	Tx/Rx	J 7
13	Orange	CN10 pin 3 (DEO)	Tx/Rx	H 3
14	Yellow	CN14 (Must remove R21 - location C 9)	Display	C 9
15	Green	V+	Tx/Rx	C 5
16	Blue	CN17	Display	B 9

If you are using a Kenwood KMC-32 (or similar) microphone, then R21, on the display board, must be removed to allow control of the SC51.

Radio must be configured as No Selcall, No Keypad Microphone.

Check the links on the SC51 board are set to your requirements.