

KENWOOD TK940 INTERFACE

This document contains instructions for interfacing the 20-28 to the Kenwood TK940 radio. The following items are included in the Kenwood TK940 interface kit:

1. Kenwood TK940 to 20-28 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the Kenwood TK940 radio to the 20-28:

1. Connect the DB-25 end of the Kenwood TK940 interface cable to the DB-25 connector on the back of the 20-28.
2. Connect the molex end of the Kenwood TK940 interface cable to the molex connector on the radio's accessory pigtail cable.
3. Configure the following 20-28 base board jumpers as indicated:
 - JP9: Shorted
 - JP10: Not shorted
4. Configure the remaining jumpers based upon system requirements. The audio level adjustments will also need to be checked.

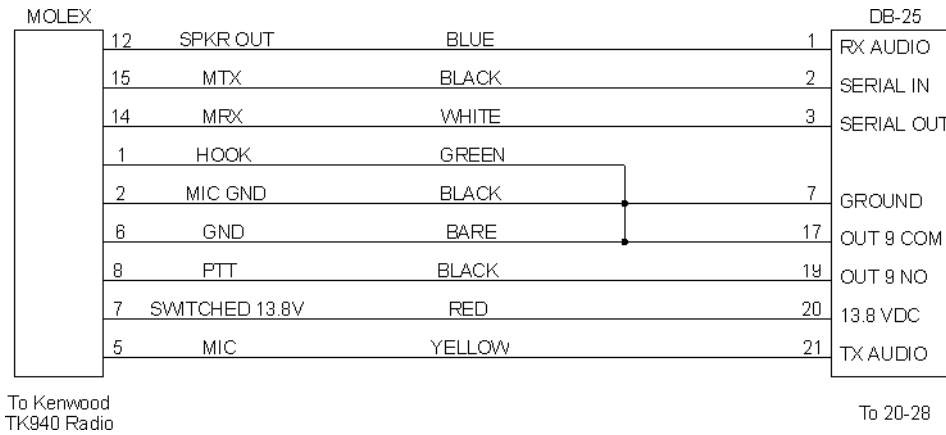
The microphone hook status will always be on hook when using the supplied cable. Follow the steps below if it is desired to control the hook status from the remote.

1. Disconnect the green wire from pin 17 on the DB25 connector. This wire controls the hook status of the radio.
2. Connect the green wire to any unused output pin on the DB25 connector.
3. Program the remote's On Hook and Off Hook buttons to a momentary command and assign each a command number. This is changed from the 'Edit Buttons' item under the 'Remote' menu in the programming software.
4. Program the panel to set the hook status output to Inactive for the On Hook command number used on the remote, and Active for the Off Hook command number. This is changed from the 'Edit Commands' item under the 'Panel' menu in the programming software.
5. Program the panel's hook status output to Active High. This is changed from the 'Edit Outputs' item under the 'Panel' menu in the programming software.

CAUTION: Do not program the 20-28 with jumpers JP7 and JP8 on the base board shorted. See manual for further information.

Kenwood TK940 Interface (cont.)

Kenwood TK940 Interface Cable



Kenwood TK940 Interface Cable Kit 106-KEN27CBL

Item	Description	Part No.	Qty.
1	DB25 CONNECTOR MALE	231-0005	1
2	SCREW/CLIP KIT	231-0014	1
3	4-40 X 1/2 SCREW	199-4035	2
4	DB25 COVER ASSEMBLY	231-0015	1
5	MOLEX MALE PIN	231-0034	9
6	15 POS MOLEX CONNECTOR	231-0054	1
7	5 PAIR SHIELDED CABLE	800-1108	1'