

Kenwood TK-930 Interface

The following items are included in the Kenwood TK-930 interface kit:

1. Kenwood TK-930 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the Kenwood TK-930 radio to the Trakit-20.

1. Set the Trakit-20 up for a bench test and use the AVL Installer program to set the following operating constants in the installer table to the indicated value:

Transmit indicator active:	Low
Receive indicator active:	Low
PTT output active:	Low
Enable Tx indicator as event 2:	No
External output active:	Low
External output mode:	Speaker mute

2. Configure the following jumpers as indicated:

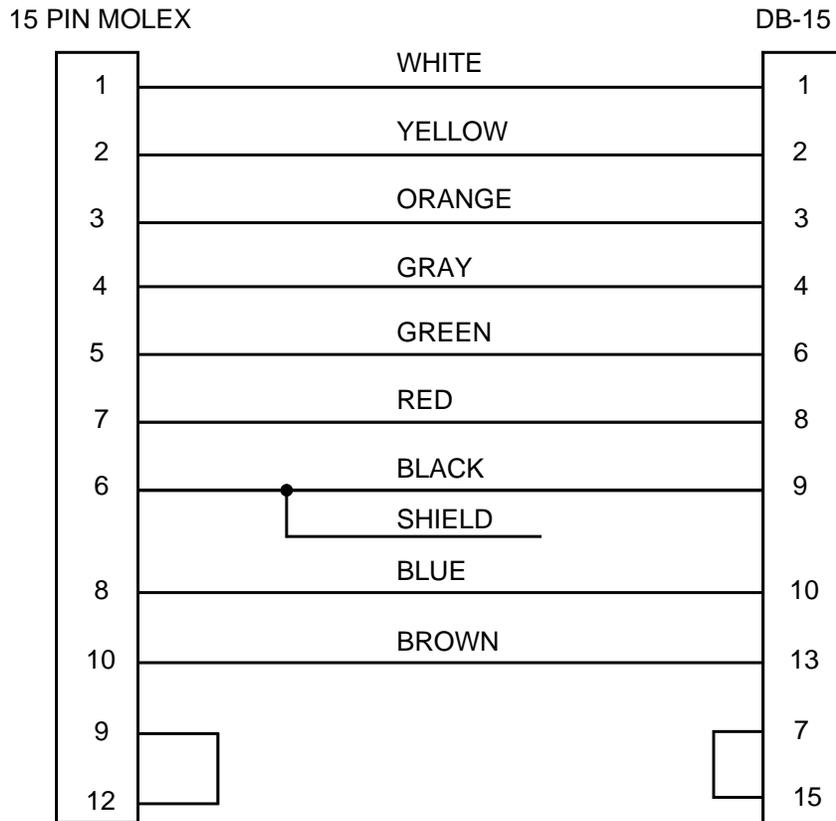
JP1	Removed
JP4	A-B

3. Remove top cover from radio.
4. Locate the accessory cable wires (near CN2), cut the following wires and attach them to locations shown below using wire wrap wire and heat shrink.

Green	IC601 pin 1
Red	IC200 pin 7
Yellow	IC200 pin 8
Brown	IC107 pin 2
White/Green	Jct. C123 & R119
Orange	IC107 pin 6 *install 100K resistor in series with this wire

5. Replace top radio cover.
6. Connect the DB15 end of the Kenwood TK-930 interface cable to the DB15 connector on TRAKIT-20.
7. Connect the 15 pin Molex connector to the Kenwood TK-930 radio.
8. Check the Trakit-20 audio levels by performing the alignment procedures described in the TRAKIT-20 manual.

Kenwood TK-930 Interface (cont.)



Kenwood TK-930 Interface Cable Kit 106-KENTK930

Item	Description	Part No.	Qty.
1	HEAT SHRINK TUBE 3/8	199-6099	1
2	SCREW/CLIP KIT	231-0014	1
3	MOLEX PIN MALE	231-0034	11
4	CONN DB15 MALE	231-0035	1
5	COVER DB15	231-0036	1
6	CONN 15 POS MOLEX	231-0054	1
7	10 COND CABLE	800-1115	1'