

Kenwood TK-805 Interface

The following items are included in the Kenwood TK-805 cable interface kit:

1. Kenwood TK-805 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the Kenwood TK-805 radio to the TrakIt-20.

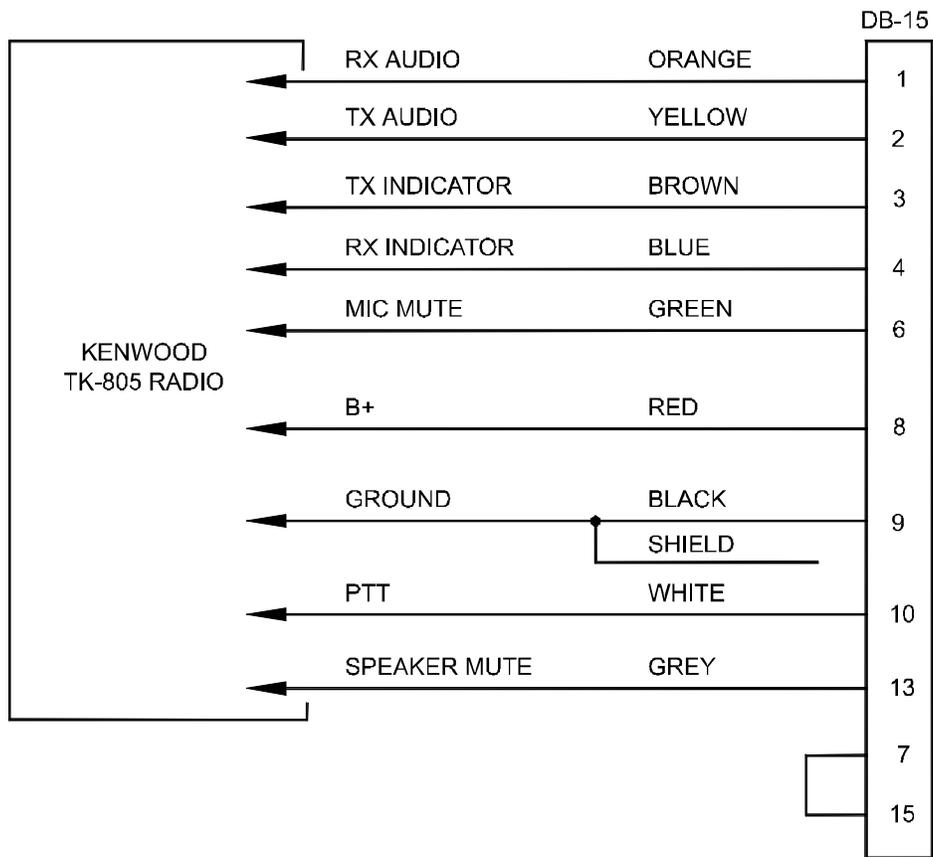
1. Set the TrakIt-20 up for a bench test and use the AVL Installer program to set the following operating constants in the installer table to the indicated value:

Transmit indicator active:	Low
Receive indicator active:	Low
PTT output active:	Low
Enable mic mute gate on transmit:	Yes
Enable Tx indicator as event 2:	No
External output active:	Low
External output mode:	Speaker mute

2. Configure the following jumpers as indicated:

JP1	In
JP4	A-B

3. Remove Kenwood TK-805 radio top cover and raise the power wires out of the slot in the back of the radio. Insert the Kenwood TK-805 interface cable below the power cable with a tie strap for strain relief.
4. Solder the ORANGE wire to CN4 pin 5.
5. Solder the YELLOW wire to collector of Q11.
6. Solder the BROWN wire to CN3 pin 5.
7. Solder the BLUE wire to CN4 pin 7.
8. Solder the GREEN wire to CN2 pin 6.
9. Solder the RED wire to J201 pin 1.
10. Solder the BLACK wire to the ground where the black power supply wire is connected to the board.
11. Solder the WHITE wire to J201 pin 3
12. Solder the GREY wire to collector of Q4
13. Align TrakIt-20 levels as described in TrakIt-20 manual.



Kenwood TK-805 Interface (cont'd)

KENWOOD TK-805 INTERFACE CABLE KIT

Item	Description	Part No.	Qty.
1	CABLE TIE (SHORT)	200-0081	1
2	SCREW/CLIP KIT	231-0014	1
3	CONN DB15 MALE	231-0035	1
4	COVER DB15	231-0036	1
5	10 COND CABLE	800-1115	2'