Kenwood TK-790/890 Interface

The following items are included in the Kenwood TK-790/890 interface kit:
1. Kenwood TK-790/890 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the Kenwood TK-790/890 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:	High
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:
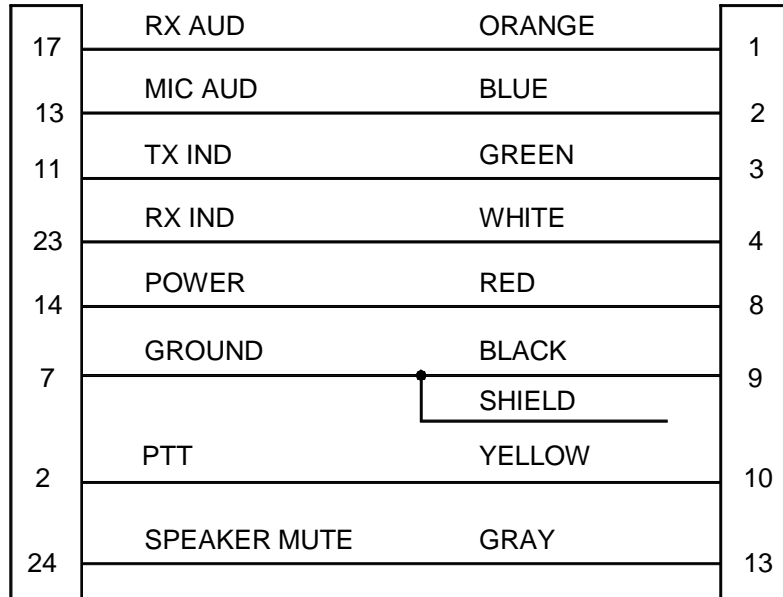
JP1	Removed
JP4	A-B
D2	Removed

3. Program pin 2 of the radio's DB25 accessory connector for PTT.

4. Short the switched B+ jumper pads in the radio to get switched B+ out to the accessory connector.

5. Connect the DB15 end of the Kenwood TK790/890 interface cable to the DB15 connector on the back of the TRAKIT-20.

6. Connect the DB25 end of the Kenwood TK790/890 interface cable to the DB25 connector on the back of the Kenwood TK790/890 radio.

7. Check the TRAKIT-20 audio levels by performing the alignment procedure described in the TRAKIT-20 manual.

Kenwood TK-790/890 Interface (cont.)

KENWOOD TK 790/890
DB-25 Accessory Connector

DB-15

DB-25 Pin	Signal	Color	DB-15 Pin
17	RX AUD	ORANGE	1
13	MIC AUD	BLUE	2
11	TX IND	GREEN	3
23	RX IND	WHITE	4
14	POWER	RED	8
7	GROUND	BLACK	9
		SHIELD	
2	PTT	YELLOW	10
24	SPEAKER MUTE	GRAY	13

Kenwood TK-790/890 Interface Cable Kit
106-KENTK790

Item	Description	Part No.	Qty.
1	CONN DB25 MALE	231-0005	1
2	SCREW/CLIP KIT	231-0014	2
3	COVER DB25	231-0015	1
4	CONN DB15 MALE	231-0035	1
5	COVER DB15	231-0036	1
6	CABLE 10 COND. 24 AWG	800-1115	2'