

KENWOOD TK880 INTERFACE

This document contains instructions for interfacing the 20-28 to the Kenwood TK880 radio. The following items are included in the Kenwood TK880 interface kit:

1. Kenwood TK880 to 20-28 interface cable assembly.
2. Instruction sheet.

The following steps outline the procedure for interfacing the Kenwood TK880 radio to the 20-28:

1. The Kenwood TK880 radio firmware must have the checksum [1DAF]. Consult the radio manual to determine the installed firmware version.
2. The following modifications must be made to the radio:
 - Resistor R94 (0 ohm) removed
 - Resistor R24 (0 ohm) installed
3. The radio must be programmed with the COM 1 (Internal Port) set to REM optional features menu in the Kenwood radio programmer.
4. Connect the DB-25 end of the Kenwood TK880 interface cable to the DB-25 connector on the back of the 20-28.
5. Connect the molex end of the Kenwood TK880 interface cable to the molex connector on the radio's accessory pigtail cable.
6. Install (short) jumper JP3 on the 20-28 base board.
7. Configure the remaining jumpers based upon the system requirements. The audio level adjustments will also need to be checked.

Kenwood TK880 Interface Cable



Kenwood TK880 Interface (cont.)

**Kenwood TK880 Interface Cable Kit
106-28KEN880**

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	6
6	15 POS MOLEX CONNECTOR	231-0054	1
7	CBL 6 COND/22 AWG	800-1112	1'