

KENWOOD TKX180, TK5X10, NEXEDGE INTERFACE

This document contains instructions for interfacing the 20-28 to the Kenwood TKx180, Kenwood TK5x10, or Kenwood NEXEDGE radio. The following items are included in the Kenwood TK8180 interface kit:

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

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

1. The radio must be programmed as follows:
 - Set the function of COM port 2 to 'Data' and the polarity to 'Normal'.
 - Set the display character to Zone-CH/GID Number
 - Set the 'PC Interface Protocol' to Version 2.
 - Enable 'J Command Serial Output'.
 - Enable the serial input data override setting.
 - Modulation Line 'MIC PTT' connected to the 'MI2 Line'.
2. Connect the DB-25 end of the interface cable labeled '20-28' to the DB-25 connector on the back of the 20-28.
3. Connect the DB-25 end of the interface cable labeled 'Radio' to the DB-25 connector on the back of the radio.
4. **VOIP models only:** Remove jumper JP 5. Set SW1 to position A.
5. Configure the remaining jumpers based upon the system requirements.
6. **Important Note:** The radio microphone should be disconnected from the radio while the 20-28 is operating. Because the radio microphone element is active, it may interfere with the adjustment of 20-28's audio levels. Placing the radio microphone on-hook may adversely affect the performance of the 20-28.

106-28KN8180 Interface Cable



Kenwood TK8180 Interface Cable Kit
106-28KN8180

Item	Description	Part No.	Qty.
1	DB25 CONNECTOR MALE	231-0005	2
2	SCREW/CLIP KIT	231-0014	2
3	4-40 X 1/2 SCREW	199-4035	2
4	DB25 COVER ASSEMBLY	231-0015	2
5	CBL 6 COND/22 AWG	800-1112	1'