

TK-3130/3131 Tuning Procedure

Before attempting to tune the transceiver, connect the unit to a suitable power supply. Whenever the transmitter tuned, must be connected to a suitable dummy load, unless the instruction specify otherwise. The speaker output connector must be terminated with a 8ohms dummy load at any time during the tuning and connected to an AC voltmeter and an audio distortion meter or a SINAD measurement meter at all the time during the tuning.

1-1 Adjusting Mode

Connect with the Radio and Personal Computer to COMPUTER PROGRAMMING INTERFACE (KPG-75D)

1-2 Tuning Items

- Frequency Adjust
- RF Power
- Standard Battery Voltage
- Squelch Threshold Level (Open)
- QT Deviation (Wide)
- DQT Deviation (Wide)

1-3 Test Mode

Starting Test Mode, select the Tuning Frequency and Signaling.

1-3-1 Open the Program Menu of Window.

1-3-2 Press [T] or use [↓] [↑] keys to Test Mode, then Press the [Enter].

1-3-3 Starting the Test Mode channel and Signaling after Tuning Data Read.

1-3-4 Use [TAB] keys to select channel then use [↓] [↑] keys to select channel number then Press the [Enter].

1-3-5 Use [TAB] keys to select Signaling then use [↓] [↑] keys to select the special signaling number the Press the [Enter].

1-3-6 Press the [Space/ S+ Space] then Transmitter on.

1-3-7 Back to Reception during transmitter use [Space/S + Space] keys.

2-1 Tuning Mode

Starting Tuning Mode from Test Mode.

2-1-1 Use [TAB] keys to select Tuning Mode Selection window.

Tuning Mode Selection
QT Fine Deviation DQT Fine Deviation Squelch Level Battery Indicator Level VOX level

2-1-2 Use [↓] [↑] keys select tuning item [QT Fine Deviation] then press [Enter].

2-1-3 Use [←] [→] keys to adjust the level then press [Enter].

2-1-4 Select tuning item [DQT Fine Deviation] then press [Enter].

2-1-5 Use [←] [→] keys to adjust the level then press [Enter].

2-1-6 Select tuning item [Squelch Level] then press [Enter].

2-1-7 Use [←] [→] keys to adjust the level then press [Enter].

2-1-8 Select tuning item [Battery Indicator Level] then press [Enter].

2-1-9 Use [←] [→] keys to adjust the level then press [Enter].

2-1-10 Select tuning item [VOX Level] then press [Enter].

2-1-11 Use [←] [→] keys to adjust the level then press [Enter].