

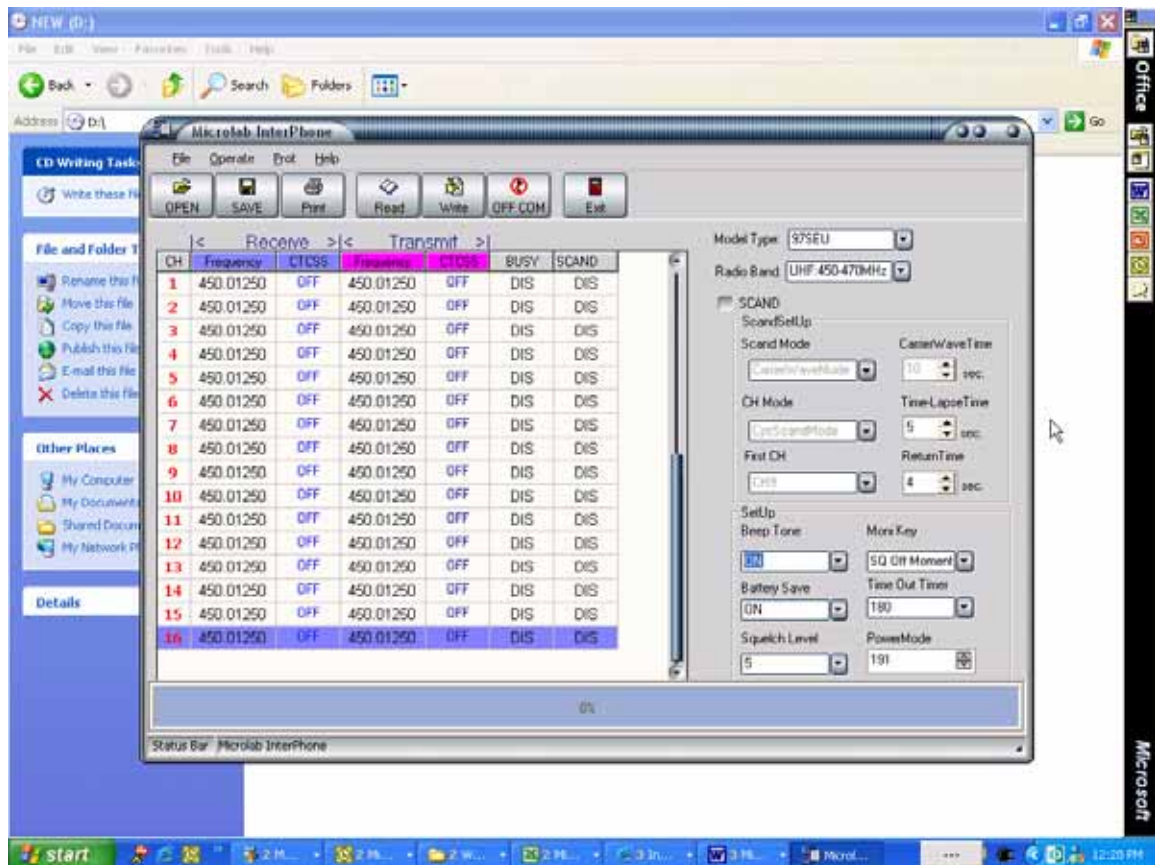
User's Manual for T97SE Programming Software

INSTALLING THE SOFTWARE

Run the file Setup.exe from setup disk or download it from the IASUS Concepts site. Select the directory where you want to install the program.

The default setup directory is "C:\program Files\T-97SE". Click the button "next". Setup.exe will copy all necessary files to the directory that you have selected. A shortcut named "T-97SE" will be created on your desktop. Once the setup is completed, you can run T-97SE to start programming your IASUS radio.

Plug the programming cable into the radio and turn the radio ON. After you run T-97SE. Your screen should look like the following.



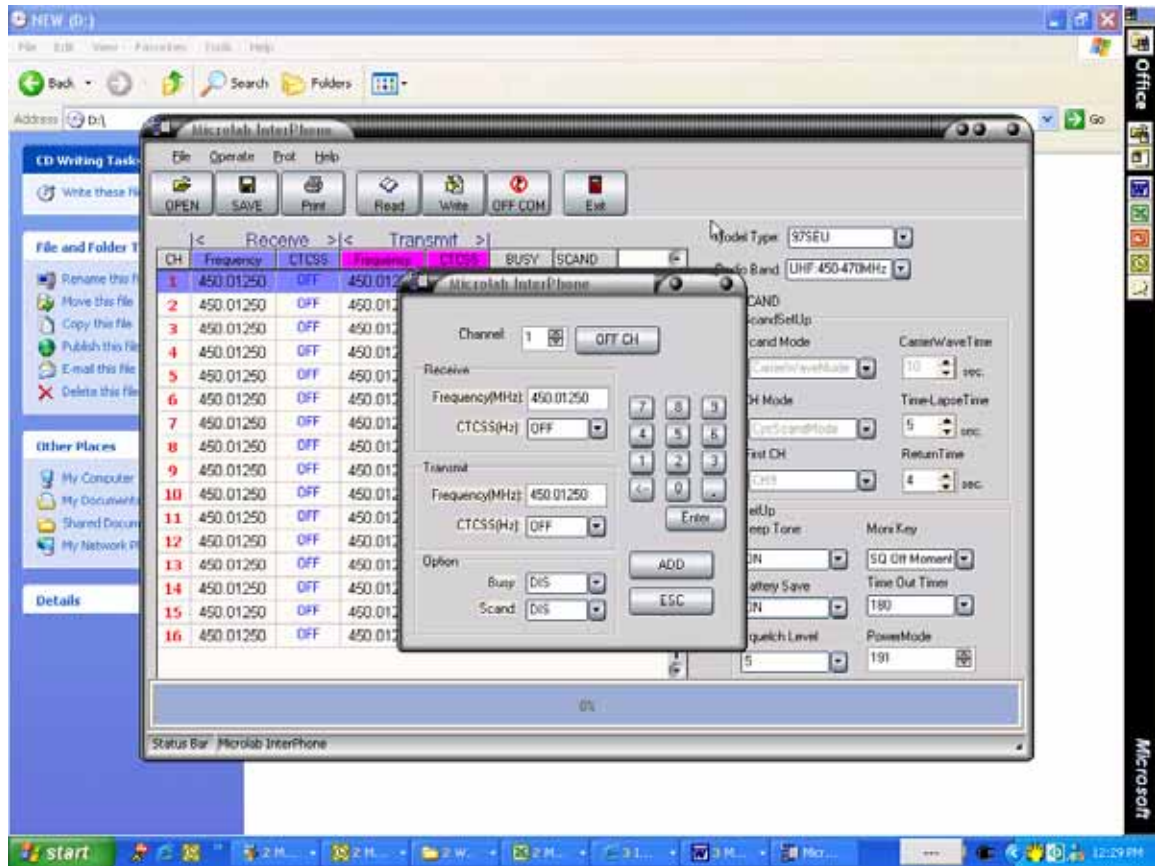
SELECTING THE MODEL

You can change current model by click combo box on the top- right. For most users, the model will not need to be changed. **Caution: Once the model is clicked and changed, all channel data will be cleared and will be filled with the default data for the selected model.**

CHANNELS EDIT

In order to edit any channel data, just click on the desired channel. A screen such as that

below will appear.



WRITING and READING DATA

Select "Write" from the Operate menu or click the button "Write" on the tool bar. A new window will pop up with the particular channel's information. Selecting "Read" from the Operate menu or click the button "Read" on the tool bar will give you the same pop up window. **Note** : A progress bar will be shown after user selects "Write" or "Read". If a communication error occurs during data transfer, make sure the transceiver and PC are connected properly, then select "Read" or "Write" again. Select No to abort.

CHANGING RADIO DATA

Receive frequency

Place the cursor on the first digit of the channel's receiving frequency.

Press and hold [Delete] until the receive frequency is erased. The channel data will be erased.

Key in the desired frequency

Press Enter

Press Write

Transmit Frequency

Place the cursor on the first digit of the channel's transmitting frequency.

Press and hold [Delete] until the receive frequency is erased. The channel data will be erased.

Key in the desired frequency

Press Enter

Press Write

Note: there are only 16 channels and frequencies can only be programmed within a certain range, depending on the radio's model. For US models, the range is from 450MHz to 470MHz. For European models, the range is 430MHz to 450MHz. For some models in the US, only the first 14 channels are set to the FRS frequencies. In Europe, some models only have the first 8 channels set to the PMR frequencies.

QT Decode/Encode

The QT decode choices are available from 67.0 to 250.3Hz

Open the combo box to list all the available codes, and then select the desired code from the list.

Busy select [DIS] or [EN]

TX is inhibited when the channel is busy.

EN : Transmit inhibit while another party is using the channel (frequency). Transmission is only possible when a QT/DQT signal match occurs.

DIS : Transmit enabled regardless of current channel conditions.

The default mode is: DIS.

Communication Port

You can assign the COM1, COM2, COM3 or COM4 port to program the transceiver.

Changing the COM port hardware configuration may be necessary to run the T-97SE programming software. Check your PC manual for information on changing the hardware configuration.

Optional Features

Time Out Timer (TOT)

You can set the maximum period of time that the transceiver is allowed to transmit continuously. When the programmed time expires, the transceiver generates a warning (beep) tone and stops transmitting.

Range: Off, 30 to 300 seconds (in steps of 30 sec.)

Default: 60 seconds

Note: If Beep Tone is set to off, after TOT is reached, no warning tone will be generated but radio will still stop transmitting.

Squelch Level

Squelch Level is an analog reference level number that the radio's CPU uses to set the internal squelch threshold. You can preset the squelch level. The squelch level can be adjusted when you are in the user mode.

Range: 0(Open) to 9(Tight) (in steps of 1)

Default: 1

Wide/Narrow

Sets either wide or narrow bandwidth for the transceiver.

Wide : Wide bandwidth

Narrow : Narrow bandwidth

Default: Wide

Beep Tone

The Beep Tones is for Power ON and warning Tone (TOT tone, Busy Channel Lockout tone) are enabled or disabled by the FPU.

Yes: Enable the Beep Tones.

No: Disable the Beep Tones.

Default: Yes.

Battery Save

Battery Save becomes active when carrier is not detected. The receiver circuit power is toggled ON and OFF to prolong battery life, except in Scan mode.

Check: Activates Battery Save

Uncheck: Deactivates Battery Save

Default: Activates (Check)

Note: The transceiver will enter Battery Save after about 10s if there is no operation or no carrier detected.

Key Assignment

The Monitor (Moni) key can be re-assigned to any of the following.

Monitor Toggle

When this key is pressed once, the "-" icon lights and squelch unmutes if a carrier is present, regardless of the specified Signaling (including Option Signaling). If pressed again, the "-" icon turns off and squelch mutes.

Note: If you press this key while Option Signaling is matched, Option Signaling is reset.

Monitor Momentary

While pressing this key, "-" appears and the squelch unmutes if a carrier is present, regardless of the specified Signaling (including Option Signaling). If released, "-" disappears, and the squelch mutes.

Note: If you press this key while Option Signaling is decoding, Option Signaling is reset.

Squelch Off

Press this key to force the squelch to unmute. The "-" icon appears on the LCD and the BUSY LED (Green) lights. If this key is released, the squelch mutes and "-" disappears. Also, the BUSY LED (Green) turns off.

Note: If you press this key while Option Signaling is decoding, Option Signaling is reset.

Changing Transmit power

Select power mode [1]—[255]. The transmit power ranges from 0.1 watt to 5 watts in a scale from 1-255. Select the desired power and follow the "Write to radio" instructions