

PRO-92 500-Channel Portable Trunking Scanner

ADDENDUM — Please read before using this equipment.

ADDENDUM FOR OPTIONAL ENHANCEMENT VERSION

This addendum describes the changed operations of your scanner.

Monitoring/Identifying Talk Groups

For EDACS and Motorola (above 806 MHz range) trunking systems, the scanner monitors the control channel between each transmission to identify talk groups. For some Motorola (under 512 MHz range) and LTR systems, the scanner uses the subaudible data sent with each transmission to identify talk groups.

Locking Out Data Channels

If you are scanning VHF and UHF trunking frequencies under the 512 MHz range using subaudible data and are not using a base frequency and offset, lock out all data channels. See "Locking Out Channels or Frequencies" on Page 48. Turn off the scanner to remove the lockouts.

Receiving Motorola Trunking Systems in the UHF-Lo Band

You can program the scanner to receive transmissions in the UHF-Lo band (380–512 MHz) of the Motorola trunking system. You can receive these transmissions by:

- Checking the trunking system's control channel. You must program the system's base frequency and offset frequency to do this.
- Decoding the subaudible data transmitted with the signals. When you do this, the scanner might detect wrong IDs, but you can easily receive trunking frequencies without programming the base and offset frequencies.

Notes:

- Base and offset frequencies vary for each type of trunking system. You can get information about these frequencies for the trunking system you want to scan using www.trunkscanner.com, other Internet sources, or locally published guidebooks.
- The scanner automatically decodes subaudible data it receives in the VHF band.
- If you try to enter an offset frequency in the VHF and UHF-Hi bands (137 to 174 and 806 to 960 MHz), the scanner will ignore the entry.

Programming Motorola Trunking Frequencies in the UHF-Lo Band

1. Select the bank, then press **PGM** to enter the program mode.
2. Store the base frequency into channel 00 of the bank you selected, then store the trunking frequencies into subsequent channels in the same bank (see "Storing a Frequency While Searching for a Specified Channel" on Page 42).

Note: You must store frequencies using the subaudible trunking method in banks mode by mode.

3. Press **TRUNK** then repeatedly press **MODE** to select **MO** (Motorola).
4. Press **FUNC** then **9.12.5 kHz** (the default offset frequency) appears.
5. Repeatedly press **FUNC** then **9** to select the offset frequency you want (**12.5 kHz**, **25.0 kHz**, or **50 kHz**).

Note: Offset frequencies above 50 kHz do not appear and are used only for subaudible decoding mode.

6. Program the trunking frequencies (see "Programming Trunking Frequencies" on Page 58).

Setting Squelch for Trunk Scanning

Your scanner automatically mutes the audio during trunk scanning when it decodes control channel data. However, we recommend you turn **SQUELCH** clockwise and leave it set to a point just after the hissing sound stops. This lets the scanner quickly acquire the data channel.

Using an Optional PC Interface Kit

You can increase the number of preprogrammed frequency ranges your scanner can receive (up to 100) using an optional PC interface kit (available at your local RadioShack store).

Using the Supplied Clone Cable

You can transfer the programmed data to and from another RadioShack Cat. No. 20-522A or Cat. No. 20-196 scanner using the supplied clone cable.

Pausing on a Frequency

To pause on a frequency, press **FUNC** then **TUNE** when the scanner stops on the frequency, or turn **SQUELCH** counterclockwise.

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Changes to “Clearing All Lock Out Frequencies in a Search Bank” on Page 50 of your Owner’s Manual

- Step 1 should read “Press **FUNC** then press **SEARCH**. “
- Step 2 should read “Select the search bank from which you want to clear all locked-out frequencies using ▲ or ▼.
- Please add “Press **SEARCH** to continue searching” as Step 4.

Changes to “Changing the Frequency Step” on Page 54 of your Owner’s Manual

- Step 3 should read “Turn **SQUELCH** fully counterclockwise until the indicator points to **MIN**” instead of “Press **FUNC** then **STEP**.”
PAUSED appears on Line 3.
- Step 5 should read “Turn **SQUELCH** clockwise and leave it set to a point just after the hissing noise” instead of “Press **FUNC** then **STEP** to return to scanning.”

Digital Weather Alert Feature

This feature supercedes “Weather Alert Feature” on Page 47 of your Owner’s Manual.

The weather service precedes each weather alert with a digitally-encoded SAME signal, then a 1050 Hz tone. You can set the scanner so, if you are monitoring a weather channel with a digitally-encoded SAME signal when an alert is broadcast, the scanner will decode and display the SAME message, showing the type of alert being broadcast (or **Unknown Message** if it does not recognize the event code).

To set the scanner to decode and display SAME messages, press **FUNC** then **WX** while you listen to the weather channel. **DIG WX STBY** and **Cancel: F+WX** appear.

To turn off SAME standby mode, press **FUNC** then **WX**. **DIG WX STBY** disappears.

Notes:

- The scanner does not display the actual location referenced by SAME messages. It uses only the message portion of the SAME signal.
- Your scanner can also receive weather alert tones (see “Priority” on Page 51).