Desktop Radio Scanner

Quick Start Guide

Step 1: Power Your Scanner

Insert the supplied AC adapter's barrel plug into the power jack on the back of the scanner. Plug the adapter into a standard household outlet that supplies 120V AC, 60Hz. Do not plug the adapter into a switch-controlled outlet.

Installing Batteries

DC 12V Jack

1. Remove the battery compartment cover.
2. Insert three AA batteries (not included) into the battery compartment, matching the polarity symbols (+ and –) marked inside.
3. Replace the cover.

Step 2: Install Antenna

Attach the supplied antenna to the scanner by aligning the arrow on its base with the tab on the scanner's BNC connector and then pressing into place.

Always use 50-ohm coaxial cable, such as RG-58 or RG-8X, to connect an outdoor antenna. For lengths between 50 and 100 feet, use RG-8X low-loss dielectric coaxial cable. For lengths over 100 feet, use RG8. If your antenna's cable does not have a BNC connector, your local RadioShack store carries a variety of BNC adapters.

Step 3: Scan Preprogrammed Channels

Your scanner is preprogrammed with 150 frequencies stored in banks 0-7. To begin scanning these frequencies:

1. Turn **SQUELCH** fully counterclockwise.
2. Press and hold **POWER** to turn on your scanner. Turn up the volume until you hear a hissing sound.
3. Turn **SQUELCH** clockwise until the hissing stops.
4. Your scanner should begin scanning the preprogrammed channels.

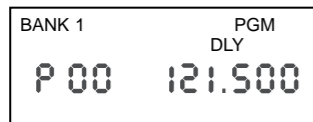To listen to a weather transmission, press the **WX/🔊** key.

The scanner begins scanning the preprogrammed weather frequencies.

If you are near a NOAA weather station, you should hear weather information.

Step 4: Programming, Searching, and Scanning

Programming Frequencies into Channels

1. From Scan Mode, press **SCAN/MAN** to stop scanning.
2. Press **ENT/PROGRAM** to put the scanner in programming mode. PGM appears.
3. Use the number keys to enter both the channel storage bank and the channel number you want to assign to a frequency.
4. Press **SCAN/MAN**.

```
BANK 1              PGM
                    DLY
P 00    121.500
```

Example shows entering bank 1 channel 00.

5. Use the number keys to enter the frequency, pressing •**/CLR/DELAY** for the decimal point.
6. Press **ENT/PROGRAM** to store the frequency into the channel.
7. To program the next channel in sequence, press ▲ or ▼ and repeat Steps 5 and 6.

If you do not have a list of frequencies in your area, refer to www.radioreference.com or use a fine tune or service search.
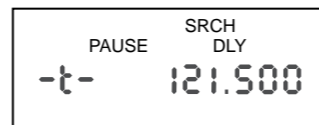
Fine Tune Search

You can search up or down from the currently displayed frequency using a fine tune search. Searching stops when a transmission is found and resumes after the transmission ends (searching resumes after two seconds if delay is on).

1. When the frequency you want to start from appears, press **SRCH**.
   Or, from search pause mode, enter a frequency using the number keys, then press **SRCH.**
   Note: *If you enter an invalid frequency, the scanner beeps and displays* Error.
2. SRCH, PAUSE, and -t- appear.

```
              SRCH
PAUSE         DLY
-t-     121.500
```

3. Press ▼ or ▲ to move up or down one frequency step. Or press **SRCH** to start the fine tune search.
4. Press ▼ or ▲ to change search direction.
5. Press **PSE** to pause the search.

Storing Frequencies Found During a Search

1. Press **PSE** at the frequency you want to store.
2. Press **ENT/PROGRAM** to enter programming mode.
3. The screen flashes, alternating between the smallest empty channel number, 000.000, and the frequency you want to store.

```
BANK0123456789        PGM

01    92.500
```

4. If you want to change the bank, enter the bank number using the number keys.
   Note: *If there are no empty channels, the scanner selects the first channel in the bank.*
5. If you want to change the channel, Press ▼ or ▲.
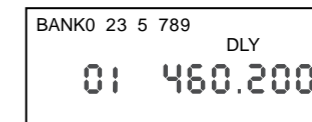6. Press **ENT/PROGRAM** to store the frequency or •**/CLR/DELAY** to cancel.
   Note: *If the same frequency already exists on another channel, the scanner beeps and displays that channel. Press* •**/CLR/DELAY** *to cancel, or press* **ENT/PROGRAM** *to store the frequency in both channels.*

Scanning Stored Channels

Press **SCAN/MAN** to begin scanning your programmed frequencies. SCAN scrolls across the display and the scanner scans through all non-locked channels in the activated banks.

Select any combination of banks to scan by pressing the corresponding number keys. The bank numbers appear at the top of the display. The bank number which is currently being scanned blinks.

When the scanner finds a transmission, it stops on it. When the transmission ends, the scanner resumes scanning. If it is a long transmission and you want to move on, press ▲ to resume scanning.

```
BANK0 23 5 789
                    DLY
01    460.200
```

If you press **PSE** when the scanner stops on a transmission, the scanner goes to manual mode. Press **PSE** or **SCAN/MAN** to resume scanning.