



SPOT Quick Start Guide

Simple, Portable, Open Telemetry

Welcome to SPOT

For full details on configuring and using **SPOT**, please refer to the [SPOT User Manual](#).

Memory Channels and Lists

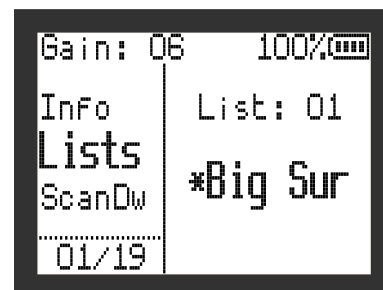
- SPOT stores up to 200 tags in memory. Each tag has its own channel. When using channels stored in memory, you are in Memory mode.
- Because you will often want to focus on only some of these tags, **SPOT** lets you organize subsets of channels into **Lists**. You can have up to 16 named lists. Each channel can be in zero or more lists.
- There is also a built-in list named **ALL** that contains every channel.
- To ensure you are in Memory mode, look directly below the word “Gain” in the top left corner of the display. If it says **FREQ**, press **F3** to switch to Memory mode.



Lists, Channels, and Tags

Selecting Active Lists

- Press **M** to enter the menu system.
- Use the **W** / **V** keys to navigate to the **LISTS** item, then press **M** to select it. You'll see the name of a list on the right of the screen. If it has an asterisk next to it, it is active.
- Press **M** to toggle the asterisk on/off.
- Use the **W** / **V** keys to scroll through the lists.
- Repeat the process until you have selected the lists you want to focus on, and deselected any others.
- You may alternatively choose **ALL** to include all memory channels.



Navigating Channels

- Use **W** / **V** to move through channels in the active lists.
- To go directly to a channel, enter its channel number using **0-9**, then press **M** to enter it (e.g. **2-3-M**).

Navigating Tags

- Tap **F9** or use the menu to set **TagMd** to **TAG**. The channel number on the display will be replaced by a tag number. The word **Tag** will appear just below it.
- Use **W** / **V** to move through tags in the active lists.
- Enter a tag number, up to 4 digits, using **0-9**, then press **M** to jump to that tag (e.g. **4-6-M**).

Automatic Scanning

To have the receiver automatically advance through channels/tags in your active lists, tap the **Scan** button. Other scanning shortcuts are given below.

Fine-Tuning a Stored Channel

You may find a faint signal whose pitch sounds off compared to normal. You may need to fine tune the frequency to get a better hit. To do so:

- Press **F8** to enter **Adjust** mode. The word **Adjust** will appear directly above the channel name.
- Use **▲ / ▼** to tune up or down by the current step size.
- Press **F8** again to save the adjusted frequency or press **EXIT** to discard the adjustment.

RF Gain

- Increase RF gain (using **F1**) when signals are weak or distant.
- Decrease RF gain ((using **F2**) when signals are strong or non-localized.
- Reduce RF gain as the distance to the tag decreases.

Display At a Glance

- The top line shows the RF gain setting and battery level.
- The second line shows the channel number (**C009**) and the step size (**0.50**).
- The next line shows the channel name (**209 Rasca**)
- The larger center area displays the frequency (**151.327₅₀**)
- The next line shows the power level and a signal strength meter. If a steady signal has been detected, a beats per minute reading will be shown (**~60**)
- The bottom line shows the current list, and how far into the list we are; e.g. **Big Sur 3/70**. That means we are on the 3rd channel out of 70 in the list named Big Sur.
- In **Tag Search** mode the display changes slightly. The channel field is replaced by the tag number, and the word **Tag** appears on screen to show tag navigation mode. In **Adjust** mode, the word **Adjust** will be shown directly above the channel name.



Common Actions

Automatic Scanning	Ad Hoc Mode	Shortcuts
• Start/Stop: Scan • Stop scanning, but return to the starting channel: EXIT • Use the OnHit menu item to control whether scanning automatically pauses when a signal is detected. • Use the DWELL menu item to control how long to spend on each channel.	• Enter Ad Hoc mode: long press 5 • Enter the tags: • 209M • 334M • 1186M • Use the list: Navigate as usual with the ▲ / ▼ keys and/or use the Scan function. • Exit Ad Hoc mode: long press 5	• F1: copy current channel's frequency into frequency mode. • F2: Ping-pong between the two most recent channels. • F3 or PTT: Switch between Memory and Frequency mode. • F8: Enter or save Adjust mode . • F9: Switch between Channel mode and Tag mode.

NOTE: The key sequence **F#**, for example **F5**, means press **F** then press **5**. A long press of a number key is equivalent to using the **F#** key. For example, a long press of **5** is equivalent to **F5**.