

Scanner On-Site Installation

Introduction:

This document details the on-site installation procedure for the following scanner models:

Whistler WS-1065
GRECOM PSR-600
Radio Shack Pro-197



The scanner is used by the Revcard software to monitor the trunking system's control channel data. It is through this data that the Revcard system obtains the radio system metadata (call type parameters, group IDs and radio IDs). The scanner sends the data to the Revcard system through the provided USB cable.

Setup

- 1) Place or mount the scanner near the Revcard recorder computer. Use the provided bracket to mount the scanner or simply place the scanner on a shelf or other safe nearby location.
- 2) Plug the provided antenna on the rear of the scanner and extend the antenna's length. In most cases the provided antenna will work well. In some situations an external antenna may be required for good reception.
- 3) Plug the supplied power transformer into a power outlet and the wire into the back of the scanner.
- 4) Use the provided USB cable to connect the scanner to a USB port on the Revcard recorder server. Any USB port on the server may be used. In some cases a front panel or a rear panel port may be preferred. **The round cable plug is inserted into the front of the scanner into the PC/IF port. There are two similar ports, please make sure to utilize the port labeled PC/IF.**



- 5) Later using a remote connection, Revcord will install the necessary driver to communicate with the scanner.
- 6) NOTE: Control channel frequencies are not programmed into the scanner. No scanner data programming is required to enter or utilize specific control channel frequencies. The frequencies are configured within the Revcord software and automatically downloaded to the scanner as needed.

Antenna:

Control channel reception is critical for proper program operation. The program works best when the decoding of the control channel data is at or near 100%. In most situations, the standard antenna provides a good level of reception and good decoding will occur. However in some situations, a better upgraded antenna may be required. This usually means an external building antenna. In some cases a Yagi, directional antenna, may be needed as an external building antenna. Revcord will advise, based on control channel statistics, if an upgraded antenna is required.