Uniden BCD996P2 Scanner (donated by Dave Grace) – Safety Committee Briefing

📡 What the Scanner Can Do

- Monitors many different radio services: local fire, EMS, police, Coast Guard, marine channels, weather, ham, and GMRS/FRS.
- Receives both analog and digital signals, including the newer P25 Phase II digital systems used by public safety agencies.
- Close Call feature – automatically locks on to nearby strong transmissions.
- Weather alerts – can sound an alarm when NOAA Weather Radio issues an emergency bulletin.
- Large memory – can store tens of thousands of channels, organized into groups that can be turned on or off easily.

📊 What Bands It Covers

- Low VHF (around 25–50 MHz) – some legacy fire and public works.
- VHF High Band (around 150–174 MHz) – common for fire, EMS, and marine channels.
- UHF (400–512 MHz) – law enforcement, EMS, utilities, GMRS/FRS.
- 700/800 MHz – most modern statewide and county digital trunked radio systems (e.g., Oregon State Radio Project).
- NOAA Weather – 162 MHz range.

🧩 What "Trunking" Means (in plain terms)

- In the past, agencies each used a single fixed frequency.
- Today, many agencies use 'trunked' radio systems – like a telephone switchboard that automatically assigns an open line.
- A trunked system uses a pool of frequencies. A computer assigns a free channel for each conversation.
- The Uniden scanner follows these conversations, so you hear the whole exchange even as it hops across different frequencies.
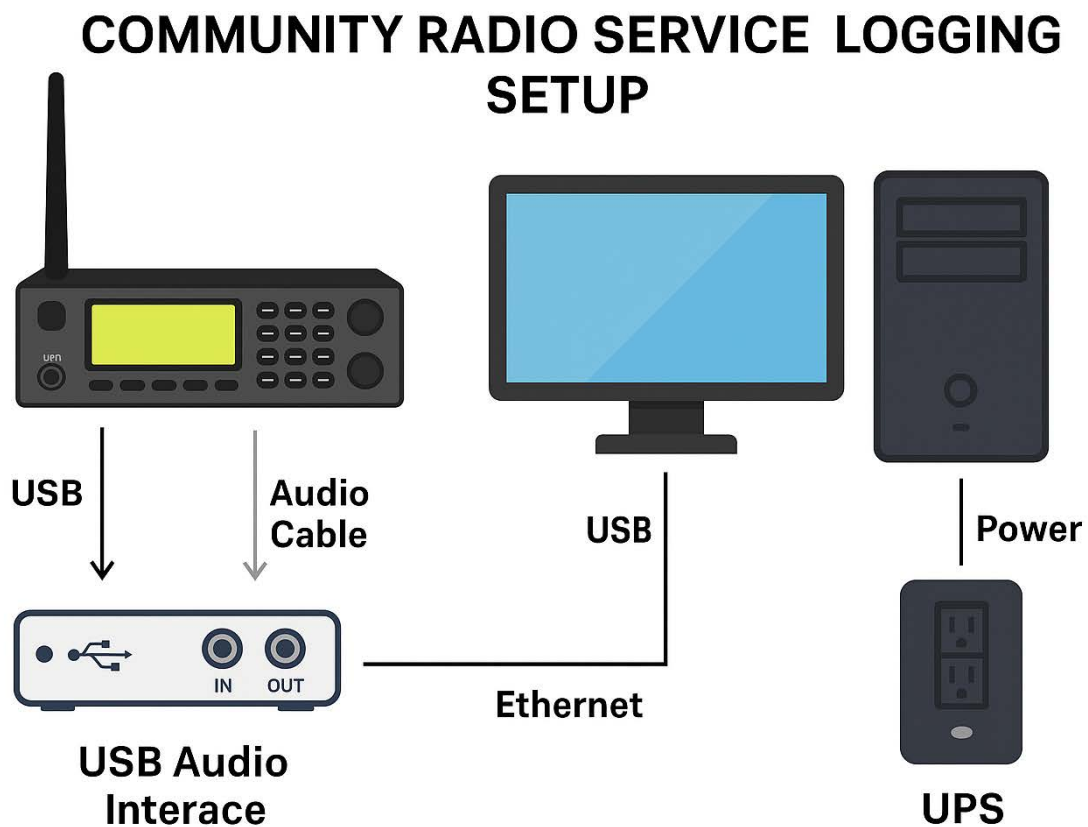
💻 Linking the Scanner to a PC

- Programming: Connects by USB to a Windows computer. With ProScan software and your RadioReference subscription, you can quickly load local fire, police, marine, NOAA, and CRS frequencies.

- Logging & Recording: The PC records every transmission with a time stamp and channel name. Audio can be saved as separate files, each labeled with the date and time.
- This creates a complete record of CRS traffic during an activation.
- The logs and recordings can be used for after-action reports—accurate timelines, who called whom, and what was said.

☑ Why It Helps the Committee

- Gives real-time situational awareness of local agencies and marine safety channels.
- Provides a permanent, time-stamped archive of our own CRS traffic.
- Strengthens after-action reviews by providing an objective record of communications.
- Functions as both a community safety tool and a training resource for future drills.

COMMUNITY RADIO SERVICE LOGGING SETUP

USB

Audio Cable

USB

Power

IN OUT

Ethernet

USB Audio Interace

UPS

Uniden Trunking Scanner Setup with PC