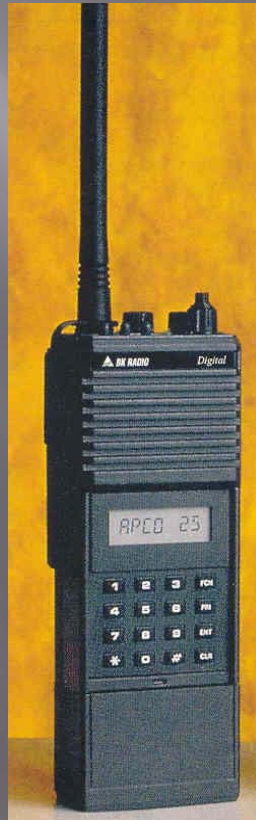


San Diego Fire-Rescue Department

Bendix King Portable Radios



May 2013

San Diego Fire-Rescue Department

Objectives

- ▣ Review basic specifications & features
- ▣ Learn to switch between groups
- ▣ Learn to create and alter a scan list
- ▣ Learn to select a tone

Battery Removal & Installation

- ▣ Lock tab on right side
- ▣ Twist battery 1/4 turn
- ▣ Battery twists 30 degrees
- ▣ Twist either direction



Clamshell versus Rechargeables

- ❑ There should be no rechargeable nicads anymore (out of date)
 - Most apparatuses do not have the chargers
- ❑ Clamshell:
- ❑ Holds 9 AA batteries
- ❑ Batteries need to be changed



Opening A Clamshell

- ▣ Press dot on terminal end
- ▣ Case pops up and out



Battery Capacity

- ▣ Some “older” clamshells may take 10 batteries
- ▣ Do not remove installed spacer
- ▣ Will “Overvolt” and damage the radio



Top Of Radio



Remember, when the toggles are toward the front, the feature is OFF, when the toggles are toward the back, the feature is ON. When programming all features should be in the OFF position

The CQ/Squelch Knob



CQ/Squelch

The CQ-SQ knob is used to set the Squelch, the point where a signal is strong enough to hear it. The knob is also used for turning on CQ (Channel Guard or radio “tone” protection) by turning the knob all of the way counter-clockwise. Do Not ever turn the CQ on (unless directed at incident), as this can result in missed communications traffic.

Common Toggle Configuration and Labeling

Left Toggle

- ▣ LO/HI – NOT USED!

Middle Toggle

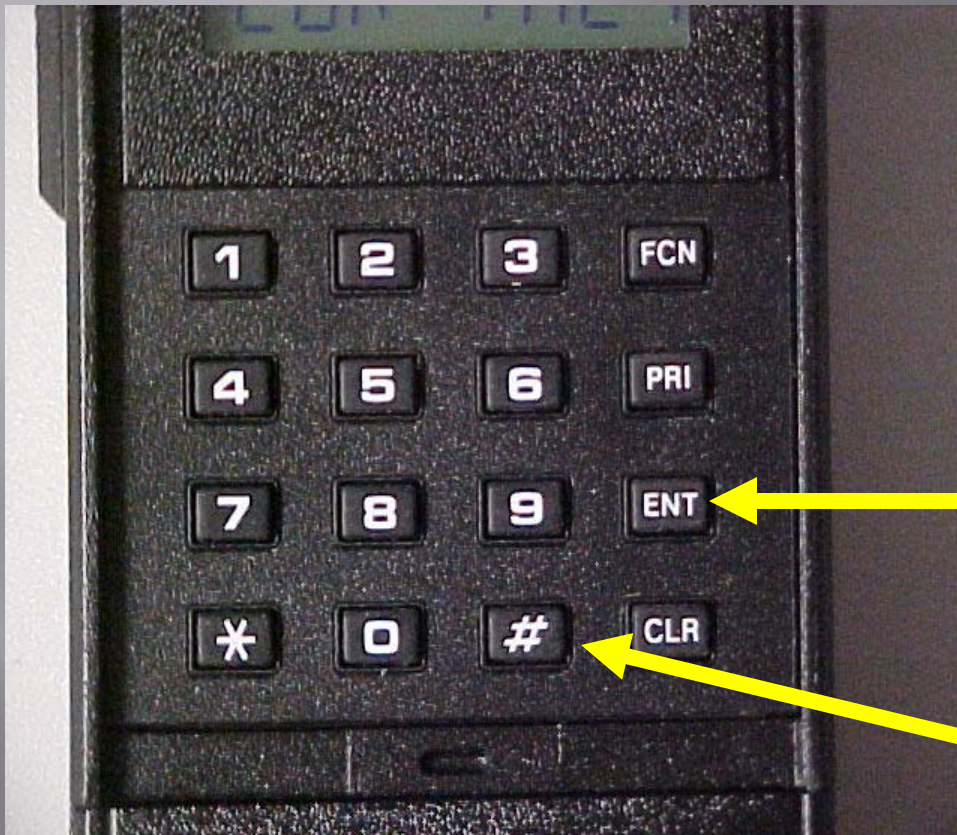
- ▣ SCAN

Right Toggle

- ▣ PRI



Switching Groups

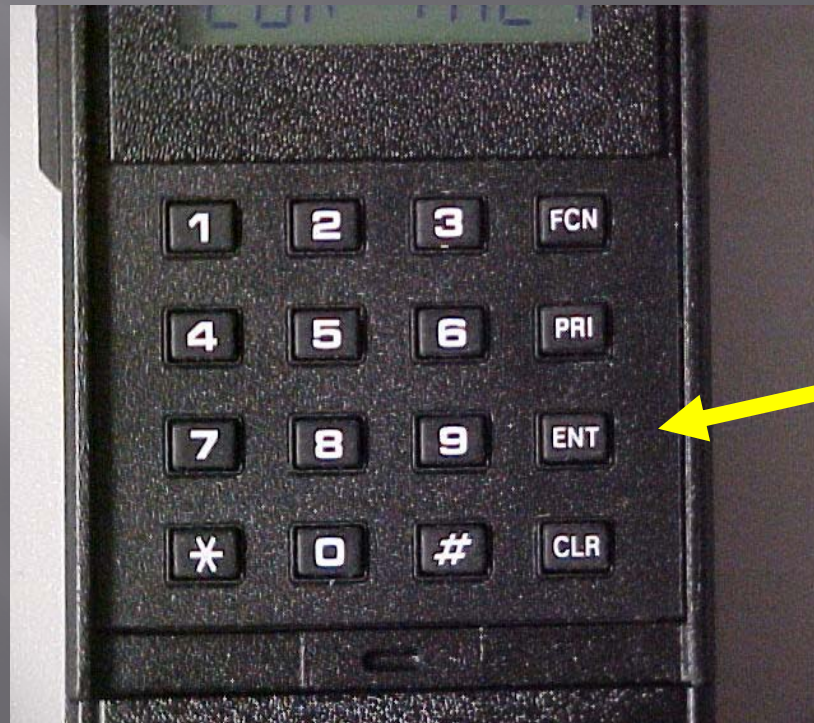


- ▣ Press “#”
- ▣ Enter desired group number
- ▣ Press “ENT” or wait five seconds
- ▣ Press “#” by itself to display the current group.

Adding Channels To A Scan List

Turn off SCAN & PRI

- Switch to desired channel
- Press “ENT” to add to channel list. Beep will sound
- Display will indicate “SCN” above channel description
- To scan to channels in the scan list, turn the SCAN toggle up
- Can’t scan across groups

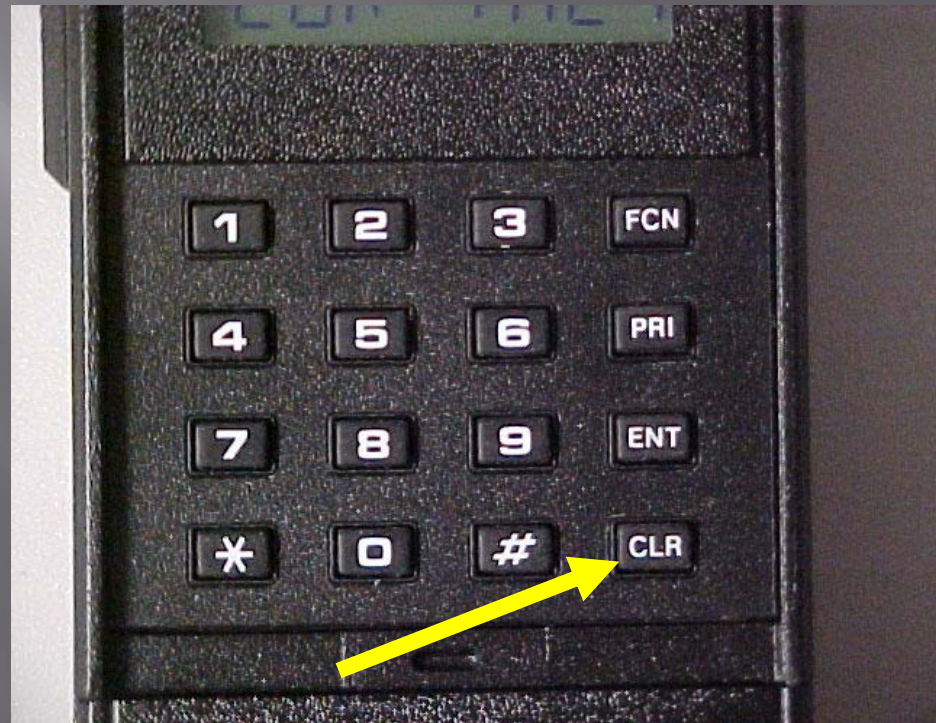


Common incident channels placed in the scan list: Command, Tactical, and Air to Ground

Deleting Channels From A Scan List

Turn off SCN & PRI

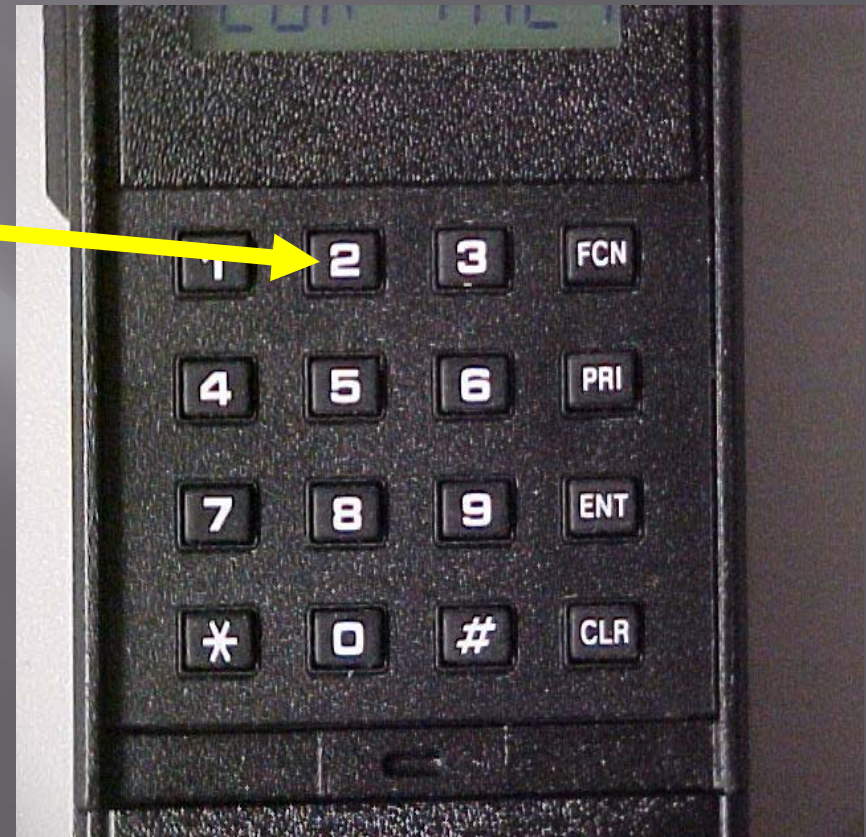
- ▣ Turn channel selector to desired channel
- ▣ Press “CLR” button
- ▣ Channel removed from scan list



Selecting A Tone

Turn off SCN & PRI

- ▣ Press tone number on keypad
- ▣ The letters CG followed with the selected tone number will be momentarily be displayed. This is different than the CG on the squelch knob.



Tones in the BK Radios

- ▣ IMPORTANT (GPH, GPH+, DPH):
- ▣ The tone must be selected **EACH** time a channel is changed (for channels that require a tone).

- ▣ IMPORTANT (GPH-CMD and Kenwood)
- ▣ You can only select tones on channels that have more than one tone – channels with single tone access are locked.

GPH-CMD vs. GPH/GPH+/DPH



GPH-CMD (and Kenwood radios) - COMMAND GROUP

The GPH-CMD and Kenwood can build a command group out of channels in the radio. This group can then be used for an incident, limiting the number of channels in that group to only the channels needed. See the Kenwood for directions on how to build this group with that radio. For the GPH-CMD:

* to add channel to command group

to go to the command group and to use it

When in command group, press * to delete a channel in that group

Keypad Locks

- ▣ When SCAN and PRI are on, keypad is locked
- ▣ Pressing FCN locks the keypad on some radios