BK Radio Operations

BENDIX-KING RADIO
Basic Operations

Change Groups/Zones
- **Press # on Key pad**
- **Use numbers on key pad to select new group/zone**

Add a Channel to Scan List
Move scan selector out of scan mode (selector towards front of radio)
- **Select channel with channel selector/knob**
- **Press "ENT" on key pad**
- **"SCN" will appear in display (solid – not blinking)**

Place Radio in Scan Mode
- **Move scan switch on top of radio to back/rear position**
- **"SCN" in display will blink when radio is in scan mode**

Note: simply entering a channel into the scan list does not mean the radio is scanning. Radio must be switched into the scan mode.

Remove a Channel from Scan
- **Move scan selector out of scan mode (selector towards front of radio)**
- **Select a channel with channel selector/knob**
- **Press "CLR" on key pad**

Add Priority Scan Channel
- **Select the channel you wish to be the priority channel (set and leave the channel selector/knob on desired channel)**

- **Move the PRI switch on top of radio to the back/rear position**
- **"PRI" will appear in the display**
- **Radio will now scan all set channels with the priority channel being the one the channel selector knob is turned to.**

Add Priority Scan Channel – Option #2 (depends on how the priority option has been programmed into the radio)
- **Move scan and priority selector towards front of radio (off)**
- **Select your priority channel with the channel selector knob**
- **Move scan and priority selector towards back of radio "on"**
- **Press the "priority" option on the front key pad (PRI should appear in the upper left corner of front view screen)**
- **To change your priority channel – move channel selector to desired channel and press the priority option on the key pad**

CAUTION: During emergency operations, never use the scan mode unless you also enter the channel you are operating on into the priority mode. YOU MAY MISS CRITICAL INFORMATION BY ONLY OPERATING THE SCAN AND NOT SETTING THE PRIORITY!!!
Recommended to always have both SCN and PRI switches forward(off) or back (on)

BENDIX-KING Programming Instructions	BENDIX-KING Cloning Instructions
1. **Turn on radio and verify charged battery (do not program with "LOWBATT" showing.**	1. **Turn on clone master and verify programming and battery condition.**
2. **Select desired group by hitting the "#" key and then the 2 digit group number.**	2. **Push and simultaneously hold switch on cable connector and "FCN" key.**
3. **Push and hold programming switch or short back 2 terminals and "FCN" key. "-- -- -- ID" will be displayed.**	3. **Release keys and type in "000000" and hit "ENT".**
4. **Type in "000000" and hit "ENT". The display should say "CH 00"**	4. **Hit the "*" key and the words "PROG" should appear and flash.** *At this point the clone master is ready to clone to other radios*
5. **Enter the desired 2 digit channel number you want to program and hit the "FCN" key.**	5. **Turn on the clone radio and select the appropriate group by pressing the "# key and then entering the desired two digit group number.**
6. **For "RX" frequency, hit "CLR" key, then enter the new freq. and then hit "ENT" key. If the freq. displayed is the desired display, hit "ENT". To skip to the next step, hit "FCN".**	6. **Connect the cloning cable to the radio to be cloned.**
7. **Enter receive Code Guard (normally 000000) and hit "ENT"**	7. **Hit "FCN" key on master. The radio to be cloned should show "VHF-1" (or similar) in the display).**
8. **For "TX" frequency, hit the "CLR" key, then enter the new freq. and then hit the "ENT" key. If the freq. displayed is the desired display, hit "ENT". To skip to the next step, hit "FCN".**	8. **If clone master flashes "PROG" again, disconnect the cloned radio and *turn it off* to set the program in memory. The destination radio is properly programmed. If the clone master flashes "FAIL", disconnect clone, hit "CLR" on clone master and then "*" to reset clone master into programming mode and try again.**
9. **Enter the transmit Code Guard if needed and hit "ENT"**	
10. **If there is a label, it can be cleared with "CLR" or left alone with "ENT"**	
11. **At the CHxx" display, hit "#" to toggle for wide/narrow for that channel.**	
Note: Normal frequency range is 148.0000 to 173.9975 *Double check your frequencies and know what authority they are under*	**Note:** a GPH and DPH master must have the "G" end of the Smart Cloning Cable attached to the clone master. All other masters (LPH or EPH) must have the "E/L" end on the master. If the cable does not have a "G" and "E/L" label, then you can only use G-G, etc.

Programming instructions courtesy of: Mark Hall, First Responder Communications