



1. Select a group and channel needed to program.

2. Program Access

Press the "ENTER" key to bring up the Main Menu Screen. Scroll up/down using the "O" or "◇" to select "PROGRM" and press the "ENTER" key.

Enter a 6-Digit Password is requested and press "ENTER". (*NIFC Password is "000000"*)

3. Programming a Channel (ANALOG Only)

- Scroll down to "CHANNEL" and press "ENTER" to start programming the channel parameters.
- Scroll down to "TAG" and press "ENTER". Change the channel name using keypad and press "ENTER".
- Scroll down to "MODE" and press "ENTER". Select "ANALOG" and press "ENTER".
- Scroll down to "B/W" and press "ENTER". Select either "25Khz" or "12.5Khz" and press "ENTER".

Note: 25Khz= Wideband, 12.5Khz= Narrowband

- Scroll down to "ENCRPT" and press "ENTER". Select "DISABD" and press "ENTER".
- Scroll down to "RX" and press "ENTER". Enter the RX frequency using keypad and press "ENTER".
- Scroll down to "RX SQMD" and press "ENTER". Select either NOISE, DCS, CTCSS, or NONE.

Note: "NOISE" uses Squelch level to open RX, "DCS" use DCS code to open RX, "CTCSS" uses CTCSS to open RX, and "None" opens RX squelch at all times.

- Scroll down to "TX" and press "ENTER". Enter the TX frequency using keypad and press "ENTER".
- Scroll down to "TX SQMD" and press "ENTER". Select either DCS, CTCSS, or NONE.

Note: "DCS" sends DCS code on TX carrier, "CTCSS" send CTCSS tone on TX carrier, and "None" sends no tones.

- Scroll down to "LO PWR" and press "ENTER". Select either "0.1", "0.5", "1.0", "2.0" or "5.0" and press the "ENTER" key.
- Scroll down to "HI PWR" and press "ENTER". Select either "0.1", "0.5", "1.0", "2.0" or "5.0" and press the "ENTER" key.

If screen reads "SAVE CHANNEL", select "YES". If not, Channel information was stored and you can select another Channel and continue programming or press "ESC" a few times to reach main screen.

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RACAL SETTINGS AND OPTIONS

ADD/REMOVING A CH FROM SCAN LIST

1. Select a Channel to Add to Scan List with the channel select knob.
2. **To Add**, press and release the "◇" key, when released a box "□" will enclose the "C" in the display.
3. **To Remove**, press and release the "O" key. The box "□" will be removed from the "C" in the display.

ADD PRIORITY SCAN CHANNEL

1. Press the "ENTER" key, and select "PROGRM".
2. Scroll down to "SCAN" and press "ENTER".
3. Scroll down to "PI" and Press "ENTER". Select channel by using CH Select Knob and press "ENTER".
4. Press "ESC" key a few times to return to main screen.

Note: To Enable Scan, top toggle switch must be in position B.

To Enable Priority Scan, toggle switch must be in position A.

To Disable Scan/Pri Scan, toggle switch must be in position C.

CHANGE ZONES

1. Press the "ENTER" button.
2. Scroll down to "SELECT" and press "ENTER"
3. Scroll down to "ZONE" and press "ENTER". Scroll to the desired zone and press "ENTER", then press "ESC" a few times to reach the main screen.

DISABLE/ENABLE KEYPAD

1. Press and hold the "□" key while pressing and holding the "ENTER" key.
Display will show "Keys Disabled", "Side Enabled".
2. Repeat the process, display shows "Keys Disabled, Side Disabled"
3. To Enable all, repeat the process on more time.

HI/LOW POWER SELECTION

1. Press the programmed power selection side button to toggle between HI and LOW Power.
Note: Third button from the top is programmed as the HI/LOW Power Switch. (NIFC Default)

(See RACAL Help Files for more Detail)



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