



1. Select a group and channel needed to program.

Select a group by pressing the "#" key followed by a 2-digit group number and press the "ENT" key.

2. Program Access

- Insert programming plug into radio side connector.
- Press and hold the master switch on plug.
- While pressing the master switch, press and hold the "FCN" key for about 3 secs.
- LCD should display "-- --ID".
- Enter the SIX-DIGIT password and press the "ENT" key to enter program mode.
- (Note: NIICD radio password is "000000")
- If the correct password was entered, the LCD will display either "PASS" or "PRG CH 00".
- If the display indicates "PASS", press the "ENT" key to proceed to "CH 00" Parameters.

Note: If the EPH radio does not indicate "PASS" while entering Program Mode, it can not be used as a Master Clone Radio if Narrow-Band Mode is used.

3. Programming a Channel

Once in the Program Mode, press a 2-digit channel number to program with the keypad.

- PRG CH 01".....Channel 01 Settings is currently selected.
- PRG CH 01N".....Press # to toggle between Narrow/Wide band (EPH Only) and press the "FCN" key.
- PRGRX 170.47500".....Press "CLR" and enter new RX Frequency and press the "ENT" key.
- PRGRX CG 000.0".....Press "CLR" and enter new RX Code Guard and press "ENT" key.
- PRGTX 170.47500".....Press "CLR" and enter new TX Frequency and press the "ENT" key.
- PRGTX CG 103.5".....Press "CLR" and enter new TX Code Guard and press the "ENT" key.
- PRG CHAN 1".....Channel Label, press "ENT" to bring up the first programming field (PRG CH 01N).

Note: See "EPH-EPV Help File" to program a new channel label.

- 4. Channel Programming is complete.** At this point the user may select another channel to program or exit the program mode by cycling power to the radio.

EPH/EPV NIICD Radios ONLY.

EPH/EPV SETTINGS & OPTIONS

ADD Channel to Scan List

Select CH with CH knob and press the "ENT" key. "SCN" will appear in upper display.

DELETE Channel from Scan List

Select CH with CH knob and press the "CLR" key. "SCN" will be removed from the upper display.

Note: Scan must be disabled to add/delete CH's from scan list.

ADD PRI Scan Channel

Select CH, Press "PRI" key, PRI will appear in display.

Priority Mode B, C or D must be enabled to change PRI Channel via the keypad.

Note: See EPH/EPV Help Files for more information.

Changing Groups: (See Step 1 on Front Page)

HI/LOW Power Selection

Select LO Power by toggling the LO/HI Switch to the up position. (Towards the back of the radio)

Select HI Power by toggling the LO/HI Switch to the down position. (Towards the front of the radio)

TX User Selectable Tones

To Enable Tone, press number on keypad so select. To Disable Tone, press the number "0" on keypad.

Note: NIICD Radios TX User Tones are Disabled.

EPH/EPV CH 00 Program Guide

- "0000000".....Group ANI/DTMF ID
- "120 SEC".....Transmit Time-Out Timer
- "2.0SEC".....Scan Delay Time

Group 1: (NIICD Default is 1-12345)

- Battery Saver Disabled.....1-12345
- Priority Mode A.....1-12345
- Priority Mode B.....1-12345
- Priority Mode C.....1-12345
- Priority Mode D.....1-12345
- Priority Key Lockout.....1-12345
- Scan List Lockout.....1-12345

Group 2: (NIICD Default is 2-12345)

- User Code Guard Enabled.....2-12345
- Busy Channel Indicator Enabled.....2-12345
- Busy Channel Lockout Enabled.....2-12345
- Busy Channel Lockout/Override.....2-12345
- ANI Enabled.....2-12345
- Manual DTMF Encoder.....2-12345
- Manual DTMF/ANI Encoder.....2-12345

Group 3: (NIICD Default is 3-12345)

- LCD Backlight ON Main CH.....3-12345
- LCD Backlight ON Scan CH.....3-12345
- LCD Backlight ON Other.....3-12345
- LCD Backlight ON Key Press.....3-12345
- Alphanumeric Mode Enabled.....3-12345
- "LITE OFF".....Back Light Duration
- "GROUP XX".....Group Label

Bold=Flashing



1. Select a group and channel needed to program.

Select a group by pressing the "#" key followed by a 2-digit group number and press the "ENT" key.

2. Program Access

- Insert programming plug into radio side connector.
- Press and hold the master switch on plug.
- While pressing the master switch, press and hold the "FCN" key for about 3 secs.
- LCD should display "-- --ID".
- Enter the SIX-DIGIT password and press the "ENT" key to enter program mode.
- (Note: NIICD radio password is "000000")
- If the correct password was entered, the LCD will display either "PASS" or "PRG CH 00".
- If the display indicates "PASS", press the "ENT" key to proceed to "CH 00" Parameters.

Note: If the EPH radio does not indicate "PASS" while entering Program Mode, it can not be used as a Master Clone Radio if Narrow-Band Mode is used.

3. Programming a Channel

Once in the Program Mode, press a 2-digit channel number to program with the keypad.

- PRG CH 01".....Channel 01 Settings is currently selected.
- PRG CH 01N".....Press # to toggle between Narrow/Wide band (EPH Only) and press the "FCN" key.
- PRGRX 170.47500".....Press "CLR" and enter new RX Frequency and press the "ENT" key.
- PRGRX CG 000.0".....Press "CLR" and enter new RX Code Guard and press "ENT" key.
- PRGTX 170.47500".....Press "CLR" and enter new TX Frequency and press the "ENT" key.
- PRGTX CG 103.5".....Press "CLR" and enter new TX Code Guard and press the "ENT" key.
- PRG CHAN 1".....Channel Label, press "ENT" to bring up the first programming field (PRG CH 01N).

Note: See "EPH-EPV Help File" to program a new channel label.

- 4. Channel Programming is complete.** At this point the user may select another channel to program or exit the program mode by cycling power to the radio.

EPH/EPV NIICD Radios ONLY.

EPH/EPV SETTINGS & OPTIONS

ADD Channel to Scan List

Select CH with CH knob and press the "ENT" key. "SCN" will appear in upper display.

DELETE Channel from Scan List

Select CH with CH knob and press the "CLR" key. "SCN" will be removed from the upper display.

Note: Scan must be disabled to add/delete CH's from scan list.

ADD PRI Scan Channel

Select CH, Press "PRI" key, PRI will appear in display.

Priority Mode B, C or D must be enabled to change PRI Channel via the keypad.

Note: See EPH/EPV Help Files for more information.

Changing Groups: (See Step 1 on Front Page)

HI/LOW Power Selection

Select LO Power by toggling the LO/HI Switch to the up position. (Towards the back of the radio)

Select HI Power by toggling the LO/HI Switch to the down position. (Towards the front of the radio)

TX User Selectable Tones

To Enable Tone, press number on keypad so select. To Disable Tone, press the number "0" on keypad.

Note: NIICD Radios TX User Tones are Disabled.

EPH/EPV CH 00 Program Guide

- "0000000".....Group ANI/DTMF ID
- "120 SEC".....Transmit Time-Out Timer
- "2.0SEC".....Scan Delay Time

Group 1: (NIICD Default is 1-12345)

- Battery Saver Disabled.....1-12345
- Priority Mode A.....1-12345
- Priority Mode B.....1-12345
- Priority Mode C.....1-12345
- Priority Mode D.....1-12345
- Priority Key Lockout.....1-12345
- Scan List Lockout.....1-12345

Group 2: (NIICD Default is 2-12345)

- User Code Guard Enabled.....2-12345
- Busy Channel Indicator Enabled.....2-12345
- Busy Channel Lockout Enabled.....2-12345
- Busy Channel Lockout/Override.....2-12345
- ANI Enabled.....2-12345
- Manual DTMF Encoder.....2-12345
- Manual DTMF/ANI Encoder.....2-12345

Group 3: (NIICD Default is 3-12345)

- LCD Backlight ON Main CH.....3-12345
- LCD Backlight ON Scan CH.....3-12345
- LCD Backlight ON Other.....3-12345
- LCD Backlight ON Key Press.....3-12345
- Alphanumeric Mode Enabled.....3-12345
- "LITE OFF".....Back Light Duration
- "GROUP XX".....Group Label

Bold=Flashing