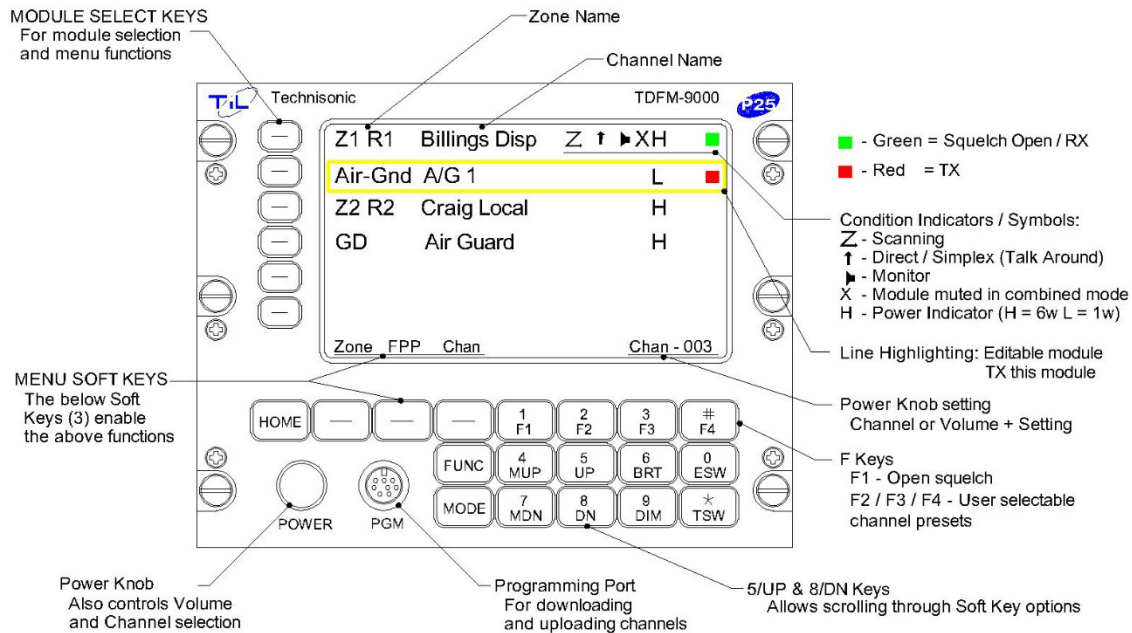# NIICD TDFM-9000 Quick Reference Guide

October 13, 2017

TDFM-9000 series radio buttons have multiple configuration options depending on how they are setup during initial programming using Motorola's CPS software. The NIICD TDFM-9000 Quick Reference Guide only applies to TDFM-9000 radios configured using a NIICD codeplug.

Turn Radio On or Off

1. Press & hold the **POWER** knob.

Select A Radio for Transmission

1. Press the Module Select ⊟ Softkey to place a box around the desired module.

Adjust Radio Volume

Note: Each radio's volume is individually set.
1. Press the Module Select ⊟ Softkey to place a box around the desired module.
2. Press ⊡ (1/F1) key (opens radio's squelch) _or_ press & hold ⊡ (1/F1) key for 2 seconds to have squelch remain open (a short beep is heard).
3. Briefly press the **POWER** knob until "*Vol-xx*" is displayed in the lower right corner of the display.
4. Rotate the **POWER** knob for desired level.
5. If radio squelch is still open press ⊡ (1/F1) key again to close it.

Muting a Radio

Note: Each radio's volume can be individually muted when the radio is set to combined mode.
1. Press the Module Select ⊟ Softkey to place a box around the desired module.
2. Press the Module Select ⊟ Softkey a second time to mute that band. An "*X*" appears on that module.

Change Zones

Note: Users cannot create zones.
1. Press Module Select ⊟ Softkey to place a box around the desired module.
2. Press **Zone** ⊟ Menu Softkey.
3. Rotate **POWER** knob, ⌗ (5/UP) or ⌗ (8/DN) keys to move curser to desired Zone.
4. Press the **Sel** ⊟ Menu Softkey to accept change
5. Press the **Exit** ⊟ Menu Softkey to abandon changing Zones

Change Channels

1. Press the Module Select ⊟ Softkey to place a box around the desired module.
   Then
2. Briefly press the **POWER** knob until "*Chan-xxx*" appears in the lower right corner of the display.
3. Turn the **POWER** knob until the desired channel is shown.
   *Or*
2. Press the ⌗ (5/UP) or ⌗ (8/DN) keys.

View Programmed Channel Information

Note: Any information edited while in the viewing mode will not be saved.
1. Press Module Select ⊟ Softkey to place a box around the desired module.
2. Change to desired channel (see above for changing channels).
3. Press **FPP** ⊟ Menu Softkey.
4. Press Module Select ⊟ Softkey to place a box around the desired information.
5. Press Module Select ⊟ Softkey again to toggle between RX and TX settings.
6. Press ⌗ (HOME) to return to main screen.

Load a New Channel

Only Zone "*FPP Anlg*" permits loading analog channels and Zone "*FPP P25*" permits loading P25 digital channels. There are 20 channels available to program in each FPP zone.
1. Press Module Select ⊟ Softkey to place a box around the desired module.
2. Press **Zone** ⊟ Menu Softkey.
3. Rotate **POWER** knob, ⌗ (5/UP) or ⌗ (8/DN) keys to move Zone curser to "*FPP xxx*".
4. Press the **Sel** ⊟ Menu Softkey to accept change
5. Briefly press the **POWER** knob until "*Chan-xxx*" appears in the lower right corner of the display.
6. Turn the **POWER** knob until the desired channel is shown.
7. Press **FPP** ⊟ Menu Softkey.
8. Press Module Select ⊟ Softkey to place a box around the information to be changed.
9. Press Module Select ⊟ Softkey again to toggle between RX and TX settings.
10. *Slowly* enter desired changes then press the **OK** ⊟ Menu Softkey to save the change.
    a. **Freq** Direct frequency editing
    b. **TPL**   CTCSS Tones. Rotate **POWER** knob to select desired tone then press the **OK** ⊟ Menu Softkey.
    c. **DPL**   Digital analog tones. Seldom used. Rotate **POWER** knob to select desired tone then press the **OK** ⊟ Menu Softkey.

d. **NAC**   P25 Network Access Code. Only editable on "*FPP P25*" Zone. Press Module Select ⊖ Softkey to toggle between *Rx NAC, Tx NAC* and *Tlkgrp ID*.

- Press **123** ⊖ Menu Softkey to enter numbers.
- Press **ABC** ⊖ Menu Softkey to enter letters.
    A = 1, B = 2, C = 3, D = 4, E = 5, F = 6
- Press **Corr** ⊖ Menu Softkey to backup cursor.
- Press **OK** ⊖ Menu Softkey to accept changes.

e. **RX Mode**   Preset

f. **Zone Name** Press the Module Select ⊖ Softkey to toggle between *Zone Name* and *Chan Name*.

Do not change Zone name.

1. Press Module Select ⊖ Softkey until "*Chan Name*" is displayed.
2. Rotate **POWER** knob to change the flashing character. All available characters appear one after the other: Capitals, lower case, numbers & special characters then it repeats.
3. Press **Corr** ⊖ Menu Softkey to backup cursor.
4. Press **Next** ⊖ Menu Softkey to move to the next character.
5. Press **OK** ⊖ Menu Softkey to save information.

11. Press 🄷🄾🄼🄴 (HOME) to return to main screen.