




**1. Change To A Previously Programmed Channel:**

A. Press  or .

*Or*

A. Press .


B. Press three digit preset channel number, such as    for channel 34.


C. Press .

**2. Load New Frequency:**

A. Set MN/GD switch up for Main (MN) programming and down for Guard (GD) programming.

B. Press .


C. Push keys corresponding to desired receive frequency (omitting the 1) and press .



D. Push keys corresponding to desired transmit frequency (omitting the 1) and press .

**3. Load Tone:**


A. Set MN/GD switch up for Main (MN) programming and down for Guard (GD) programming.



B. Press .




C. To enter a receive tone, follow the below instructions. Otherwise press .

1) Press  to toggle between receive no tone (**Rx**) and receive CTCSS tone (**Rt**) and press .

2) If "**Rt**" was selected, press the  and  keys scroll through CTCSS tones and press .


D. To enter a transmit tone, follow the below instructions. Otherwise press .

1) Press  to toggle between transmit no tone (**Tx**) and transmit CTCSS tone (**Tt**) and press .

2) Press  and  keys scroll through CTCSS tones and press .

**4. Change Bandwidth:**

A. Set MN/GD switch up for Main (MN) programming and down for Guard (GD) programming.

B. Press  for "**n**" narrowband, "**w**" wideband, or "**D**" P25 digital. Default is "**n**" for all frequencies.





C. Press .


Note: All federal VHF-FM frequencies are 12.5 kHz (narrowband) as of January 1, 2005. Operating on an effected federal frequency in the wideband mode after this date relegates the user to a "secondary", or non-interference, basis. Additionally, wideband and narrowband compatibility issues may inhibit effective communication.

**5. Load A New Channel Into Memory:**


A. Set MN/GD switch up for Main (MN) programming and down for Guard (GD) programming.

B. Press  then .



C. Enter a three digit channel assignment, such as    for channel 57, then press .

D. Press . This skips the SCAN options which are disabled.



E. Change alpha/numeric display.


1) Press  to toggle between upper case (**AZ**), lower case (**az**), numbers (**09**), and special symbols (**/ [blank]**) as indicated in lower right corner of display window.


2) Press  and  keys to scroll through alpha/numeric selections.


3) Press  and  keys to move cursor left or right.



4) When completed with entire alpha/numeric display entry, press .

F. Press  to toggle between bandwidth of “n”, “w”, or “D” and press . Default is “n”.


G. Enter receive frequency (omitting the 1) (**Rx** displayed) and press .



H. Enter transmit frequency (omitting the 1) (**Tx** displayed) and press .




I. To enter a receive tone, follow the below instructions. Otherwise press .



1) Press  to toggle between receive no tone (**Rx**) and receive CTCSS tone (**Rt**) and press .



2) If “**Rt**” was selected, press the  and  keys scroll through CTCSS tones and press .

J. To enter a transmit tone, follow the below instructions. Otherwise press .

1) Press  to toggle between transmit no tone (**Tx**) and transmit CTCSS tone (**Tt**) and press .

2) Press  and  keys scroll through CTCSS tones and press .

**6. General Information:** The TDFM-136/136A is programmed in layers (levels) similar to a Windows based computer operating system. Pressing  moves you up a level and  moves you down. After 5 seconds the radio reverts to level 1 (level 1 has no “1” displayed) if no user action is taken. The radio’s level is displayed on the bottom line by “GD1” display (i.e. GD1<sub>2</sub> & GD1<sub>3</sub>). Tones are assigned by channel. Never use a tone on a receive frequency unless operationally required. The guard receiver is independent from the main receiver; however, they both use the main transmitter. Set guard to 168.6250 MHz (Air Guard). No P25 Digital information is included on this basic instruction sheet. There are 230 possible main pre-set channels.

Adjust display brightness with  (brighter) and  (dimmer) while on level 1.

Some NIICD radio features are disabled and the radio will display “Command Disabled” when access is attempted. Disabled features are seldom used and/or will cause confusion during normal radio operation.

Visit the NIICD website for additional information at: <http://www.nifc.gov/NIICD/documents.html>