



## City of Milpitas - S.A.F.E. Team Communications



To facilitate communications between members of SAFE (Strategic Action For Emergencies) teams, the City of Milpitas has purchased FRS (Family Radio Service) radios. These radios are property of the City of Milpitas, and are checked out to SAFE team members. When a team member is no longer active in the SAFE program, the radio needs to be returned to the City of Milpitas.

### **FRS Channels and Codes:**

Each SAFE team will set the radio channel number to their SAFE team number (i.e. SAFE team 1 will use channel 1, SAFE team 2 will use channel 2, et cetera. For each channel, a “Privacy Code” can be set. The term “Privacy” is deceiving; it doesn’t mean your communications will be private, but rather you will only receive a signal from others who have the same “Privacy Code” set. Thus, using a “Privacy Code” helps minimize interference that you will receive, which also helps extend battery life. For SAFE teams, the “Privacy Code” should be set to “15”.

### **Basic operation of the Motorola Talkabout T9500 FRS/GMRS Radios:**

- 1) Insert rechargeable NiMH battery pack, or 3 AA alkaline batteries.
- 2) Turn the volume control knob clockwise to turn on the radio. The first time the radio is powered on, it will default to Channel 1, Code 1.
- 3) To change the channel number, press and release the “Menu” button. The larger number in the center of the display will flash. Use the “+” and “-“ buttons to set the channel.
- 4) To set the “Privacy Code”, press and release the “Menu” button a second time. The smaller number at the bottom of the display will flash. Use the “+” and “-“ buttons to set the “Privacy Code” to “15”.
- 5) Continuing to press and release the “Menu” button will set through other configuration options. To exit setup mode, press and release the “PTT” (Push To Talk) button on the left side of the radio or wait for approximately 6 seconds.
- 6) Press and hold the “Menu” button for approximately 6 seconds to “Lock” the settings. This prevents you from accidentally changing the settings. Press and hold the “Menu” again to “unlock” the radio.

### **Additional information:**

- 1) Channels 1 through 7 are shared FRS/GMRS (Family Radio Service/General Mobile Radio Service) channels. Channels 8 through 14 are FRS only channels. Channels 15 through 22 are GMRS only channels. To use the GMRS only channels requires an FCC license for GMRS operation.
- 2) When storing the radio, remove the batteries.

This basic guide is not a complete set of instructions. Refer to the Radios User’s Guide for more detailed instructions.

For more information on FRS and GMRS radios: <http://www.fcc.gov/cgb/consumerfacts/prs.html>

### **Amateur Radio / EOC Communications:**

If an Amateur Radio Operator is not part of your SAFE Team and during an emergency you need to communicate with the EOC, try contacting a nearby SAFE Team by using their channel on the FRS radio and see if they have an extra Amateur Radio Operator to assist you; or, ask them to relay to the EOC that you need someone to provide communications to the EOC.

## Control Buttons

### Use to:

- Turn radio on/off
- Increase or decrease volume

### LED Indicator

### Use Push to Talk

#### to:

- Talk
- Save a setting
- Boost the radio's power

Hi  
Lo

### Use to:

- Transmit call tone

### Speaker

### Use to:

- Select Menu options
- Exit the Menu (when pressed while in last Menu)
- Lock and unlock the keypad (when held down and not in a Menu)

### Accessory Jack

### Microphone

### Use Monitor to:

- Monitor the selected is on other channels
- Scan to see if anyone channel for activity

### Use and to:

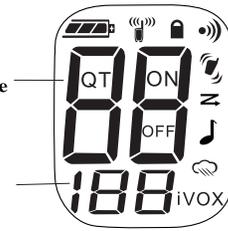
- Scroll through menus
- Turn weather on/off

## Motorola Talkabout T9500

## Display Screen Guide

### Numbers for Channel, Call Tone

### Numbers for Codes



 - Battery Meter

 - Channel Power Indicator

 - Lock

 - Talk Confirmation Tone (Roger Beep)

QT - Noise Filtering

ON

OFF - On/Off for each feature

 - Vibrate

 - Scan

 - Call Tone, Keypad Tone

 - Weather Alert

iVOX - Hands-Free Use Without Accessories

VOX - Hands-Free Use With Accessories

### Channel Select

Press  one time, the channel number will flash. Using the  or  key select the desired channel. Press the  to save the channel.

### Privacy Code

Press  two times, the code number will flash. Using the  or  key select the desired code. Press the  to save the code.

### Lock Keypad

Press  and hold until the  symbol appears and the radio beeps.

### Unlock Keypad

Press  and hold until the  symbol disappears and the radio beeps.

### Enable/Disable VOX

Press  4 times until iVOX is displayed at the bottom of the display. Press  to toggle between On/Off. Press  to save the setting.

### Enable/Disable QT Filtering

Press  6 times until QT is displayed on the upper left of the display. Press  to toggle between On/Off. Press  to save the setting.

### Enable/Disable Vibrate Alert

Press  7 times until  is displayed in the upper right of the display. Press  to toggle between On/Off. Press  to save the setting.

### Enable/Disable Keypad Tone

Press  8 times until  is displayed on the right of the display. No number should be shown in the display--if a number is displayed you have the incorrect menu setting selected. Press  to toggle between On/Off. Press  to save the setting.

### Enable/Disable Talk Confirmation (Courtesy) Tone

Press  9 times until  is displayed on the upper right of the display. Press  to toggle between On/Off. Press  to save the setting.

### Weather Channel (NOAA) Reception

Press  and hold for three seconds until  is displayed. Press  and the weather channel number flashes. Press  or  to toggle thru the weather channels. Press  to save the weather channel desired. Press  to exit weather channel reception and return to normal operation.

## Recommended Settings

Channel #: Your SAFE Team #

Privacy Code: 15

VOX: Off

QT: Off

Vibrate: Off to save battery unless needed in a noisy environment

Keypad Beep: Off

Courtesy Tone: On

Lock Keypad to prevent accidental changes