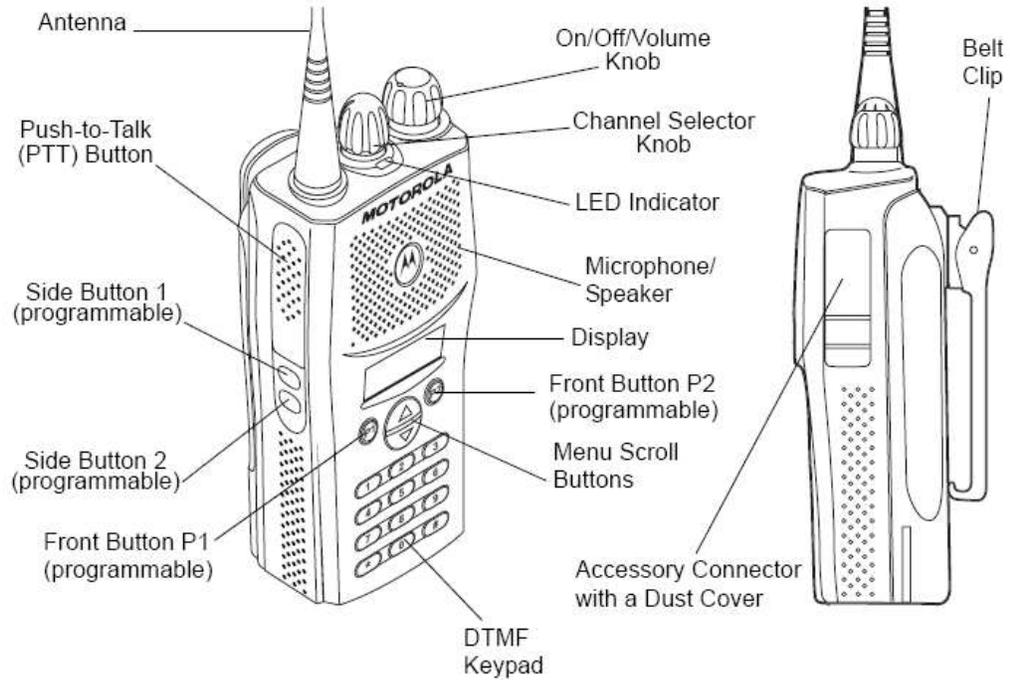
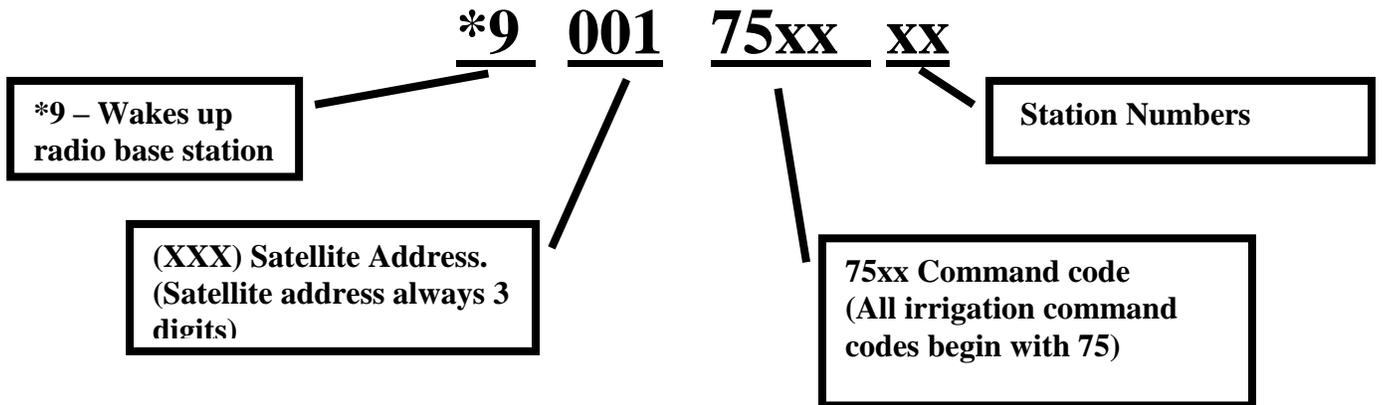


# OSMAC HAND-HELD RADIO COMMAND CODES

## RADIO OVERVIEW



## COMMAND CODE ELEMENTS:



**\*9** - wakes up radio base station (Every radio command begins with \*9)

**(XXX)** - Satellite address (Satellite address is always 3 digits)

**75XX** - Command code. (All satellite functions begin with 75)

## **RADIO COMMAND PROCEDURE:**

1. Select correct radio channel (IRRIGATE on display, PR400 radios)
2. Press and Hold PTT (Push To Talk) button.
3. While holding PTT button, enter command code string on radio key pad.
4. Release PTT button to send command.

### **NOTE:**

- Universal satellite address is 256. Hand held commands will be sent to all satellites simultaneously.
- Satellite will run one radio command at a time.
- New or additional commands sent to a satellite already running a command will stop running the first command and start the new command

## **Osmac Hand Held Commands:**

- 7510**      **Turns off individual stations:** e.g., 7510 01 02 40 turns off stations 1, 2 and 40
- 7511**      **Turns on individual stations:** e.g., 7511 01 02 40 turns on station 1, 2, and 40
- 7512**      **Syringe individual stations for a predetermined number of 30 second intervals**  
(already defined in the satellite): e.g., 7512 01 02 turns on station 1 and 2 for 30 second intervals
- 7513**      **Disables individual stations;** e.g., 7513 01 03 disables stations 1 and 3. After this command, on and off commands will be ignored for stations 1 and 3 until re-enabled.
- 7514**      **Enables individual stations;** e.g. 7514 01 03 enables station 1 and 3.
- 7515**      **Sequentially syringes a specified station number range;** e.g. 7515 10 20 will syringe stations 10 through 20 sequentially.
- 7516**      **Sequentially syringes individual stations;** e.g. 7516 10 11 will syringe stations 10 and 11 multiple groups can also be run. Enter 2 dashes between stations to designate separate syringe groups; e.g. 7516 10 11 - - 22 24 26 28 will run two sequential syringes at the same time on stations 10 and 11 and stations 22 24 26 28.
- 7517**      **Turns on individual stations for a specific number of hours, minutes and seconds;** e.g. 7517 01 30 00 23 24 25 turns stations 23 24 25 on for 1 hour, 30 minutes.

## Osmac Hand Held Commands: cont.

- 7518**      **Turns on stations for a specific number of minutes;** e.g. 7518 10 23 24 25 turns on stations 23 24 25 for 10 minutes.
- 7520**      **Turns off a sequential station run operation** (initiated by command code 7521)
- 7521**      **Turns on a sequential station run operation;** e.g. 7521 01 turns on station 1. To step forward through the stations, press \*1; to step back press \*2.
- 7524**      **Turns on individual stations as switches;** e.g. does not simultaneously energize the pump. Note: will not turn off the pump if already running. E.g. 7524 25 35 45 turns on station 25 35 45 without energizing the pump.
- 7525**      **Turns on individual stations as switches for a time given in minutes;** i.e. does not simultaneously energize the pump in this command string, the run time is entered first, followed by the station numbers; e.g. 7525 25 05 42 turns on station 5 and 45 for 25 minutes without energizing the pump start.
- 7526**      **Turns on individual stations as switches for the time given in hours, minutes and seconds.** In this command string, the run time is entered first, followed by the station numbers; e.g. 7526 02 30 45 25 26 27 turns on stations 25 26 and 27 for 2 hours, 30 minutes and 45 seconds.
- 7540**      **Turns off all stations** ( this satellite only)
- 7543**      **Disables all stations in all satellites** (rain shutdown). Note: Satellite address code is not used with 7543 or 7544 command codes. The stations will not respond to any further commands until enabled.
- 7544**      **Enables operation of all stations in all satellites.**
- 7546**      **Sequentially syringes all stations for a set length of time;** e.g. 7546 turns on all stations for the predetermined number of 30 second intervals as defined by the syringe time.
- 8000**      **Disables pump start.**
- 8001**      **Enables pump start to be assigned to a station;** e.g. 8001 48 assigns pump start to station 48.
- 8003 00**      **Disables operation and turns off all station in the satellite with sequential shutdown.**
- 8003 01**      **Enables operation of all stations in the satellite.**

## **Osmac Hand Held Commands: cont.**

- 8004**            **Changes the password;** e.g. 8004 7531 6108 will change the factory default password 7531 to 6108
- 8006 01**        **Sets the syringe time in 30 second intervals;** e.g. 8006 01 0100 sets the syringe time to 100 intervals (50 minutes). The number of interval must be given as four digits with leading zeros but can be no greater than 0255.
- 8006 02**        **Sets the time out limit in 30 minute intervals;** e.g. 8006 02 0060 sets the time out limit to 30 hours
- 8006 03**        **Enables/disables the password.** Use 8006 03 01 to enable password protection or 8007 03 00 to cancel password protection.
- 8008**            **Configures stations as switches.** Stations can be specified individually and in combination with a range of stations; e.g. 8008 01 12 50 – 60 configures stations 1, 12, and 50 through 60 as switches.
- 8011**            **Resets EPROM to factory defaults.**