Motorola XTL 5000 (800 MHz) Mobile RadioTraining
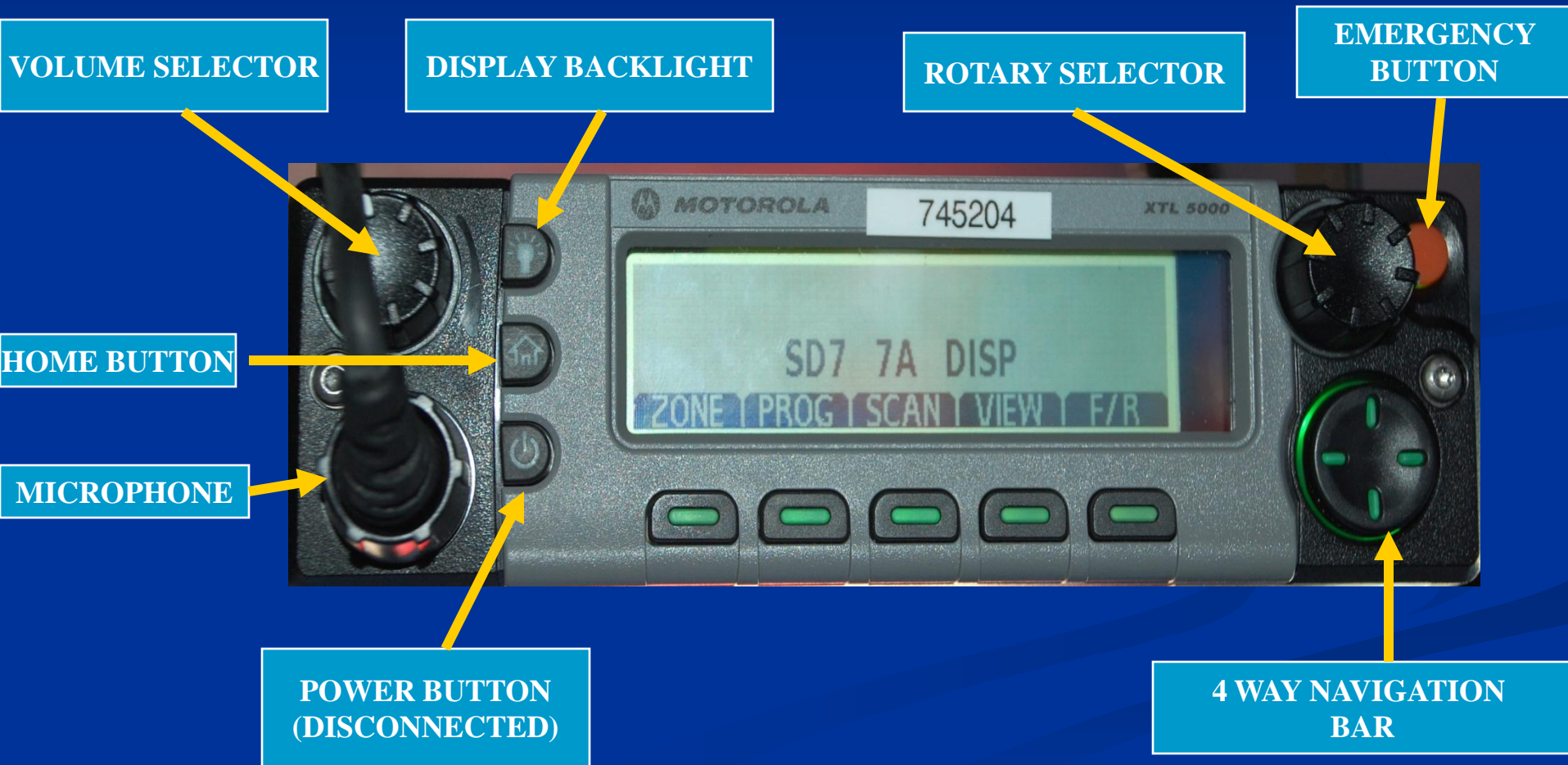
Objectives

- **Review basic operating features**
- **Learn how to navigate through channels and zones**
- **Learn how to build scanning lists**

San Diego Fire-Rescue Department

Specifications & Features

Motorola XTL 5000 Digital Mobile Radio

- **512 Channel/32 radio zones capability**
- **Scan up to 16 channels only**
- **14 digit character display**
- **45 Watts power output**
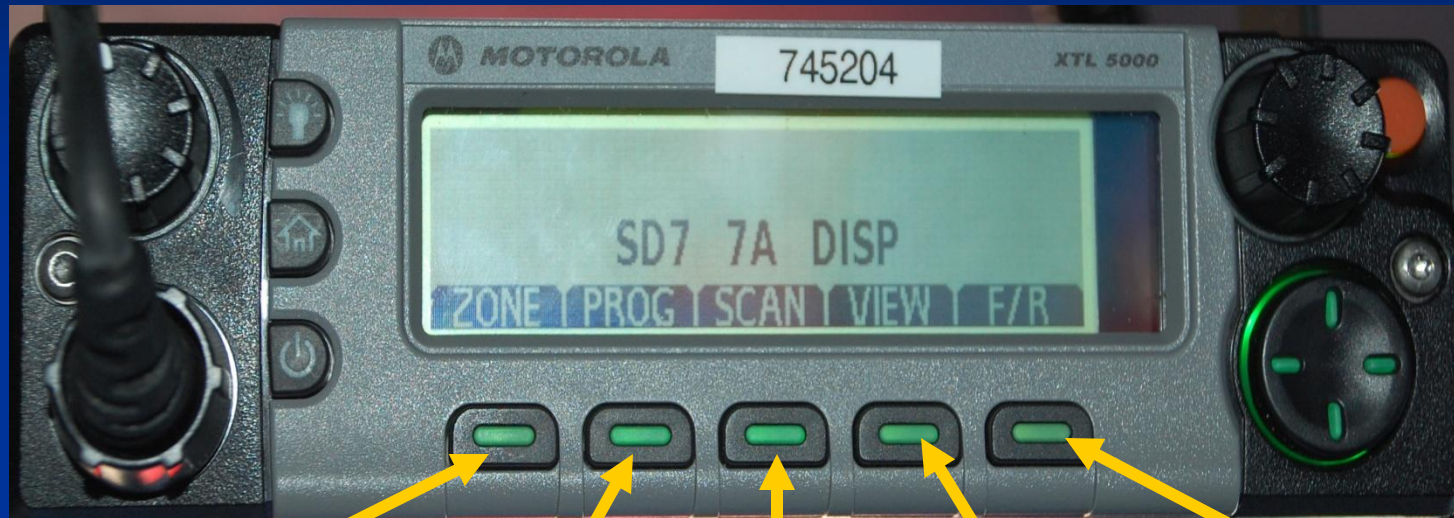- **Digital or analog operating system**

XTL 5000 MOBILE RADIO CONTROL HEAD

VOLUME SELECTOR

DISPLAY BACKLIGHT

ROTARY SELECTOR

EMERGENCY BUTTON

HOME BUTTON

MICROPHONE

POWER BUTTON (DISCONNECTED)

4 WAY NAVIGATION BAR

MOTOROLA   745204   XTL 5000

SD7 7A DISP

ZONE | PROG | SCAN | VIEW | F/R

Motorola XTL 5000 Mobile Radio Operations

- **VOLUME SELECTOR:** Used to adjust radio volume.

- **DISPLAY BACKLIGHT:** Used to adjust the display brightness. There are three levels of intensity.

- **ROTARY SELECTOR:** Channel and zone selector.

- **EMERGENCY BUTTON:** Activates the emergency alert system. Hold down for 2 seconds to alert and hold down for 4 seconds to reset.

- **HOME BUTTON:** Used to go back to the departments selected Home channel (7A DISP), push and hold for one second and also as enter/confirm function.

- **MICROPHONE:** Microphone connector.

- **POWER BUTTON:** This button is disconnected. The radio turns on automatically once the apparatus electrical power is turned on.

- **4 WAY NAVIGATION BAR:** Used to navigate through zones when building a scan group only (USE THE ROTARY SELECTOR FOR NAVIGATING THROUGH CHANNELS AND ZONES).

XTL 5000 MOBILE RADIO CONTROL HEAD SOFT KEYS

ZONE SOFT KEYS:
PRESS TO CHANGE
RADIO ZONE

SCAN SOFT KEYS:
PRESS TO TURN SCAN
ON/OFF

F/R SOFT KEYS:
FRONT/REAR RADIO
HEAD SELECTOR

PROGRAM SOFT KEYS:
PRESS TO ADD OR DELETE
SCAN CHANNELS

VIEW SOFT KEYS:
PRESS TO VIEW RADIO ID
AND VIEW SCAN LIST

Motorola XTL 5000 Mobile Radio Operations

SOFT KEYS: Used to activate display functions.

- ZONE SOFT KEY: Used to change radio zones.

- PROGRAM SOFT KEY: Used to program scan list.

- SCAN SOFT KEY: Used to turn scan on or off.

- VIEW SOFT KEY: Used to view radio ID and scan list.

- F/R (FRONT/REAR) SOFT KEY: Used to change radio operations from front to rear.

DISPLAY BRIGHTNESS AND CHANNEL CHANGING

DISPLAY BACKLIGHT:
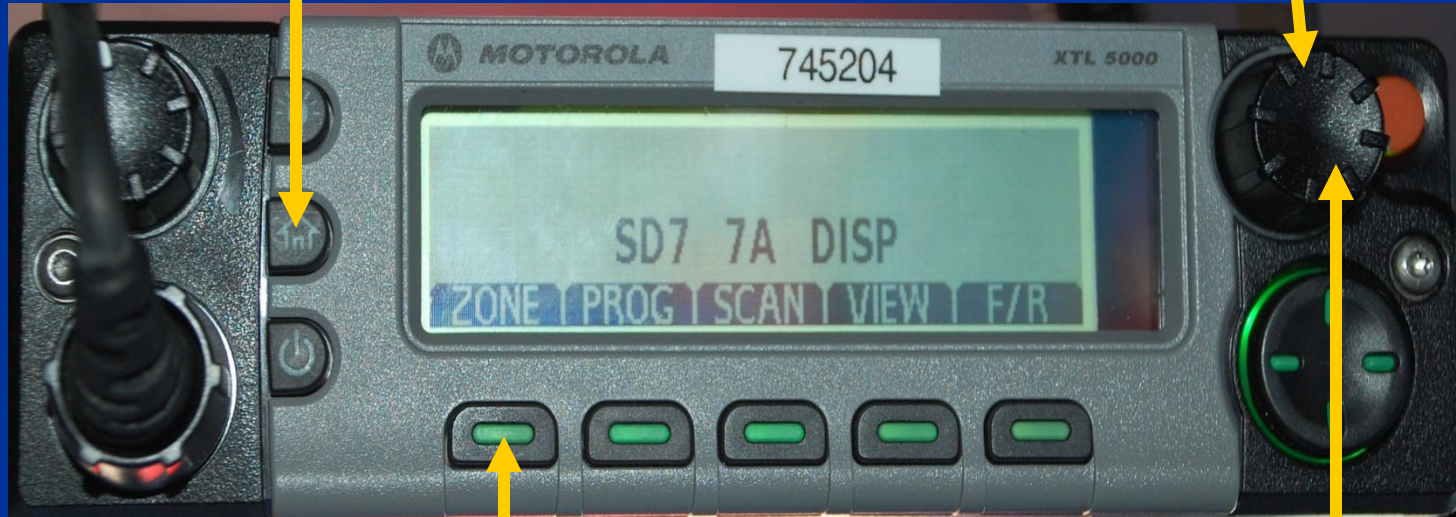1. **PRESS BUTTON FOR DESIRED BRIGHTNESS (3 SETTINGS)**

ROTARY SELECTOR: CHANNELS
1. **ROTATE CLOCKWISE TO MOVE UP (A-P)**
2. **ROTATE COUNTER CLOCKWISE TO MOVE DOWN (P-A)**

ZONE CHANGING

3 PRESS HOME BUTTON KEY

2 TURN ROTARY KNOB CLOCKWISE OR COUNTER CLOCKWISE FOR DESIRED ZONE

MOTOROLA   745204   XTL 5000

SD7 7A DISP

ZONE | PROG | SCAN | VIEW | F/R

4 TURN ROTARY KNOB CLOCKWISE OR COUNTER CLOCKWISE FOR DESIRED CHANNEL

1 PRESS ZONE SOFT KEY

SCANNING - ADDING OR DELETEING

1 PRESS SCAN SOFT KEY TO TURN SCAN OFF

2 PRESS PROG (PROGRAM) SOFT KEY

3 PRESS SCAN SOFT KEY

SCANNING - ADD OR DELETE

5 TURN ROTARY KNOB CLOCKWISE OR COUNTER CLOCKWISE FOR DESIREDCHANNEL

4 USE NAVIGATION BAR (RIGHT OR LEFT HORIZONTAL BAR) TO PICK THE DESIRED ZONE

SCANNING - ADD OR DELETE

7 PRESS HOME BUTTON TO COMPLETE THE SCAN LIST AND RETURN TO THE HOME CHANNEL

8 ONCE COMPLETED YOU MAY REPEAT THE PROCESS STARTING IN A DIFFERENT ZONE

6 PRESS EITHER SEL OR DEL SOFTKEY TO ADD OR REMOVE THE DESIRED SCAN CHANNEL

NOTE: PRESS RCL (RECALL) SOFT KEY TO REVIEW PROGRAMMED SCAN CHANNELS

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