



**XTL 5000
W5**

Montgomery County Emergency Services 800 MHz Rebanding Training

XTL 5000 W5 Mobile Radio



Before You Begin...



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View the main training video first, it covers:

- General Radio Review
- Overview of Montgomery County's Radio System
- Rebanding & Interoperability
- Channel Matrix Discussion
- Talk Group Usage, Event Channels, Local Channels



XTL 5000 W5: Overview



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Radio Functions:

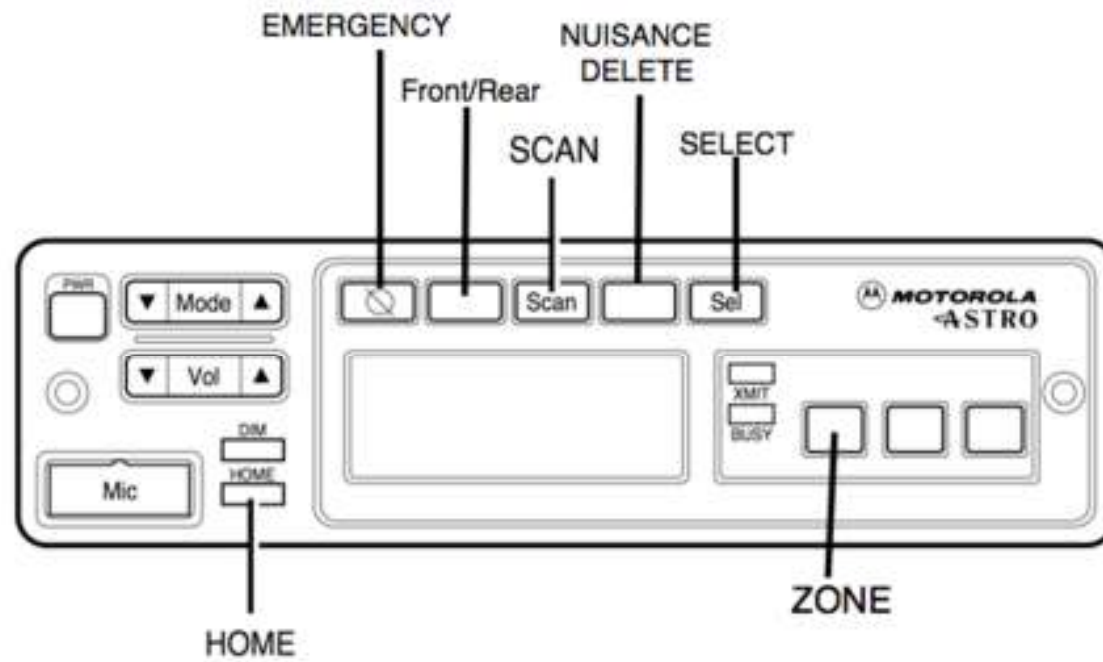
- Front Controls
- Navigating Zones
- Emergency Operation
- Scan
- Programming a Scan List
- Nuisance Delete
- How to Report a Problem



XTL 5000 W5: Front Controls



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XTL 5000 W5: Zones



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Navigating Through Zones

- Press the Zone keys to navigate through available Zone



Zone Up and Zone Down

XTL 5000 W5: Front/Rear Head



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For Emergency responders utilizing a Dual head with the Front/Rear heads

- Channels can be changed by operators utilizing the front or rear radio unit
- Verify channel/talkgroup on display prior to transmitting



XTL 5000 W5 : **EMERGENCY** Operation



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Declaring an **Emergency**

- **Instantaneous** Transmit
- **“HOT MIC”**: When activated, your microphone will automatically open for 10 Seconds
- **Emergency Button** must be depressed to activate an emergency

XTL 5000 W5: **EMERGENCY** Operation



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Clearing the **Emergency**

- Once you have transmitted your emergency you need to clear your radio from the **Emergency Mode**
- **First**, speak with dispatch to verify that Emergency can be cleared
- Then **turn the radio off and back on again**

XTL 5000 W5: Scanning



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800 MHz Radio can **Scan 15 Talkgroups**

- Only scan Talkgroups within the **WEST** or **EAST** at one time
- When set to a selected channel AND Scanning, any message from that selected channel will **override** the scanned Talkgroups
- When responding to another Zone / Region, switch radio to the Zone / Region where the incident exists.
- Responding units will then be in direct communications with Incident Commander or Officer in Charge



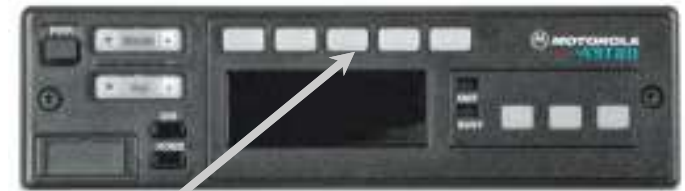
XTL 5000 W5: Scanning



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Entering Scan Mode

- By pushing the Scan On/Off button, your radio will enter Scan Mode
- Look for the Scan Symbol in the radio display to ensure that Scan mode is On
- Turning the Scan Off allows you to **ONLY** monitor the Channel which is in the radio display. To resume scanning, press the Scan On/Off button



Scan On/Off

Note:

When your radio is powered OFF and then ON, it will remain in the mode that you left it (Scan On or Scan Off)

XTL 5000 W5: Programming a Scan List

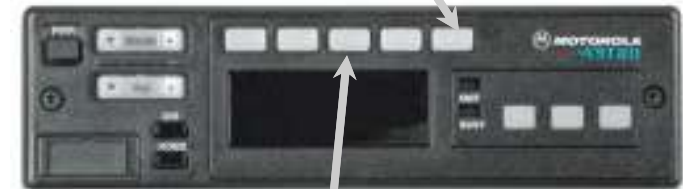


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Press and hold the Scan Button. The radio will beep once. A flashing ▲ symbol will appear on the display screen below the **SCAN** button. This indicates the radio is in program scan mode.

1. Press the mode toggle switch to select a “channel” you wish to add or delete to your scan list
2. Press **SEL** button on the radio to Select or Delete “channels”
3. Pressing the **SEL** button once will add the “channel” to the scan list. **N PRI** will appear next to the flashing ▲ (arrow) advising you the “channel” has been added to the scan list with Non Priority

*Press SEL to
add or delete
channels when
programming a
scan list.*



Program Scan On/Off

Note:

If the radio is left in the program mode (flashing ▲) too long, the radio will sound a continuous tone until the Home button is pressed

XTL 5000 W5: Programming a Scan List



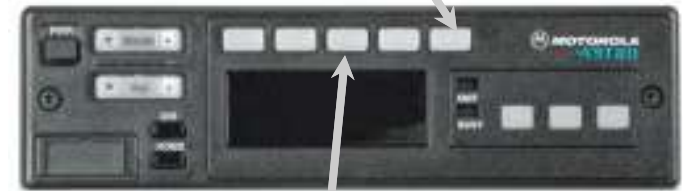
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4. Pressing the **SEL** button a second time will change the **N PRI** to **PRI**. This is advising you that this “channel” now has Priority in the scan list

5. Pressing the **SEL** button a third time will delete the “channel” from the scan list. As you scroll through the “channels” **N PRI**, **PRI** or nothing will appear next to the flashing ▲ (arrow) advising the status of the “channel” as it pertains to the scan list .

6. When finished making changes, Press the **HOME** button and the radio is ready for use

*Press SEL to
add or delete
channels when
programming a
scan list.*



Program Scan On/Off

Note:

If the radio is left in the program mode (flashing ▲) too long, the radio will sound a continuous tone until the Home button is pressed

XTL 5000 W5: Programming a Scan List



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Interruption during Programming a Scan List

- Programming can be interrupted by turning the radio OFF/On or if the PTT is pushed to transmit
- Radio will be taken out of Program Scan to Operation Mode
- If this occurs, VERIFY that changes to your Scan List have been saved by returning to Program Scan mode



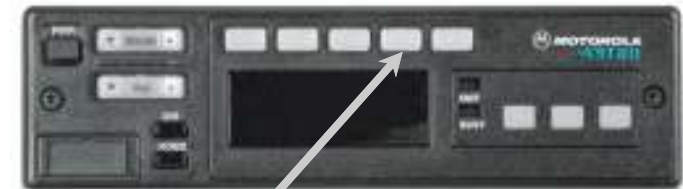
XTL 5000 W5: Nuisance Delete



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Nuisance Delete

- When the radio scans to a channel you do not want to hear, you can temporarily remove the channel from your scan session by pressing the ***Nuisance Delete*** button
- For each channel that is a “nuisance,” simply press the Nuisance Delete button, until you have only the channels you want to hear
- Channels that have been Nuisance Deleted are re-enabled by changing the Channel Selector knob or powering your radio OFF/ON



Nuisance Delete

Note:

You cannot “delete” Priority Channels

Reporting a Problem



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Radio Repair Shop

Monday - Friday, 8:00 AM to 4:00 PM
(610) 631 - 6511

- Lost or Stolen Radios
- Radio Error (Document all Error Codes)



Reporting a Problem



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Richard K. Lehwasser
Assistant Deputy Director
Montgomery County Emergency Dispatch Services
50 Eagleville Road
Eagleville, Pennsylvania 19403-1425
610-631-6542 Office
610-631-6536 Fax

Radio Incidents

Fill out a Radio Incident Report Form

Fax to: (610) 631 - 6536

Form is available to download on-line at:

www.dps.montcopa.org

Type "Radio Incident Report" in the Search

Radio Incident Report

Department:		Officer: or Operator:		
Date:	Time:	Radio Unit ID:		
Weather Conditions:				
Location:		In Building:	Outside	
		Talkgroup/Channel?		
Mobile (Unit #)		Portable (Unit #)		
Model/Type	MCS (old)	Astro (new)	MIS (old)	Digital (new)
	In Motion	Parked	On Hip	Head Level
Problem:				
Does radio make a no system "bark"? (a "bark" tone every 30 seconds)				
Does radio "bark" when you try to transmit?				
Receive problem: (explain)				
Transmit problem: (explain)				

Reporting a Problem



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For System Questions

Contact:

Rick Lohwasser, Assistant Director for Technical Services

(610) 631 - 6542

rlohwass@montcopa.org



Video Training



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Questions not answered within the video can be emailed directly to:

eoctech@montcopa.org



Video Training



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Please complete the short survey at completion of your review of relevant videos

Acknowledgement of Training

Please complete the following information in acknowledgement of viewing applicable training videos.

*** Required**

First Name *

Last Name *
Department or Company *
Please type full department or company name, not number.
Training Videos reviewed: *
Please check all that apply.

XTL Series
 XTR Series
 APX Series
 Astra Spectrum Series
 MCS Series
 MTS Series
 Other:

I certify that I have viewed and understand the information provided in the training videos selected above. I understand that if I have any additional questions regarding the training materials, I should contact my shift supervisor. *

By checking this box, I acknowledge and accept the above statement.

Please answer the following questions as they apply to the video training course. *
Lowest - Highest (1 - 5)

	1	2	3	4	5
How well did the course content meet your needs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
How much better will you be able to operate your radio, as related to your job duties, now that you have taken the course?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>