



*XTS 2500
Type II*

Montgomery County Emergency Services 800 MHz Rebanding Training

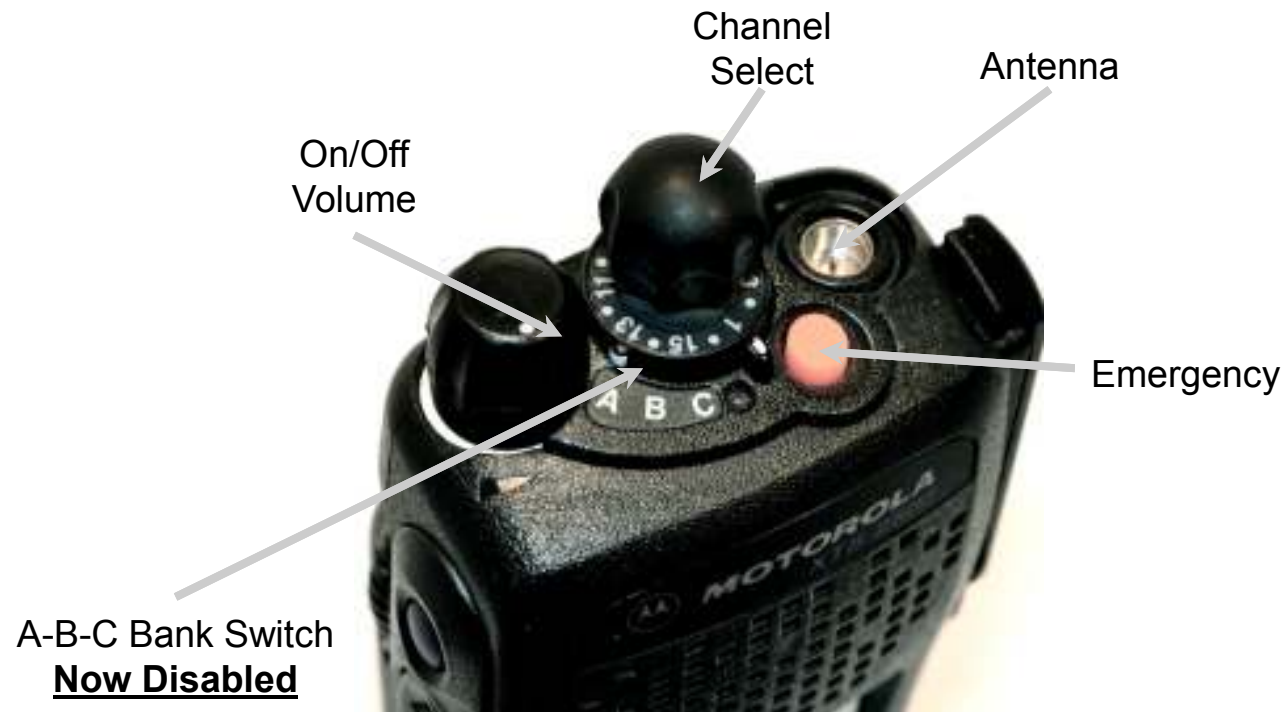
XTS 2500 Type II Portable Radio



XTS 2500, Type II: Overview



**XTS 2500
Type II**



XTS 2500, Type II: Side Panel Controls



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XTS 2500, Type II: Front Panel Controls



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Menu Select Buttons

Associate with whatever function
is directly above them

Home Button

Closes out of a programming session

XTS 2500, Type II: Front Panel Controls



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Type II**

4 - Way Navigation

- **Left/Right:** Changes soft key options on display. Navigates zones when in scan program mode
- **Up/Down:** adjusts programmable date and clock when clock mode selected. Navigates talk groups when in scan program mode



XTS 2500, Type II: Radio Power Up



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To Power up the Radio

- Turn the Volume Knob clockwise to power the radio ON
- Your Radio will always ***power up to the last channel and Scan Mode (Scan On/Off) you were tuned to when your radio was powered off***
- Display screen will read “Self Test” and radio will give a short beep upon power up

On / OFF and Volume Control



XTS 2500, Type II: Zones



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Navigate through Zones

- Press the menu select button that is directly below Zone
- Common Talk Groups are stored in **Zones** in your radio
- Prior to rebanding, **Banks** or **Zones** were associated with the A, B, and C Bank Switch
- Additional Zones to accommodate the previous Banks or Zones, plus Conventional Old and Conventional New Channels
- Zone through Zones using Left/Right Navigation Arrows 
- Press Home Button to select Zone



XTS 2500, Type II: Transmit Operation



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To Transmit

- Select the Talk Group/Channel you want to communicate with
- Listen for ongoing traffic and ensure open air before pressing the Push-To-Talk (PTT) Switch
- Press the PTT Switch, wait for the Talk Permit Tone and speak



XTS 2500, Type II: Transmit Operation



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Speaking into the Microphone

- Fully depress the PTT switch and wait for the beep. ***If you talk before you hear the Talk Permit Tone, some of what you said will be lost***
- Release the PTT switch when done speaking. For best results, keep messages brief (a few seconds)

PTT Switch



XTS 2500, Type II: Transmit Operation



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For BEST Results

- Hold the microphone about 2 inches from your mouth and speak at a normal conversation tone
- Shouting distorts your voice and DOES NOT increase radio range
- Always face the microphone

Microphone



XTS 2500, Type II: Receive Operation



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To Receive a Call

- Ensure that the radio is selected to the proper Talk Group /Channel
- When in Scan, select the channel that has the highest priority
- When turning the Scan **OFF**, this **ONLY** allows you to monitor the Channel which is in the radio display



XTS 2500, Type II: Audio Alerts



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REMEMBER! This is a Repeater-type system

If you talk before you hear the Talk Permit Tone, some of what you said will be lost

If you hear a tone when pressing the PTT, one of several things may be happening:

- No Signal
- All Channels are Busy
- Your Radio is Damaged
- Your Radio Battery is Depleted



XTS 2500, Type II: Audio Alerts



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Fail Soft Mode

- Failure of Trunking System
- Radio automatically goes to Fail Soft
- Radio will beep every 10 seconds and display “Fail Soft” on screen

Notes on Fail Soft Mode

- Many Talk Groups will be put onto one channel, so you may hear departments you normally would not hear
- ***EMERGENCY TRAFFIC ONLY!*** Resources are limited, so restrict transmissions



XTS 2500, Type II: **EMERGENCY** Operation



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The **Emergency** Button:

Used in situations that demand immediate communications.

Think “**LIFE AND DEATH**”



XTS 2500, Type II: **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



XTS 2500, Type II: **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***

