**Introduction**

The Motorola APX4000 radio is a direct replacement for the Motorola XTS2500 radio, which has been discontinued. Where possible, the APX4000 has been set up to mimic the layout of the XTS2500 in order to make the transition between the two radios as easy as possible.

**Layout**

As shown in figure 1, most of the layout remains unchanged from the XTS2500 radio. There are a few differences:

- On/Off Control
- Channel Control
- Zone Control

These differences are covered in the next section.
APX4000 Differences

On/Off Control

To turn the APX4000 radio on or off:

1. Push down on the top of the On/Off/Volume & Channel control knob for two seconds, as shown in figure 2.

![Figure 2. Push to turn radio on or off.](image)

2. Next, figure 3 shows the display prompting you to power the radio on or off.
3. Push the soft key with one dot to power the radio off.

![Figure 3. Push soft key to power off radio.](image)

Channel Control

On the XTS2500 an additional control knob was available for channel change control, on the APX4000 the channel changing function is handled from within the On/Off/Volume & Channel control knob. In the following illustration, the user needs to change from their Main talk group channel to the Dispatch talk group channel. To do this:

1. Push down on, but don’t hold, the On/Off/Volume & Channel control knob as shown in figure 2.
2. Next you will see the green channel change icon in the display as seen in figure 4.
3. While the green channel icon is present in the display, turn the On/Off/Volume & Channel control knob either clock or counter clock wise to reach the desired new channel, Dispatch 1 in this case.

![Green channel change icon](image)

*Figure 4. Green channel change icon.*

**Zone Control**

The MSU radio template consists of three separate personalities:

2. Zone 2 – Main. Home talk groups specific to individual radio template. Formally ‘B’ position.

Normally a radio remains in the Main TG personality, however upon occasion it is necessary to switch to the Events TG. The method to perform this operation is outlined below.

1. Using the Navigation Keys shown in figure 5, push the right arrow key one time.
2. Figure 5 shows that the display has changed to include Zone.
3. Push the soft key with one dot under Zone, this pulls up the Zone menu shown in figure 5.
4. Using the Navigation Keys shown in figure 5, push the up/down arrow keys to select the desired zone.

![Navigating to a zone](image)

*Figure 5. Navigating to a zone.*