

FCC Narrowbanding Mandate

ARE YOU AWARE? The FCC is mandating all VHF and UHF Industrial/Business licensees migrate to narrowband 12.5 kHz efficiency by January 1, 2013. Below is the action to become compliant.

Already Have an FCC License

1. Check your license for the emission designator.
 - A. If it's 11KXXXXX your narrowband compliant.
 - B. If it's 20KXXXXX you will need to modify your license.
2. You must change all radios to 12.5 kHz bandwidth. If the radios are not 12.5 kHz capable, you will need to purchase new radios.
3. See reverse side for instructions on reprogramming RDX Series (RDU and RDV) and XTN Series to 12.5 kHz. For information regarding other radios, please contact ProMarketing Inc. at 800-215-5160.

Apply For an FCC License

1. Contact National License at 317-564-8018 or visit www.nationallicense.com.
2. A license is valid for 10 years.
3. Upon being granted a license, you must change all radios to 12.5 kHz bandwidth. If the radios are not 12.5 kHz capable, you will need to purchase new radios.
4. See reverse side for instructions on reprogramming RDX Series (RDU and RDV) and XTN Series to 12.5 kHz. For information regarding other radios, please contact ProMarketing Inc. at 800-215-5160.

Not Obtaining an FCC License

1. We do encourage every user to obtain an FCC License to be compliant or to purchase DTR Series radios which are FCC license free.
2. Non-Compliance will be considered a violation subject to FCC Enforcement Bureau action, which may include admonishment or monetary fines.
3. Best to change all radios to 12.5 kHz bandwidth. If the radios are not 12.5 kHz capable, you may need to purchase radios.
4. See reverse side for instructions on reprogramming RDX Series (RDU and RDV) and XTN Series to 12.5 kHz. For information regarding other radios, please contact ProMarketing Inc. at 800-215-5160.

Have any questions about licensing, contact National License at 317-564-8018 or www.nationallicense.com.

For further details on narrowbanding, visit www.motorolasolutions.com/narrowbanding.

Radio Programming to Narrowband (12.5 kHz)

RDX - Non-Display

Program Mode:

1. Press and hold the Push-to-talk (PTT) & SB1 buttons down while turning on the radio until you hear a beep. LED should be flashing a green heartbeat.
2. Press the PTT button and ignore beeps after each press except on the 7th press.

1st PTT Press = first digit of frequency

2nd PTT Press = second digit of frequency

3rd PTT Press = first digit of code

4th PTT Press = second digit of code

5th PTT press = third digit of code

6th PTT press = auto scan

7th PTT press = bandwidth

A. Chirp Sound - 12.5 kHz - all set

B. Bonk Sound - 25 kHz - must press the “SB1” button to change to chirp sound.

3. Change the channel number to the next channel.
4. Repeat steps #2 and 3 until all channels have been programmed to narrowband.
5. Press and hold the PTT button until the radio chirps.

NOTE: VHF radios can only be narrowband compliant on FREQ 5, 6, 7, 8, 9, 10, 22, 27. You will need to change the frequency to be compliant if not on one of these frequencies.

UHF radios only need to be changed if on FREQ 1, 2, 5, 6, 7 or 8.

RDX - Display

Program Mode:

1. Hold Push-to-talk (PTT) & “SB1” buttons down while turning on the radio until you hear a beep. PROG should be on screen.
2. Push menu button 3 times. You should see a BW in the middle of the screen.
3. Press the “+” to change to “LO”. LO is 12.5 kHz and HI is 25 kHz.
4. Press the menu button 7 times. The display should blink CHAN 01.
5. Press the “+” button to change the channel.
6. Follow steps #2 and 3 from above until all channels have been programmed.
7. Press and hold the PTT button until PROG leaves the screen.

NOTE: VHF radios can only be narrowband compliant on FREQ 5, 6, 7, 8, 9, 10, 22, 27. You will need to change the frequency to be compliant if not on one of these frequencies.

UHF radios only need to be changed if on FREQ 1, 2, 5, 6, 7 or 8.

XTN Series

Program Mode:

1. Hold Push-to-talk (PTT) & “mon” buttons down while turning on the radio until you hear a beep. PROG should be on screen.
2. Push menu button 4 times. You should see a lower case b in the middle of the screen.
3. Press the “+” to change to “Lo”. Lo is 12.5 kHz and HI is 25 kHz.

Single Channel Radios (XV1100, XV2100, XU1100, XU2100) Press and hold the PTT button until PROG leaves the screen.

Multi-Channel Radios (XV2600 or XU2600) you must change the bandwidth on every channel. Continue with the steps below.

4. Press the menu button 2 times. The large number in the middle should be blinking.
5. Press the “+” button to change the channel.
6. Follow steps #2 and 3 from above.
7. When all channels have been programmed, press and hold the PTT button until PROG leaves the screen.

NOTE: VHF radios can only be narrowband compliant on FREQ 5, 6, 7, 8 or 9. You will need to change the frequency choice to be compliant.

UHF radios only need to be changed if on FREQ 1, 2, 5, 6, 7 or 8.