

NARROWBAND: Are you ready for the switch?

Remember the recent change to digital TV?

The radio industry is also going through a change from wideband to narrowband channel spacing. Below is the date you will need to be aware of regarding this change.

Jan. 1, 2013 -- All mandated VHF & UHF radio systems must operate in narrowband
(12.5 kHz equivalent spectrum efficiency or better).

The good news is your radios may already be compliant,
or simply need a small programming change.

We are happy to tell you in most cases the radios purchased in recent years have the newer narrowband feature already installed, it just needs to be activated. No stress, no worries!

What are the steps I need to take? There are four basic steps for migrating to narrowband:

1. Determine if your current radios are capable of narrowband.
2. Have your FCC license modified to include narrowband or obtain a new license. (See more info below.)
3. Have your radios reprogrammed.
4. Replace older non-compatible radios.

How do I change to narrowband?

Just choose a time when you can go without your radios for a few days before the deadline. Send the radios to Delmmar and we will reprogram them to narrowband. It is that easy!

What if I have “older” radios?

There will be some older radio models which will not be capable of making the change. Simply call our office to see if your radio is capable of making the change to narrowband.

What do I do now?

Choose a time convenient for you and your company to have your radios reprogrammed before the deadline. **Note: All radios used together will need to be changed at the same time.**

What will it cost?

- If you purchased your radio within the past 12 months we will reprogram if for FREE + shipping.
- For programmable radios, over one year old, the fee will be \$30 for the first unit and \$6 for cloning any identical model numbered units in the same shipment. (Example: 5 identical CP200 radios would be $\$30 + 4 \times \$6 = \$54$, plus shipping)
- We can also advise you on the cost of changing capable older model radios, as well as the price of a new replacement unit, if needed.

What does changing to narrowband mean to me? The FCC mandated the change to narrowband to allow space for more radio users. Think of a pie cut into 6 pieces. With narrowband, that pie will now be cut into 12 pieces. It will serve twice as many people, just as this change will allow for double the radio users in the same amount of space.

What happens if I do not change? You will not be compliant with the FCC mandate, and you may be subject to penalties and fines from the FCC. (Note: It is the sole responsibility of the end-user to obtain any necessary licenses and follow FCC regulations.) As we approach the 2013 deadline, as wideband is being phased out, you may not be able to purchase radios to match your existing units.

Who do I contact about FCC licensing? Contact your existing license provider, the FCC, or National License Corp. 317-564-8018 for more information. To search for your current license information go to <http://wireless.fcc.gov> and choose “license search” in the right column under licensing.

Delmmar Communications ● 800-872-2627 ● delmmar@centurytel.net ● www.eradiostore.com

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The following Motorola radios CAN be reprogrammed to be narrowband:

VL50 (factory default is narrowband)
BPR40
SP21
CP100 (including Spirit XTN series)
CP110 (including Spirit RDX series)
CP125 (including Spirit AX series)
CP150
CP200
CP185
P1225
PR400
PR860
PR1500
HT750, HT1250, HT1550
CM200 mobiles ↓
CM300
PM400
M1225
CDM series mobiles

The following Motorola radios had some models produced in narrowband call us for more info:

SP50 (including SP50+ and HP50)
P110
GP300
GP350
SM50, SM120 mobiles ↓
GM300, M10, M120

The following CANNOT be converted to narrowband:

SP10 (and related Spirit radios)
HT50, P100
P10, P50, HT10
P200, P210, HT600
MT1000
HT90, HT440
Expo
Saber Series (except Astro Saber)

Call our office if you have a model which is not listed.

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