



# RACES/CERT COMM

## Training Class **Wouxun Radio**

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# Internet Tone and Locking

Thankfully, the Wouxun radio does not support the Internet tone.

There is no way to enable or disable it.

## To lock or unlock your radio's keypad →

Wouxun Function Name: **AUTOLK**

Default: **OFF**

### To set **AUTOLK**:

1. Press **MENU** button
2. Rotate channel knob to menu item **14**
3. Press **MENU** button to select the function's options
4. Rotate channel knob to select ON or OFF
5. Press **MENU** button to select function
6. Wait 5 seconds or press the **EXIT** button to return to Channel mode.



# Transmit Level

If you are having trouble keying a repeater, you may need to boost your transmit level. The Wouxun has two transmitter output power levels: LOW (1W) or HIGH (5W). You can also toggle power levels while transmitting by pressing the TDR button. →

Wouxun Function Name: **TXP**  
Default: **HIGH**

## To change your transmit level (TXP):

1. Press **MENU** button
2. Rotate channel knob to menu item **4**
3. Press **MENU** button to select the function's options
4. Rotate channel knob to select **HIGH** or **LOW**
5. Press **MENU** button to select function
6. Wait 5 seconds or press the **EXIT** button to return to Channel mode



# Newport Beach Repeater

If you lose your settings on your radio, here is how to program your radio to the Newport Beach repeater →

The Wouxun has two primary working modes:

1. **CHFREQ** - Frequency Mode
2. **Channel Mode** - The Channel Mode has three submodes: CH - Channel Number, FREQ - Channel Frequency, and NAME - Channel Name.

## To set CH-MDF:

1. Press **MENU** button
2. Rotate channel knob to menu item **21**
3. Press **MENU** button to select the function's options
4. Rotate channel knob to select **CHFREQ**, **NAME**, **FREQ**, or **CH**
5. Press **MENU** button to select function
6. Wait 5 seconds or press the **EXIT** button to return to the Channel Mode.

To toggle between Frequency & Channel Modes:

- Press **MENU** button followed by the **TDR** button.

1. Start in Frequency Mode. Rotate channel knob to **145.160**
2. Press **MENU** button
3. Rotate channel knob to menu item **16**
4. Press **MENU** button to select the function's options
5. Rotate the channel knob to **156.7**
6. Press **MENU** button to select function
7. Wait 5 seconds or press the **EXIT** button to return to Frequency Mode
8. Press **MENU** button
9. Rotate the channel knob to menu item **23**
10. Press **MENU** button to select the function's options
11. Rotate the channel knob to **00.600**
12. Press **MENU** button to select function
13. Wait 5 seconds or press the **EXIT** button to return to the Frequency Mode
14. Press **MENU** button
15. Rotate the channel knob to menu item **24**
16. Press **MENU** button to select the function's options
17. Rotate the channel knob to **"-"**
18. Press **MENU** button to select function
19. Wait 5 seconds or press the **EXIT** button to return to Frequency Mode
20. Press **MENU** button
21. Rotate the channel knob to menu item **27**
22. Press **MENU** button to select the function's options
23. Rotate the channel knob to select **CH-001**



# Squelch

Sometimes you may hear a lot of background noise, or ambient static. You may need to adjust what's known as squelch.

Squelch is just like CB radios where if you are far away from a radio you may only hear static background noise. You can "squelch" this static by adjusting your squelch level.

The lower the squelch, more background noise is allowed to pass. A setting of 0 lets all noise pass

The higher the squelch, more blocking of background noise occurs. As you set your squelch higher, the radio will only allow stronger and stronger signals to be heard.

**We tune the squelch feature on your radio in the following ways →**

Wouxun Function Name: **SQL-LE**

Default: **5**

## To set SQL-LE:

1. Press **MENU** button
2. Rotate channel knob to menu item **2**
3. Press **MENU** button to select function's options
4. Rotate channel knob to select **0 thru 9**
5. Press **MENU** button to select function
6. Wait 5 seconds or press the **EXIT** button to return to Channel mode.



# Band Scanning

Sometimes you want to scan all of your programmed channels to see if there are any conversations happening. This can be accomplished with the “Band Scan” feature.

When you start scanning, your radio will “run” through all of your programmed channels until it hears activity that is loud enough to open the squelch. It will then stop on the channel for 5 seconds so that you can listen and see if you want to stay on that channel.

**To start scanning your bands follow these steps →**

Wouxun Function Name: **SC-REV**

Default: **TO**

The Wouxun has three scanning modes:

1. **TO** - The radio will start scanning; when it receives a signal it will "listen" for 5 secs, and then, resume scanning
2. **CO** - The radio will start scanning; when it receives a signal it will continue to listen until the signal is lost for at least 3 seconds, and then, it will resume scanning, and
3. **SE** - The radio will start scanning; when it receives a signal it will stop scanning and stay on that frequency.

**To set SC-REV:**

1. Press **MENU** button
2. Rotate channel knob to menu item **19**
3. Press **MENU** button to select function's options
4. Rotate channel knob to select **TO**, **CO**, or **SE**
5. Press **MENU** button to select function
6. Wait 5 seconds or press the **EXIT** button to return to Memory mode.

**To start scanning:**

- Start in either Frequency or Channel (Memory) mode
- Then, press the **SCAN** button.

**To stop scanning:**

- Press the **SCAN** button.



# Some Radio Usage Tips

- When talking on the radio, be sure to face the wind when talking. This will ensure that the wind does not cross the microphone so that your voice is as clear as possible when speaking into the radio.
- Be sure to always say your call sign when leaving a conversation.
  - It's polite to also say "73" to the person(s) you are finishing a conversation with. This is equivalent to saying "Goodbye" in the HAM world



# Training Wish List

- Use of keyboard/radio, how to use the hand held
  - Input frequency into memory
  - DMR/Band Ground
  - Lock/Unlock
- What if there is no repeater?
- Stuff to hook into and out
- Cross band repeater
- How to add to memory
- Mobile mount/car mount/base station
- RACES and FORMS
- Low/HF band
- WINLINK

