



Program a new frequency from the front panel.

*The Button with the green line above P1 will be referred to as the Menu Button.
The Button with the 2 red dashes above P2 will be referred to as the Back Button.*

1. **Create a new channel:** Press the Menu Button. Then use the thumb pad to select **SETTINGS**. Then, Press the Menu Button. Use the thumb pad to select **2 CHANNEL SET**. Then, Press the Menu Button. You will see **1 NEW CHANNEL**. Press the Menu Button. You will be prompted to enter a channel number. Use the numeric keypad to enter a channel number. When finished, Press the Menu Button. If you see a message **SAME CHAN!**, then you are trying to write to the currently tuned channel. Choose a different channel. You will then be asked for a channel name. Use the keypad to enter a name. Then, Press the Menu Button. If you attempt to write to an existing channel, you will see **Channel exists, replace?** Press the Menu Button to replace the existing channel. Next you will be asked for a zone to store the channel. Press the thumb pad to select a zone. Press the Menu Button. Then you will be asked to **Confirm to save**. Press the Menu Button. To finish, Press the Back Button 5 times to exit out of the menus.
2. **Select the memory location you just created:** Turn the center knob to select.
3. **Set the channel to Analog:** Press the Menu Button. Then use the thumb pad to select **SETTINGS**. Then, Press the Menu Button. Use the thumb pad to select **2 CHANNEL SET**. Then, Press the Menu Button. Use the thumb pad to select **3 Channel Type**. Press the Menu Button. Use the thumb pad to select **1 A-Analog**. Press the Menu Button. Press the Back Button 3 times to exit the menus.
4. **Set receive frequency:** Press the Menu Button. Then use the thumb pad to select **2 CHANNEL SET**. Then, Press the Menu Button. Use the thumb pad to select **12 Rx Freq**. Then, Press the Menu Button. Enter the frequency on the numeric keypad adding zeroes to the end to have 5 digits after the decimal point (14652000 for 146.52 MHz). Press the Menu Button. Press the Back Button 5 times to exit out of the menus.
5. **Set transmit frequency:** Press the Menu Button. Then use the thumb pad to select **Settings**. Press the Menu Button. Then use the thumb pad to select **2 Channel Set**. Press the Menu Button. Then use the thumb pad to select **13 Tx Freq**. Press the Menu Button. Use the keypad to enter the frequency adding zeroes to the end to have 5 digits after the decimal point (14652000 for 146.52 MHz). Press the Menu Button. Press the Back Button 5 times to exit out of the menus.
6. **Set transmit tone type and value:** Press the Menu Button. Then use the thumb pad to select **Settings**. Press the Menu Button. Then use the thumb pad to select **2 Channel Set**. Press the Menu Button. Then use the thumb pad to select **4 TCDT** (for transmit tone), **5 RCDT** (for receive tone) or **6 RTCDT** (to set transmit and receive to the same tone). Press the Menu Button. Then use the thumb pad to select **1 OFF, 2 CTC** or **3 DCS**. Press the Menu Button to save. Press the Back Button 5 times to exit out of the menus.
7. **Set transmit power:** Press the Menu Button. Then use the thumb pad to select **Settings**. Press the Menu Button. Then use the thumb pad to select **2 Channel Set**. Press the Menu Button. Then use the thumb pad to select **8 TX Power**. Press the Menu Button. Then use the thumb pad to select from **Power Lo** (1 Watt), **Power Mi** (2.5 Watts), **Power Hi** (5 Watts) or **Power Turbo** (7 Watts on 2m, 6 Watts on 70cm). Press the Menu Button to save. Press the Back Button 4 times to exit out of the menus.