



Program a new frequency from the front panel.

*The Button with the green line will be referred to as the **GREEN** Button.
The Button with the red line will be referred to as the **RED** Button.*

1. Begin by entering the **settings mode**: Press the **GREEN** button. Then Press the **Down Arrow** 4 times until you see **4 Settings**. Press the **GREEN** button again to confirm.
2. **Create a new channel**: Press the **Down Arrow** to select **2 CHAN SET**. Then, Press the **GREEN** Button.
3. **Set the Channel Type**: Press the **Down Arrow** to select **3 CH TYPE**. Then, Press the **GREEN** Button. Next, Use the arrow keys to select **A-Analog, D-Digital, A+D TX A** (receive analog and digital transmit digital), or **A+D TX D** (receive analog and digital transmit digital). Then, Press the **GREEN** Button.
4. **Set receive frequency**: Use the arrow keys to select **12 RX FREQ**. Then, Press the **GREEN** Button. Press the **RED** button to delete the current frequency. Then enter the new frequency with the numeric keypad. The frequency must be entered as 8 digits (14652000 for 146.52 MHz). Press the **GREEN** Button. Press the **RED** Button twice to exit.
5. **Set transmit frequency**: Use the arrow keys to select **13 TX FREQ**. Then, Press the **GREEN** Button. Press the **RED** button to delete the current frequency. Then enter the new frequency with the numeric keypad. The frequency must be entered as 8 digits (14652000 for 146.52 MHz). Press the **GREEN** Button. Press the **RED** Button twice to exit.
6. **Set transmit tone type and value**:
 - To use tone for TX only: Use the arrow keys to select **4 TCDT**. Then, Press the **GREEN** Button. Use the arrow keys to select **1 DCS** or **2 CTC**. Then, Press the **GREEN** Button. Use the arrow keys to select the tone frequency. Press the **RED** Button to exit.
 - To use tone for RX only: Use the arrow keys to select **5 RCDT**. Then, Press the **GREEN** Button. Use the arrow keys to select **1 DCS** or **2 CTC**. Then, Press the **GREEN** Button. Use the arrow keys to select the tone frequency. Press the **RED** Button to exit.
 - To use tone for both TX and RX: Use the arrow keys to select **6 RTCDT**. Then, Press the **GREEN** Button. Use the arrow keys to select **1 DCS** or **2 CTC**. Then, Press the **GREEN** Button. Use the arrow keys to select the tone frequency. Press the **RED** Button to exit.
 - To set the Squelch Type: Use the arrow keys to select **9 Squelch**. Then, Press the **GREEN** Button. Use the arrow keys to select SQ (Carrier Squelch), CDT (CTCSS or DCS Squelch), TONE (Audible Tone Squelch), C&T (Both), or C/T (Either). Press the **GREEN** Button to save. Press the **RED** Button to exit.
7. **Set transmit power**: Use the arrow keys to select **8 TX Power**. Then, Press the **GREEN** Button. Use the arrow keys to select from **Small** (0.2 Watts), **Low** (1 Watt), **Middle** (2.5 Watts) or **High** (5 Watts). Press the **GREEN** Button to save. Press the **RED** Button to exit.
8. **To Write to a Memory**: Use the arrow keys to select **1 Store Chan**. Then, Press the **GREEN** Button. Enter the channel number using the numeric keypad. Press the **GREEN** Button to set. You will be prompted to enter a channel name. Press the **GREEN** Button to skip. If you see **Chan Exist! Replace?**, You can press the **GREEN** Button to overwrite that memory.