Program a new frequency from the front panel.

1. If you aren't already in **VFO** mode press the **V/M** button. *(The screen will display a channel number while in memory mode).*
2. If needed **Change the Band:** Press the **BAND** button repeatedly to cycle through the bands and select the appropriate one.
3. **Set the Mode:** Press the **MODE** button. (**FM** for analog FM mode, **DN** for C4FM digital mode)
4. If needed, **Set Step Size:** Press **F**, Then **4**(Step). Use the knob to adjust the step size. Press **PTT** (does not transmit) to save.
5. **Set the Frequency:** Use the numbered keypad to enter the frequency. (6 digits – enter 146520 for 146.52 MHz)
6. **Set Repeater Shift:** Press **F**, Then **0(RPT)** to cycle through **RPT-** (negative offset), **RPT+** (positive offset) and **SIMP** (simplex).
7. If you need to change the **Repeater Offset Frequency:** Hold **F** for one second. Then use the knob to select **Menu 46 (RPT.FRQ).** Press F to change. Use the knob to select the desired offset. Then, Press **PTT** (does not transmit) to save.
8. **Set Transmit Tone Type:** Press **F,** Then **5(SQ TYP)** repeatedly to cycle through **OFF** (no tone), **TONE** (send tone on transmit), **TSQL** (tone on transmit and receive), **DCS** (digital coded squelch), **RV TN** (reverse tone – squelch if tone received), **PR FRQ** ("no-communication squelch" based on a tone) and **PAGER** (plays tone if 2 CTCSS tones are received). Then, Press **PTT** (does not transmit) to save.
9. **Set Transmit Tone:** Press **F,** Then **6(CODE).** Turn the knob to select desired tone. Then, Press **PTT** (does not transmit) to save.
10. **Set Transmit Power:** Press **F,** Then **1(TX PO)** repeatedly to cycle through and choose LOW (0.5 Watts), MID (4 Watts) or HIGH (5 Watts). Then, Press **PTT** (does not transmit) to save.
11. **Write to a Memory:** Hold **V/M** for one second to enter memory mode. Use the knob to select the memory location to write. Press **V/M** to save the frequency to memory. You will then be presented with a **NAME** entry field. Use the knob to select each letter and the **BAND** key to advance to the next letter in the name. Hold **V/M** to complete the process.

Return to memory mode by pressing the **V/M** button.
Use the knob to select the memory channel.