Program a new frequency from the front panel.

1. If you aren't already in **VFO** mode touch the **V/M** button. The screen will show VFO.
2. **Set the Frequency:** Touch the frequency on the touchscreen. Then
   1. Use the right hand dial for the selected band to enter the frequency.
   *2. Or, Quickly press the [**F MW**] button. Then touch the 9 squares icon. A numeric keypad will be displayed. Then enter the frequency with the keypad.*
   3. Or, Use the numeric keypad on the microphone to enter the frequency.
   Then touch **[ENT]**.
3. **Set the Mode:** Touch the red **[D/X]** Button repeatedly to choose from **AMS** (automatic mode select – displays a bar over the mode), **DN** (Both digital voice and data), **VW** (Voice Wide), **DW** (Data Wide) or **FM** (Analog FM).
4. **Set Transmit Tone:** Press [**F MW**] button, then touch [**SIGNALING**]. Use the upper right knob to set the value. Touch the [**BACK**] button to exit and set the value.
5. **Set Transmit Tone Type:** Press **[F MW]** button, then **[SQL]**. Use the knob to select: **NOISE, T-TX, T-TRX, T-REV, D-TRX, PRGM, PAGER,** or **D-TX**. Press the **BACK** button to exit and set the value.
6. **Set Repeater Shift:** Press and hold the **DISP** button for at least one second to enter set mode. Touch **[CONFIG]** on the touchscreen. Select Menu **4 AUTO RPT SHIFT**. Then use the knob to turn it **ON** or **OFF**. Press the **BACK** button. Use the knob to select 5 **RPT SHIFT** and touch that. Use the knob to cycle through **"-"** (negative shift), **"+"** (positive shift) and **OFF** (no shift). Press the **BACK** button to exit and set the value.
7. If you need to change the **Repeater Offset Frequency:** Press and hold the **DISP** button for at least one second to enter set mode. Touch **[CONFIG]** on the touchscreen. Use the knob to select **6 RPT SHIFT FREQ**. Touch that and use the knob to adjust the frequency. Press the **BACK** button to exit and set the value.
8. **Set Transmit Power:** Press **[F MW]**, then touch **[TX PWR]** repeatedly to select from **HI** (50 Watts), **MD** (20 Watts), **LO** (5 Watts). Press **[F MW]** to exit and set the value.
9. Write to a Memory: Press and Hold **[F MW]** for about one second, but release it quickly after that. The next available memory will be highlighted. Use the knob to select the memory location to write. Touch **[F MW]** to save to memory.
10. **Naming the Memory:** Touch and hold [**V/M**]. The memory list will be displayed. Select the memory channel to name. Touch the memory channel for 1 second or longer. The character input screen will be displayed. Enter the memory name and touch [**ENT**] to save. Touch [**Back**] to return to previous screen.

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