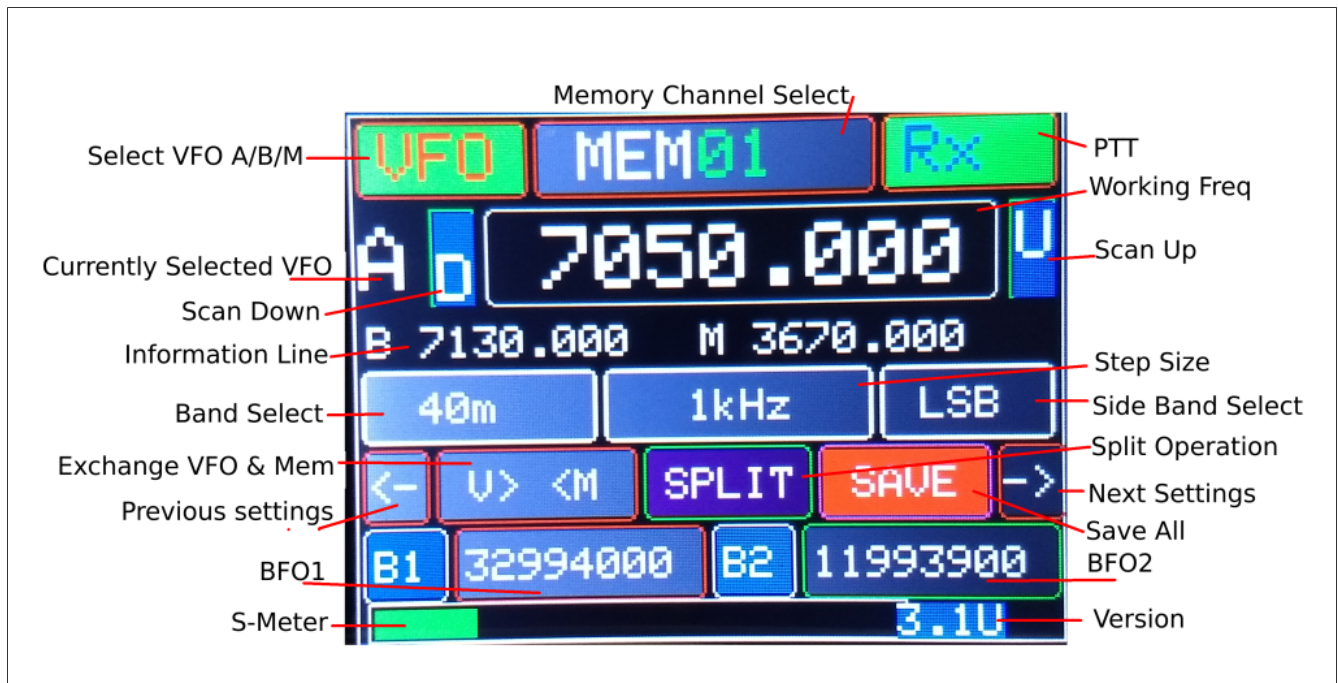


ILLUSTRATED GUIDE FOR VFO/BFO with TFT & Touch Screen

VU2SPF , SP Bhatnagar


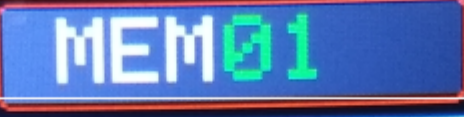

Updated for Ver 3.1cU
(August 2018)
(Low Res)

The main Screen decoded

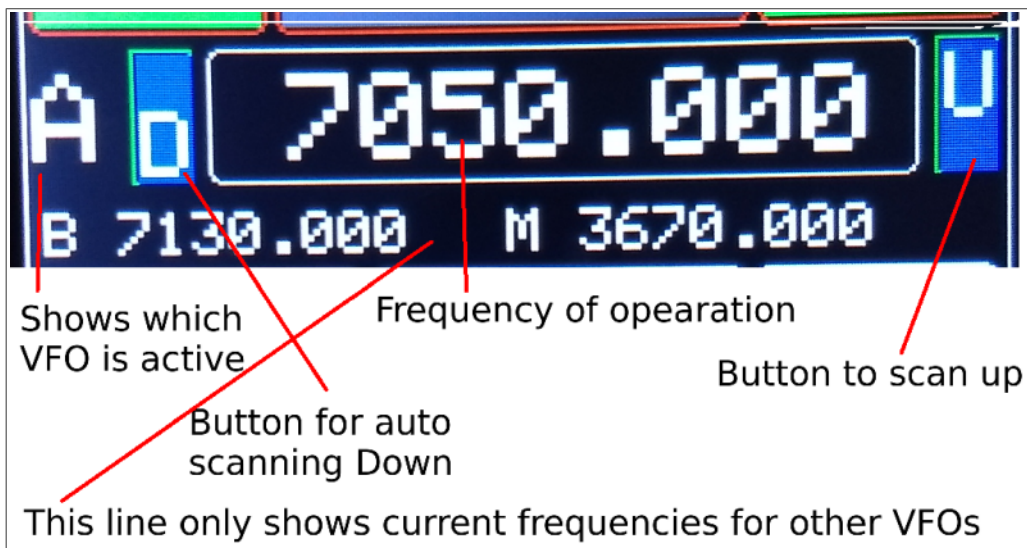


Functions of all touch buttons are shown above.
Buttons in each row are described below.

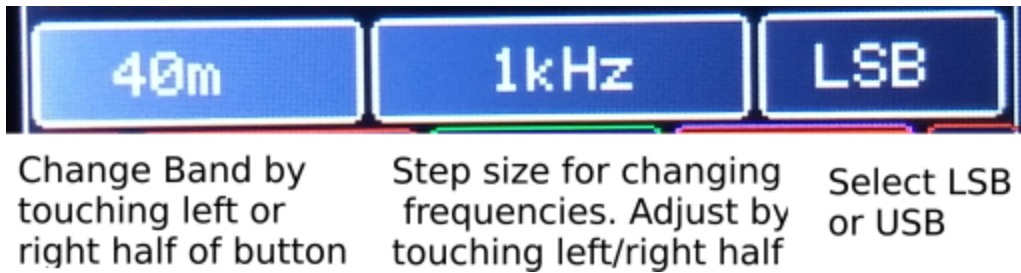
ROW 1

		
Select VFO A/B or Memory By touching on this button	Select memory channel 01 to 100. Touching on right half of button increases and left half decreases the channel number	Touching here shifts from Rx to Tx to Rx

ROW 2 & Information line



ROW 3



ROW 4

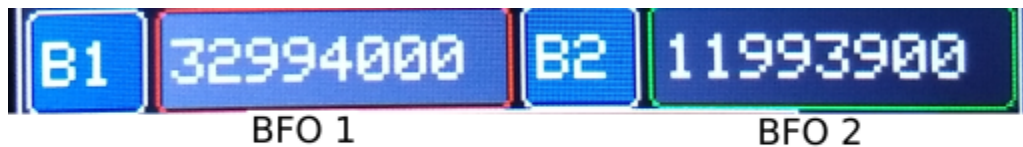


The arrows at the two ends affect the display on next row (5) which rotate.

ROW 5

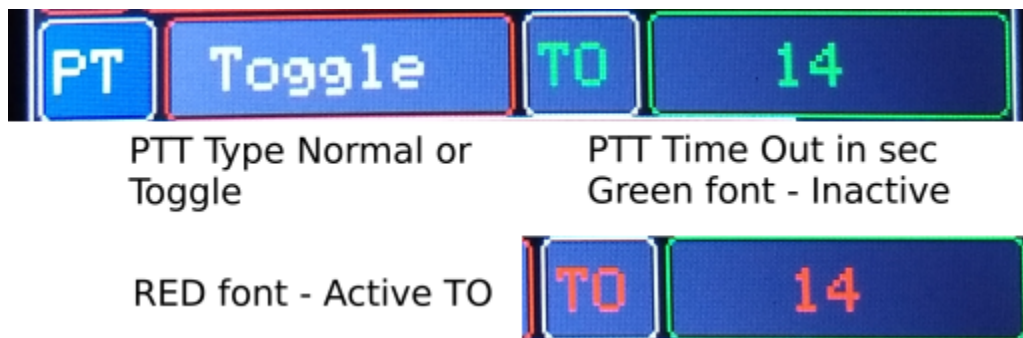
Row 5 has different appearances based on selection in Row 4 (using Arrows at both ends)

Screen 1: BFO's control

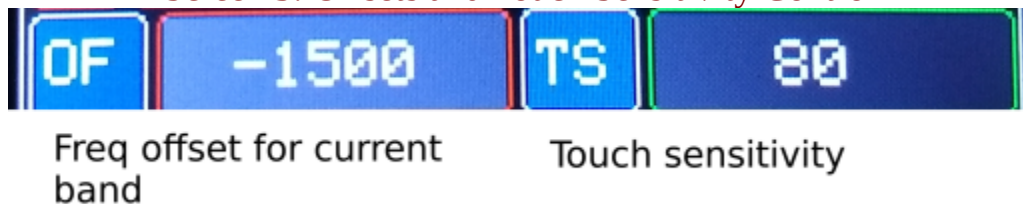


Freq of both BFOs can be adjusted by touching left/right halves of each button, in steps set in Row 3

Screen 2: PTT control

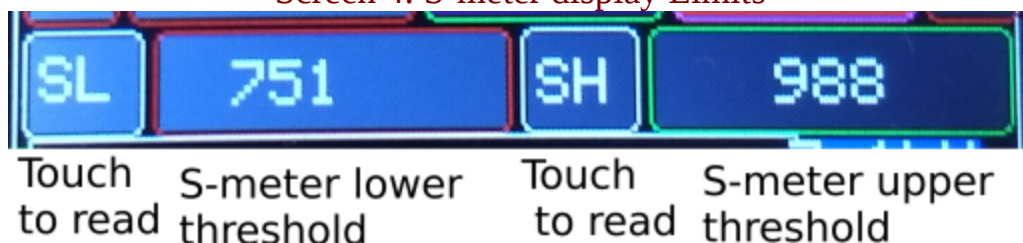


Screen 3: Offsets and Touch Sensitivity Control



The next two screens set the limits of S-meter and Power meter for proper display in the lowest part of screen as bar. The S-meter and Power meter can be set/calibrated using external means. The inbuilt version is only an indicator.

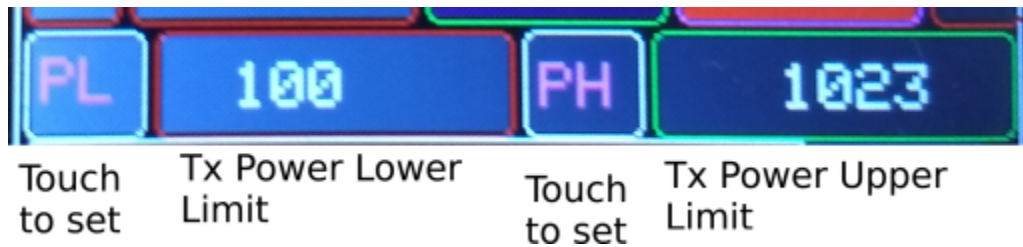
Screen 4: S-meter display Limits



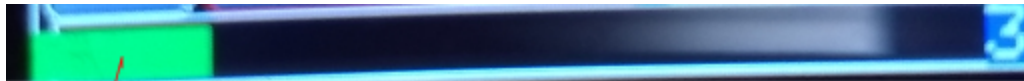
The two buttons read the current value of S-meter and display in the adjacent button box. The values can be adjusted in steps size, by touching the left and right halves of the buttons. The S-meter is a horizontal bar at the bottom of the screen. This is an uncalibrated version and shows some relative values. You may need to correlate the length of bar with signal heard.

Screen 5: Power meter display Limits

Similar to S-meter. The power levels fed to Analog Inputs are displayed.

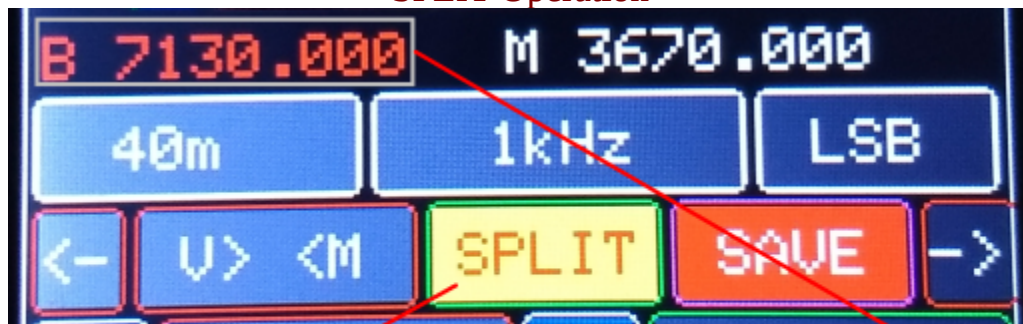


S-meter display



S-meter bar is Green, when in Tx the Power meter bar is displayed in Purple colour

SPLIT Operation



Active Split- Button is Yellow and secondary freq colour changes to red for Tx freq(VFO B) or green for Rx freq (VFO A)

When the SPLIT button in Row 4 is touched once, it turns into Yellow, indicating Split mode. Activating PTT selects VFO B for Tx. VFO A is for Rx