



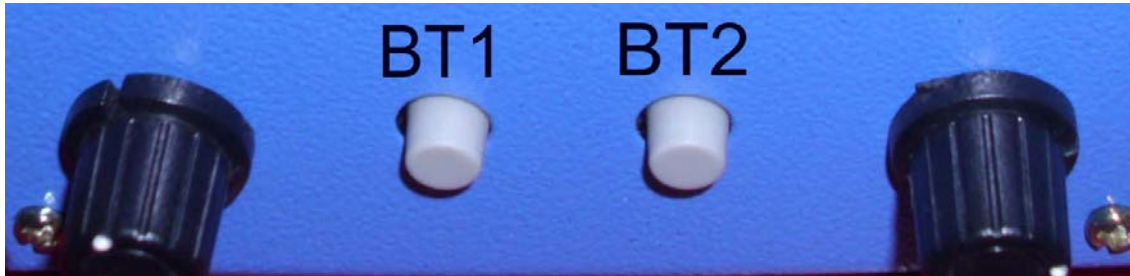
Fox Delta

Amateur Radio Projects & Kits

FD- FM RADIO-0317

Configuration / Setup Doc: PIC18F25K22 FM RADIO with PHILIPS TEA5767

Assignment: LEFT = Encoder, Right = Audio Level



Station Setup: BT2: each press of this button gives you following function:

1. Search
2. Dial Tune: Manual Dial Tune of Frequency
3. Mem: Memory Recall of stored stations

“Search” function is signal level sensitive. I suggest you ignore this function and program your local stations by way of manual tuning and saving into MEMORY.

How to add your local stations in to Memory ? :

1. Press BT2 to read “Dial Tune”
2. By turning tuning dial, Tune a station (Left Side Knob)
3. If station is good and strong (good audio) then press
4. Press BT1
5. Message “Save to Mem#1 (to 20)
6. Select memory number by turning main tuning control
7. Press BT1 again (Long Press)
8. LED blinks and LCD Message “Save to Memory #1” ****SAVED****

Follow above procedure for all available FM Radio Stations in your area and store in different memory number.

RADIO OPERATION:

At switch ON, Press BT2 to “Mem #1-20” (CPU will remember last memory used) Radio will tune to pre-programmed memory station from 1 to 20.

73s / Dinesh Gajjar
1st July 2017

For more details, please visit Project Page: <http://www.foxdelta.com>