

IC30A DDS Operation

Operation of the controls is described below



Rotary Encoder – turn to select Frequency/Select Memory. Press to change 1,10,100 KHz tuning rate/Press to store memory

Clockwise Selection

1. Memory Read
2. Memory Write
3. (Marked 0) Memory Off – Tx and Rx on same frequency
4. (Marked +) Transmit 5 MHz Higher
5. (Marked -) Transmit 5 MHz Lower
6. Scan Memory

Rotary Encoder

The Rotary Encoder performs several functions.

While memory selection is off – i.e. marked position on the memory function selector switch

1. Turn to increase/decrease frequency selection
2. Press to change the tuning increments – pressing cycles through 1, 10 or 100 KHz tuning range.

With memory write selected

1. Turn to select memory to write to
2. Press to store the current frequency

With memory read selected – turn to select required memory recall position

When the transceiver is powered on the frequency stored in memory 0 is selected