T8100 V4.32

Buttons

From left to right A B C D E

Rotary encoder used to change values when required

Long push on Rotary encoder is On/off

X indicates no function

Short push is < 3 seconds

Long push is >3 seconds

Main function		A	B	C	D	E
VFO	Short	Mem	1M step	DTMF	Scan	Rev
	Long	MWrite	6.25/25/100k	Delete	Scan set	Set Up
Mem	Short	VFO	Power	X	Scan	Rev
	Long	MWrite	X	Erase mem	ADD to SN	X
MWrite	Short	Exit no write	X	X	X	X
	Long	MWrite	X	X	X	X

Set up   push setup to step through options

RF out   Rotary encoder to change

TX Split   Rotary encoder to change

CCTCSS   Rotary encoder to change   Push encoder to select RX / TX (When RX CTCSS is set BCL is enabled)

SCAN SET   Rotary encoder to change   Push encoder to select SN or CH   long push on C to set CH to 00

Scan Delay   Rotary encoder to change
Bandwidth   Rotary encoder to change

Short push E to exit set up long push to enter Programmable TX and RX frequency

                Rotary encoder to change frequency   Push encoder to select RX or TX
Short push E to exit

Options
When power off long push on Button C to enter initial setup to select VHF or UHF radio this will also set repeater shift to 600kHZ for VHF and 5MHz for UHF
Activate Volume control on rotary encoder or disable volume control on rotary encoder

When Volume control is active on rotary encoder it will be priority until rotary encoder button is pushed or other functions are selected
When frequency is active and no action for 3 seconds Rotary encoder reverts to volume control
Volume control on radio always has priority

To Save a frequency in Memory select VFO mode and then all settings via setup button then push and hold MEM button then select Mem channel number any with a * are empty locations, push and hold MEM button to save in selected location

When exit Memory mode contents of memory are loaded in to VFO

When in Scan mode PTT will stop scan release PTT and push again to activate TX
If scan has stopped due to busy channel PTT will TX on first push and scan will stop

Display will remember last mode if power disconnected in Scan, Memory, VFO and if OFF it will remain off if power restored

There are 31 scan location that can be programmed with any of the 99 memory channels yon can also program the same memory channel in more than one scan location

Radio set up

In Data, General, Common Data Parameters, "Powerup" state set to Command Mode

In Command mode tick CCDI mode allowed

In Data, Serial communications, Serial communications setup "Baud Rate" select 19200

                          " Flow Control" None

                          " Data Port"   Aux

In PTT

Mic PTT

In advanced PTT set

      Tick box PTT state is reflected priority to Medium   audio source to CH MIC

In PTT

External PTT1

In advanced PTT set

      Tick box PTT state is reflected priority to Highest   audio source to AUX MIC

In Programable I/O

Digital

AUX_GPI1   input Pin_12 External PTT1   LOW 10

AUX GPI05   input pin_2 Power ON (standby) HIGH 10

AUX_GPI06   output PIN_9 Busy Status   LOW NONE

AUX_GPI)7   output PIN_1 Reflect PTT Status LOW none

Audio

Rx   None A-Bypass   on PTT R1   D-split Busy detect