

FT8900R - 28-29.7, 50-54, 108-180, 320-480, 700-985, 50W-29/50/144, 35W-440, 8.5A max

DIAL KNOB - rotate to select frequency or channel

Press dial knob to change Main Band to left or right side

Press and hold to change band displayed

When side is main band, press enables 1 MHz tune

Hyper memories - press and hold 1 - 6 to store configuration of both bands

short press to recall

Left or Right Buttons

Short press

Long press

Low - set power to low (5), mid1 (10), mid2 (20), high(50) channel number or alpha tag

V/M - switch between VFO or Memories

in vfo = smart search in mem = memory tune

HM - favorite home channel

Priority scan

SCN - scan band or memories

Set scan skip or preferential scan

SET - enter set menu

transfer contents of main band to VFO

(right side buttons can be set to mode 2 functions using SET menu to enable upper label functions)

MIC BUTTONS (default values)

Now set to:

P1 - Right/ left band

P2 - switch main band between vfo/mem

P3 - switch main band CTCSS or DCS mode

P4 - transmitter power main band

MEMORY STORE - in VFO mode set freq, CTCSS, DCS, repeater offset & power level, press set 1/2 sec, select ch number (or H/M to store home) press set to store -or- press set for 1/2 sec to enter alphanumeric label.

ALPHA STORE - after pressing set 1/2 sec above, rotate dial to set character, press dial, proceed to next, set ends

ODD SPLIT - set TX freq, press set 1/2 sec, select split ch, hold PTT, press set to store, display reads "- +"

DELETE MEMORY - in mem mode, press set 1/2 sec, select ch to delete, press SCN, deletes & reverts to CH 1

MEMORY ONLY MODE - press and hold left V/M while turning radio on, select F-5 m-only mode, press set

VFO w/PRIORITY - recall mem ch, select VFO, press H/M 1/2 sec, every 5 sec mem ch checked

MEMORY w/ PRIORITY - store priority in ch 1, select another mem ch, press H/M 1/2 sec, checks ch 1 every 5 sec

HOME w/PRIORITY - select mem ch, select home, press H/M 1/2 sec, checks mem channel every 5 seconds

(press V/M to exit any priority mode)

MENU SET MODE

(press SET button to enter)

1 - Auto power off 1/2 to 12H

24 - set auto mute mode

2 - Auto rptr shift on/off

25 - store alphanumeric channel tag

3 - Art's mode - in ring/out ring

26 - packet baud rate 1200/9600

4 - Band edge enable for vfo

27 - set receive band for packet

5 - keypad beep on/off

28 - program mic P1 button

6 - CPU clock shift on/off

29 - program mic P2 button

7 - CW id on/off during ARTs mode

30 - program mic P3 button

8 - CW id programming

31 - program mic P4 button

9 - set display brightness off/1/2/3

32 - squelch threshold level

10 - set DCS code (104 codes)

33 - set repeater shift direction

11 - set normal/invert DCS (N/R)

34 - set scan resume mode

12 - sub-band display format (freq/cwid/DC/off)

35 - set memory scan mode

13 - set DTMF autodialer delay time

36 - set magnitude of repeater shift

14 - set DTMF autodialer send speed

37 - set synthesizer step 5-10-12.5-20-25-50

15 - program DTMF memories

38 - set external speaker path

16 - hyper memory auto write on/off

39 - set CTCSS tone frequency

17 - internet connection mode

40 - set CTCSS encode/decode mode

18 - WIRES operation mode

41 - set time out timer 1-30 min

19 - set access number for WIRES

42 - VFO tracking mode on/off

20 - set key functions for right band

43 - mic gain (narrow/wide) & deviation

21 - key button lock on/off

44 - cross band repeater on/off

22 - PTT function lock off/left/right/both

45 - AM mode on/off

23 - microphone type MH48/MH42

46 - set receive mode auto/off