ICom-H16

Author Dave G7UZN 5th June 2001

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Extracted from the Amateur Radio AX25 BBS

Hi All Icom IC-H16 and IC-U16 owners, I have seen quite a few request's
for programming information on the above pmr hand held radio's. So here
we go!

PROGRAMMING MODE

Firstly the rig has to be put into the programming mode, this is done by
holding in the function button whilst pressing 1 5 9 3 5 7 on the keypad.
This should result in 2 dots appearing between the "ch" and the channel
number on the display
(If the above does not happen, remove the front and rear covers and remove
P1 on the logic board)

Whilst in the programming mode, if no entries are made for 60 seconds the
radio reverts back to operating mode.

To manualy return to the operating mode, either hold the FUNC key and push
CLR key or switch off and on again.

The following can be programmed on each of the 16 channels........

To select a channel simply press the 2 digit number of the ch required.

SETTING RX FREQ

Hold FUNC and 5 and whilst still holding the FUNC button in, enter the 6
digit RX freq. Followed by the ENT key.

SETTING SUBAUDIBLE ENCODE

Hold FUNC and 1 to set the subaudible (ctcss) encode freq with a 2 digit
number as follows....

01=67.0 Hz	14=110.9 Hz	27=173.8 Hz
02=71.9 Hz	15=114.8 Hz	28=179.9 Hz
03=74.4 Hz	16=118.8 Hz	29=186.2 Hz
04=77.0 Hz	17=123.0 Hz	30=192.8 Hz
05=79.7 Hz	18=127.3 Hz	31=203.5 Hz
06=82.5 Hz	19=131.8 Hz	32=210.7 Hz
07=85.4 Hz	20=136.5 Hz	33=218.1 Hz
08=88.5 Hz	21=141.3 Hz	34=225.7 Hz
09=91.5 Hz	22=146.2 Hz	35=233.6 Hz
10=94.8 Hz	23=151.4 Hz	36=241.8 Hz
11=100.0 Hz	24=156.7 Hz	37=250.3 Hz
12=103.5 Hz	25=162.2 Hz	00=none
13=107.2 Hz	26=167.9 Hz	

followed by the ENT key.

TX OFFSET

Hold FUNC and 4 to set the TX offset.....00.00 will appear if no offset
is entered (i.e. simplex). Whilst still pushing the FUNC button, push the
"up" or "down" button on the keypad, followed by a 5 digit offset i.e.
for 2M repeater....FUNC "down" 00600 ENT.
for 70cm repeater ...FUNC "up" 01600 ENT.

TX TIMER

Hold FUNC and 8 to activate the 60 second ptt timer.
(this is toggled on and off with each press of the 8 button a downward
arrow on the display indicates that the timer is active)

TX INHIBIT

Hold FUNC and 9 to toggle the transmit inhibit on and off.

SCAN TYPE

Hold FUNC and "scan" button to toggle between priority and step scan.
a priority channel number appears or disappears on the display !
        small number = priority scan
        no number = step scan

RX SUBAUDIBLE TONE

Hold FUNC and 2 to select the rx decode freq as in table above with a
2 digit number followed by ENT.

Well there you have it....It works for me!!!! One thing that most people
do not appreciate is that an U16 can be programmed and cloned to an H16
and visa versa (not operated as though)

Hope this helps....73 de Dave G7UZN @ GB7CIP