Matoz Custom Firmware v1.35.1D

(This firmware is based on and modified from the original F4HWN firmware v4.3.2)
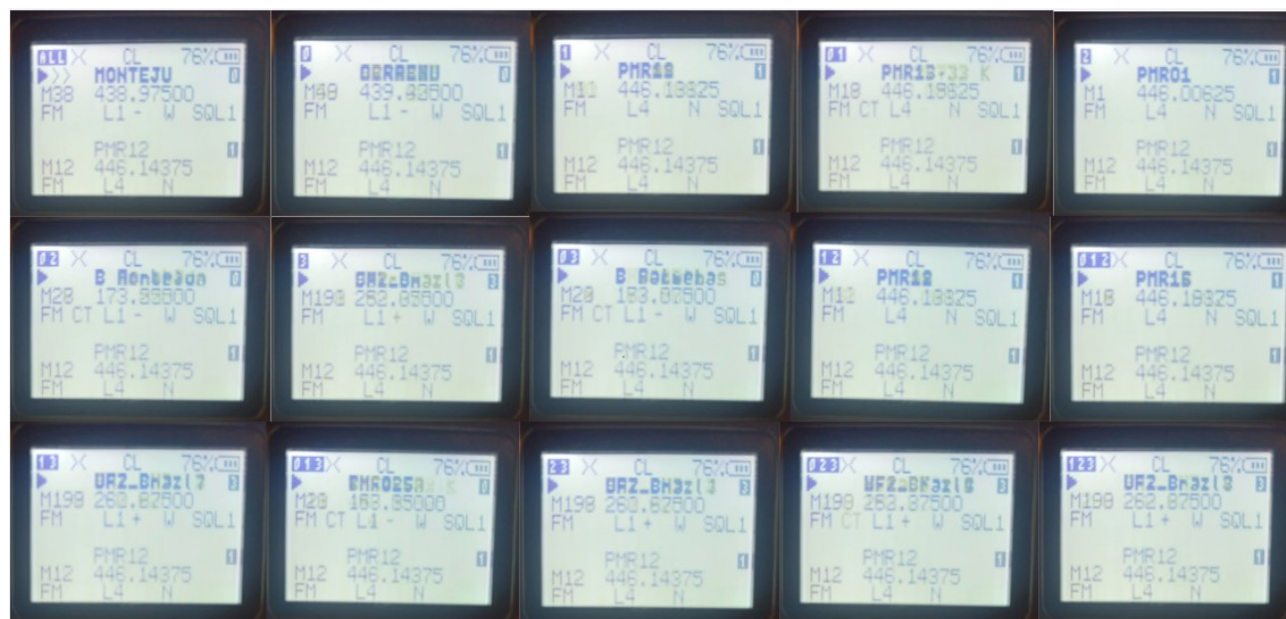
Improvement for SATCOM

Fix SOS Flashlight

POnMsg - power on message

ScanList All, 0, 1, 0+1, 2, 0+2, 3, 0+3, 1+2, 0+1+2, 1+3, 0+1+3, 2+3, 0+2+3, 1+2+3.

Add BlackList (MR/VFO)

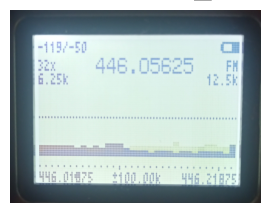While scanning press *
50 blacklist for MR
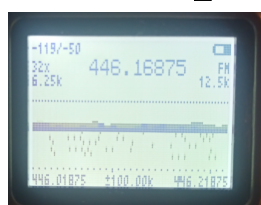50 blacklist for VFO

Add CW

Spectrum Redesign by Matoz

1 — Like original with more features
2 — Like 1 but with Waterfall
3 — Like 2 but stores the last 3
frequencies on screen
4 — Channels Scan with Slist

1 — Original

2 — Original + Waterwall

1 / 7 — increases/decreases frequency step
between consecutive bars
4 — toggles the number of bars (channels) in the
graph
2 / 8 — increases/decreases frequency step size
by which the graph is scrolled with UP/DOWN
buttons
5 — shows a frequency input box for lower sweep
frequency (value in MHz, * — decimal point)
3 / 9 — increases/decreases maximum dB value
(vertical scale)
6 — toggles receiver bandwidth
* / F — increases/decreases squelch level
0 — toggles modulation type (FM / AM / USB)
FN1 — excludes current frequency from the
spectrum scan
FN2 — toggles backlight
EXIT — exits to a previous screen/function
PTT — switches screen to detail monitoring of
last received frequency (see below)

MENU — Scrolls through the parameters
displayed at the bottom of the screen
which can be adjusted with UP and DOWN
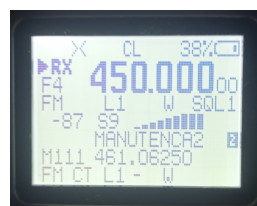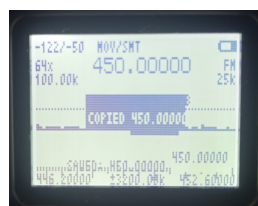buttons

LNAs — Short Low Noise Amplifier

LNA — Low Noise Amplifier
VGA — Variable Gain Amplifier
BPF — Band Pass Filter
EXIT — exits to the previous screen of the
spectrum analyzer

3 — Frequency Scan

    Similar with Original + waterfall but it
stores the last three frequencies captured and
can capture CTCSS/DCS real time *

    Keys equal to Original except
    3 / 9 — change presets
    MENU — Last peak frequency *
    Holding MENU — Copy frequency to VFO *

* — (exported to original and original +
waterfall)

4 — Channel Scan

HOLDING 5 — Change Slist
*   — Trigger +
#   — Trigger -
0   — Change modulation
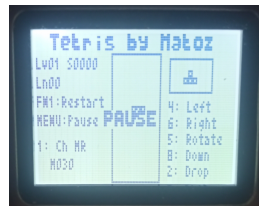FN1 — BlackList
FN2 — Backlight

MENU — Lock/Unlock channel

LCh = Last channel listened to

HOLDING MENU — Go to channel MR

Fix Tetris drop bug from MCFW v1.35.0D, add Radio FM and MR Listen

Game Controls:
4: Move left
6: Move right
2: Drop piece fast
8: Mode down
5: Pause
EXIT: Quit

Radio Features:
0 short: FM Radio
0 long: FM+MR Dual
1: MR Channel

FM/Dual Mode:
UP/LEFT: Scan freq down
DN/RIGHT: Scan freq up

MR Mode:
UP/LEFT: Prev channel
DN/RIGHT: Next channel

Green LED: RX active

Selective Call (by ozitoune)