

Firmware update instructions Update date: 2011.04.26 <Important update>

Header firmware: G90\_DisUnit\_FW\_V1d06\_buid001

Host firmware: G90\_MainUnit\_FW\_V1d06\_build002

Release Notes:

Note: This version of the firmware cannot be mixed with the previous old version. Both the head and the host must be updated to latest version.

Features & Menu:

1. Added CW decoding interface

Operational logic:

Long press KEY button to switch "CW decoding" / "waterfall image" display interface

2. Added cw zeroing frequency alignment indicator

LED with triangle icon is the alignment indicator

Note: CW decoding function will not work properly when the received cw zeroing frequency and the locally set CW side audio rate differ too much.

3. Modified SPLT logic, greatly reducing the delay of switching between different frequency transceivers

4. The software variable bandwidth filter icon and operation logic are adjusted

4.1 FL key adjustment filter low end (filter icon left) cutoff frequency

4.2 FH key adjustment filter high end (filter icon right side) cutoff frequency

4.3 A small arrow appears above the filter icon when adjusting FL/FH to indicate the currently adjusted item.

4.4 When adjusting FL/FH, the low-end frequency and high-end frequency of the current filter will be prompted in the FFT display area, and the width in the frequency domain will be represented.

5. The S/PO table is changed to a block-filled style, and the four colors of green, red, yellow, and dark gray indicate different states.

Color description:

Dark gray: background color

Green: Receive signal  $\leq$  S10 or transmit power  $\leq$  9W

Red: Receive signal  $>$  S10 or transmit power  $>$  9W

Yellow: peak hold value

6.FUNC function adjustment:

Press the FUNC key to switch the first/second function. When the second function is selected, the FUNC LED lights up, otherwise it turns off.

Exit FUNC and close FUNC LED when the main knob is pressed

7. Adjusted the volume control step, from 18 to 28, and each step is smaller.

8, fixed the CW side tone adjustment problem.

9. Optimized the structure and improved operational efficiency.

Bug fixes:

1. Fixed the problem that the switch and the hand microphone PTT could not exit after being pressed at the same time.

2. Correct the problem that the background VFO frequency is incorrect when entering the SPLT mode.