

D868UV firmware update V1.16 and V2.16

On the 2 version Firmware, we have renamed the firmware at the same number after the dot for both versions, so it came to V1.16 and V2.16 now.

We made below improvements.

1. Allow the frequency input 144.783750MHz
2. Make the fields length all 16characters.

Zone names

Channel names

Scan list names

Receive Group List name

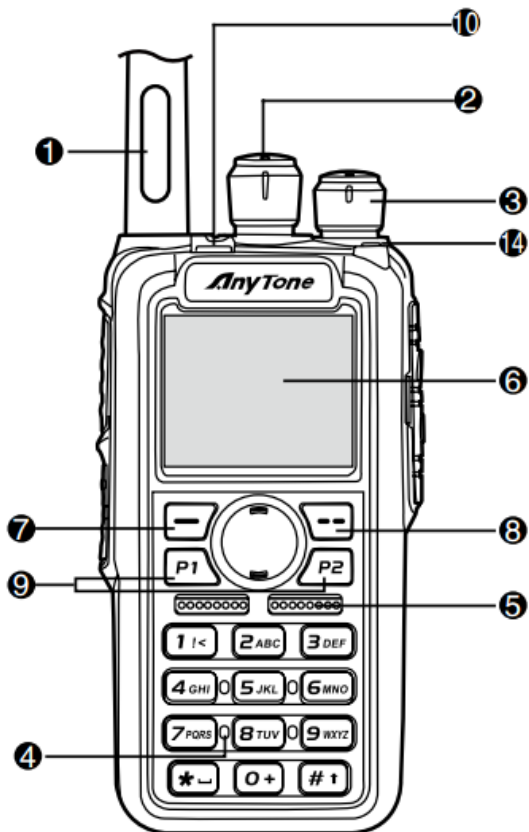
Analog Address Book name



Talk Group Name and City

3. Allow remove the scan channel from the scan list temporally.
4. Increase the maximum volume level setup
5. To enter VFO mode, no need change the radio to CH name mode firstly. Press VFO/MR key for switching the VFO and CH mode.
6. Back light time set up “off” change the name to “Always” on for better understanding
7. Turn on the back light when radio starts the scanning.
8. Turn on the back light when analog channel receives the signal.

Important Notice: After update the 1.16 firmware, you need to do the reset to the radio firstly, power off the radio firstly. Then power it on while holding the **PTT** and the **PF1 button below the PTT** at the same time. The radio will start up with a note on the display stating MCU Reset, Please Wait – and do not turn the radio off while it restarts.

Please make sure the codeplug is saved to PC before your do the update and reset.



Press 7  (Menu) key to enter the menu, press  key to the Device Info and enter into the menu to check the hardware version.

Hardware V1.0 --- Please use the firmware V1.xx for updating the radio.

Hardware V1.1 --- Please use the firmware V2.xx for updating the radio.

If you use wrong firmware for updating, the radio will not work, but it is not broken. After load into correct firmware, it will work fine.

Actually the V1 and V2 firmware *are almost* same, just in/out is different, so every time when Engineer make updates, he will issue 2 firmwares at the same time. In future, we may have V3.0 hardware with more functions AND higher cost.

The V2.0 hardware has below difference compare with V1.0 hardware.

- 1) no jumper wire
- 2) CPU IC in/out pin is different.
- 3) V2.0 hardware allows adding a small PCB board for 300 hours recording use, this is an **optional** function.

The V1.0 hardware can't add the recording board, so engineer changed the in/out pin for the recording board.

It causes the CPU firmware is not compatible.

