Important Notice: After update the firmware, you need to do the reset to the radio first, power off the radio first. 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.

After a re-start the radio will display the setting of the date and the time. Use the up-down key to set the current year. Move to the month by pushing the P1 key. Set the month, and use the P1 key to move forward each step. Once done, click the Menu key to save the date and time.

Also please set up the time zone to avoid the date/time error.

Note: After installing a new D878UV CPS version go to top menu Tool-> Options in the CPS to set GPS, BT, 500 Hour Record, APRS options as needed

Some users got the D878 to connect in Windows 10 without loading the AnyTone drivers. The PC found Windows driver that worked just by plugging in an turning on the radio.
if you get a new radio and your PC is Windows10 system, do not install the GD32 driver- plug the radio into and let windows find the driver.

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

D878UV firmware update V1.11 (dated 2019-3-22) This firmware update requires an Icon Update.

1. Resolved the issue that "go to Bluetooth and in Paired List - when I want to delete say No 2 = Chevrolet MyLink = it deletes the one above the one I want to delete"

2. Make the band changes, separate the amateur band and commercial band

3. Resolved the issue that the 5Tone encode is incorrect.

4. Add black background for menu.

5. Resolved the issue that some car BT require 6digit code for connection.

6. Resolved the issue that the BT name is incorrect after the re-connection.

7. Resolved the issue that the car player doesn't show the BT name.

8. Resolved the issue that no audio when re-connect the BT.

9. When in roaming, allow the user press PTT, the talk is effective when roaming is successful.

10. CPS->Tool->Firmware update, rename to Firmware and Icon Update.

11. Resolved the issue that Exclude Channel From Roaming was not exported.

12. Resolved the issue that amateur band is not compatible with Contact Manager.

13. Hot keys Import/Export feature added in CPS.

14. This CPS update includes a Startup Reset option to turn off MCU Reboot / Reset. CPS->Optional Settings->Power On ->Startup Reset. Default is set to OFF. To restore the MCU Reboot feature, load the new CPS, turn "On" Startup Reset in the Options -> Power On menu and write the code plug to the radio. This will allow future MCU Reboot to be enabled using the PTT & PF2 hold down during radio turn on.

15. Roaming > Out Range Note > Note Kind > Beep is now working.

16. Resolve the issue that TX TG doesn't match to the display TG.

17. Resolve the issue that voice come out from BT earpiece when transmit analog APRS.

18. Add 60S and 120S BT hold time options in BT menu.

19. Make the BT disconnect to car player after the call is done.

20. Make the radio return to main screen once finish the zone setup.

21. Add display "Booting... Please Wait!" when power on the radio.

D878UV firmware update V1.10 (dated 2018-12-30)

22. Add new menu item in radio Menu->GPS-> Start Test or CPS ->Optional Setting->Power On->Starup GPS Test. With both the Start Test and GPS function are ON, when power on radio, it will enter into GPS test mode first and stay 1minute at GPS test mode before it goes into normal mode. This function may improve the GPS lock speed. Either Start Test or GPS is OFF, the radio will start up at the normal mode.

23. Change the color of roaming icon , red means the roaming is failed, green means the roaming is successful.

24. Add the Analog APRS Signal Path in the Radio Menu - APRS.

25. In CPS ->Channel, add a function "Exclude channel from roaming", when this function is on, the roaming function is invalid in this channel.

26. Add the ON/OFF for date time display.

27. Revise the auto power off, when there is a signal come in or user press PTT key, the auto power off count time will be cleared and re-count.

28. Resolve the issue that the backlight is not off in set time when RX analog signal.

29. Add the "repeater check interval" and "times of repeat reconnections" in the radio menu - Roaming.

30. In CPS->Optional Setting ->Auto repeater-> Repeater out of range reminder(times), it will allow the user set up the reminder times for the "Repeater out of range" to show on screen.

D878UV firmware update V1.09(dated 2018-11-28)

31. Change the TG to red color when the roaming is successful.

32. Resolved the issue that the Radio will re-start when in radio check

33. Resolved the issue that when install the CPS at C:/Program Files(X86), the Firmware Upgrade can not run well.

34. Resolved the issue that Export Data Conversion File doesn't work if there are 2 Radio ID.

35. Allow the CPS to open DCF file.

D878UV firmware update V1.08(dated 2018-11-10)

36. Resolved the problem the PF3 not allow for Turo power switch.

37. In VFO mode, change the up key to increase the frequency by 1MHz, down key to reduce the frequency by 1MHz.

38. Add "Roaming Effect Wait" on roaming menu of radio.

39. Move the A or B indication behind the last call.

40. Increase the TG display when the roaming is successful.

41. CPS->Tool->Export Data Conversion File, allow convert the codeplug for Contact Manager use.

42. CPS->Channel->Analog-> Customs CTCSS, allow customize the CTCSS code.

D878UV firmware update V1.07 (dated 2018-10-23)

43. CPS->Public->Optional Setting->Auto Repeater->Roaming Display, it allows set up the roaming return channel to be current channel or the roaming channel.

44. CPS->Public->Optional Setting->Key function, add the Mute Timing function, it allows mute the radio at the set time. After it reach the set time, it will return to normal volume. The mute timing can be set in CPS->Public->Optional Setting->Other->Mute timing

45. Allow load the codeplug into radio when the roaming zone is null .

46. Resolved the problem that R icon and A icon is mixed in display when radio switch from digital channel into analog channel.

47. Resolved the problem that Repeater Out of Range is always on display.

48. Resolved the problem when assign the PF3 key to Power Switch function, it can not switch to Turbo power.

D878UV firmware update V1.06 (dated 2018-9-30)

49. Resolved the issue that DMR APRS can not work on Motorola Repeater.

50. Delete the roaming setup in each channel in CPS. All the roaming setup please refer to CPS->Public->Optional Setting-> Auto repeater.

51. Allow start the roaming function in a simplex channel.

52. CPS->Public->Optional Setting-> Auto repeater->Alert Out of Repeater range, it has Off, bell and voice for optional.

53. Change the date time display to be standard.

54. CPS->Public->Optional Setting->Display->Channel name color, allow set up the channel name to yellow or white color .

55. CPS->Public->Optional Setting->Display->Receive Backlight Delay, it will allow you turn off the backlight when RX.

56. Allow set the APRS TG in radio menu.

57. In VFO mode, press up and down key will allow to adjust the frequency at 1MHz step.

58. Resolved the issue that time slot can be switched in analog channel.

59. Hide the roaming icon in analog channel.

60. Resolved the issue that talker alias set up can not be saved in CPS.