D578UV Firmware Changelog

****** See the Separate FW Update Instructions for Details ******

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? Install the Customer Program Software (CPS) by running the <mark>D578UV_CPS_Setup_x.xx.exe</mark> setup program in the CPS Program Folder

? After installing a new D578UV CPS version go to the top Menu -> Tool-> Options in the CPS to set GPS, BT, 500 Hour Record and APRS options as needed

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

*** <mark>USB Drivers</mark> - Many users have found the Anytone radio USB will connect in Windows 10 without loading the AnyTone virtual drivers. The PC found Windows the driver that worked just by plugging in and turning on the radio. If you get a new radio and your PC is Windows10 system, do not install the GD32 virtual driver. *** Just plug the radio USB cable in to the USB port on your PC and let windows find the driver. *** If Windows 10 fails to load a USB driver please see the separate Virtual USB Driver Installation Instructions.

D578UV firmware update V1.12 (dated 2021-02-06)

Change List

NOTICE- According to some customers, the official factory release of CPS v1.12 was defective. Until this is corrected by the factory, the included CPS v1.12g seems to be working correctly.

1. CPS->APRS-> AprsDisTime, allows to set the APRS display time on the screen.
2. CPS->APRS -> AprsAltData, allows to set the APRS altitude to fixed beacon use.
3. CPS->Optional Setting -> Key function, rename the key function " FM radio" to "AM/FM"
4. CPS->Public -> APRS -> Analog-> Digipeater Path, allows to input more digipeater paths.. (for all D578UV models)
5. CPS->Optional Setting ->GPS Ranging ->Time Zone change from GMT to UTC
6. Change the channel type indicate icon to cyan color when the mixed channel receive analog signal.
7. CPS->Optional Setting -> Alert Tone -> Key Tone, change to turn off the key tone only. Other beep tones are keeping on.
8. CPS->Analog->5Tone ->5Tone decode units, allows to filter the income 5Tone ID. For example, if the setting is 109, the radio will receive all the calls 5Tone ID start with 109.

Firmware version: V1.12
CPS version: V1.12
SCT 3258 version: V2.01.07 BA （same, no need update）
BT Version: 10036 (last version is 10033, you can stay at 10033 if you don't need to use Android APP).

D578UV firmware update V1.11 (dated 2020-09-18)

Change List

1. Improve the firmware issue that cross band repeater Analog –> Digital or Analog -> Analog doesn't transmit the audio.
2. Improve the firmware issue that manual dial TG TX in simplex channel doesn't show busy when the radio is receiving.

Simplex Channel for a Hotspot   TX Permit = Channel free or Different CC
Manual dial a TG

When you PTT when the radio is RXing someone the Radio does not show Bussy

It just lets you TX into the Hotspot

It should see that it is in use and show Bussy

3. Improve the CPS issue that channel setting TX permit set to Same Color Code, reopen the channel setting will show Always.

Firmware version: V1.11

CPS version: V1.11

SCT 3258 version: V2.01.07 BA （same, no need update）

BT Version: 10036 (last version is 10033, you can stay at 10033 if you don't need to use Android APP).

D578UV firmware update V1.10N (dated 2020-09-08)

Change List

1. Improve the issue that radio will grab a TG when the repeater is in Call Hold Off time.
2. Improve the issue that "GPS information doesn't display with using a programmed "GPS info" key when only analog channels are in use".
3. Improve the issue that "By receiving Dmr in Simplex and Double Slot mode, several times the demodulated audio of first word is missing".
4. CPS->Channel -> Analog, R5toneBot, R5tone Eot, allows to set different 5Tone PTT ID for each channel.
5. Resolve the issue that "By composing a 5 tone using Manual Dial (Book, Manual Dial, typing Input ID and pressing PTT, the "stop code" defined in 5 tone setting is not considered as silence (stop code and stop time) but as a tone".
6. When 5Tone -> Beep Tone & Respond are enabled, the radio will respond with itself ID.
7. CPS->Key function, add APRS send to the key function. The radio will transmit the APRS information (longitude, latitude,etc..) to the receiver when user press the "APRS send" key.
8. Improve the issue that digital monitor displays wrong time slot.
9. Improve the issue that "Keeping the sub band enabled, reception on the Main band is often lost or is very delayed".
10. Improve the issue that "After decoding a 5-tone call in repeater mode, the 5-tone response is sent only after the repeater has dropped out".
11. Improve the issue that "By configuring the 5 tones selective call for different call types, starting from when the RF carrier is on pushing PTT, the timing of the beginning of 5 tones sequence   does not correspond to the summation of pauses configured in 5 tone setting windows in the CPS. Unexpected delay is also present using DTMF and 2 tone"
12. CPS->Digital -> Talk Groups, allows the entry of talk group numbers maximum 16777215.
13. When viewing Last Heard contact, Options selection is not available, like it is on the 878. Add the Options selection to D578.

Firmware version: V1.10N

CPS version: V1.10N

SCT 3258 version: V2.01.07 BA （same, no need update）

BT Version: 10036 (last version is 10033, you can stay at 10033 if you don't need to use Android APP).

D578UV firmware update V1.09N (dated 2020-6-16)

Change List

1. CPS->Optional Setting ->Display -> Zone Name Colour, allows to set the display color of zone name.
2. CPS->Optional Setting ->Other -> Auto shut down type, allows to set the auto power off count time be

affect by call or not.

3. Improve the issue that radio has Click sound during scan.
4. CPS->Channel ->DataACK Disable, allows to disable the radio response to repeater data service request. It helps to improve the radio freeze issue.
5. Press Menu key on radio to stay at the channel with signal permanently when it finds a signal during scanning. The radio is unable switch to that channel If the channel doesn't belong to a zone.
6. Change the default date time to year 2020.
7. Separate the TOT prompt tone and the beep tone.

Firmware version: V1.09N

CPS version: V1.09

SCT 3258 version: V2.01.07 BA　（same, no need update）

BT Version: 10036　(last version is 10033, you can stay at 10033 if you don't need to use Android APP).

D578UV firmware update V1.08 (dated 2020-5-18)
Change List

8. Allows the radio send APRS in the hold time.
9. Improve the issue that radio gets stuck when both APRS and Roaming are ON.
10. Improve the issue that SMS format is incorrect when CPS reads the data from radio.
11. Set SMS default to M-SMS.
12. Allows to set multiple signal paths for APRS and separate by comma.
13. Improve the issue that DMR mode is incorrect when CPS reads the data from radio.
14. Release the APP for Android mobile phone use.

Firmware version: V1.08

CPS version: V1.08

SCT 3258 version: V2.01.07 BA　（same, no need update）

BT Version: 10036　(last version is 10033, you can stay at 10033 if you don't need to use Android APP).

D578UV firmware update V1.07R (dated 2020-4-30)
Change List

1. Improve the issue that radio send APRS at wrong time slot.
2. Improve the issue that radio transmit at wrong time slot randomly.
3. Improve the issue that CPS doesn't load the QX FW Update program as full screen.
4. Add notice in CPS for Import Operation.

Firmware version: V1.07R

CPS version: V1.07R

SCT 3258 version: V2.01.07 BA　（same, no need update）

BT Version: 10033　（same, no need update）

D578UV firmware update V1.07 (dated 2020-4-25)
Change List

1. Resolve the issue that analog RX with CTCSS/DCS is intermittent.
2. In CPS-Optional Setting - STE, add STE time setting, it is for analog squelch tail eliminator.

3. Resolve the issue that export has problem when check on the "**Exclude Channel From Roaming**" and "**DMR MODE**".
4. Add CTCSS/DCS Scan
5. Resolve the issue that Call Tone /Call Reset Tone/Channel Idle Tone have noise.
6. Resolve the issue that 220MHz analog repeater channel no RX audio.
7. Change the APRS RX display to callsign instead of channel name display.
8. Add the "channel name/frequency display switch" to the key function.
9. Add SFE operations to the radio menu.
10. Improve the TX cut off issue
11. Improve the issue that no RX when receive a signal from analog repeater with CTCSS decode signaling （need verification from tester）
12. Change the maximum bluetooth dormant time to 4minutes, and add OFF option to the BT dormant time.
13. Improve the issue that radio transmit to wrong TG
14. Rename the key function "Program Scan" to "VFO Scan" to avoid misunderstanding.
15. Resolve the issue that auto APRS and auto Roaming don't work when the group call/private call hold time set to Infinite.
16. Improve the issue that radio stuck /reboot when both auto roaming function and auto APRS function are on.

Firmware version: V1.07
CPS version: V1.07
SCT 3258 version: V2.01.07 BA 　（same, no need update）
BT Version: 10033 （same, no need update）

Import Notice on the Export and Import function.
The new CPS 1.07 has some increased items, which cause it is not compatible with the old version CPS. We recommend to do the below operation.
1) Use the CPS 1.06 to save the codeplug to .rdt file.
2) Use the CPS 1.07 to open the .rdt file.
3) Use the CPS 1.07 to export the files.
4) Use the CPS 1.07 to import the files.
The .rdt file is always compatible with old versions CPS.
The import/export is not compatible with the old version CPS, import/export should be done in the same CPS.

D578UV firmware update V1.06 (dated 2020-1-18)
Change List
Improved the RX stuck up issue

Firmware version: V1.06
CPS version: V1.06n
SCT 3258 version: 2.01.07BA
BT version: 10033

SCT3258 version is same, no need updates on the SCT3258.
Anytone is on CNY holiday Jan19-Feb 2, any comments please send to the Anytone dealers, we will collect and improve after the CNY holiday, thanks.

D578UV firmware update V1.05 (dated 2019-12-25)

Change List

1. Resolve the issue that Beep sound doesn't work when repeater is out of range.

1. Resolve the issue that up/down key function on microphone is reverse in VFO mode.

2. Revise the beep tone time setting.

3. Add off option for Talker Alias and SMS

4. Resolve the issue that APRS-Auto TX interval setting in CPS doesn't match the radio menu.

5. Add GPS On/Off in the key function

6. Add   BT On/Off in the key function

7. During scanning, the removed channels from channel list will revert back after switching zone.

8. CPS->Channel ->Digital ->multi-key , add encryption (MKE) function. (Note: When use the MKE function, make sure turn off the sub channel, otherwise the RX will be affected)

9. CPS->Channel ->Digital ->radom key, allows the radio transmite the radom key encyrption.

10. Resolve the issue that when roaming is ON, the POP-up screen shows OFF.

11. Resolve the issue that in APRS section, Slot2 selection is radio broadcast for Slot1 and vice versa.

12. Resolve the issue that the car audio stops when start the roaming function.

13. Resolve the issue that the car audio stops when APRS is transmitting.

14. Resolve the issue that the fan remains on after the temperature has returned "low"

15. Resolve the issue that the power is low in single frequency repeater function.

16. Optional Setting ->Display ->Standby Char Color, allows to set different colors.

17. Resolve the issue that D578UV set encryption have Chinese prompt message

18. Modify the Mode 0018 to allow receive on full frequency band.

19. CPS-Optional Setting - Other- Weather Alert and Weather channels, matches to the radio menu.

20. CPS-Public-Channel-SMS Confirmation, update the help information

21. CPS-Public-Channel-Call Confirmation, update the help information

Firmware version: V1.05

CPS version: V1.05

SCT 3258 version: 2.01.07BA

BT version: 10033

D578UV firmware update V1.03 (dated 2019-10-31)

Change List

1. In CPS->Optional Setting -> Key function -> Short key push, long key push, allows the channel selector programmable for different functions.

2. Resolved the analog APRS can not reach aprs.fi issue.

3. Resolved the issue that the GPS info doesn't show on screen when press the programmed "GPS info" key in an analog channel.

4. Resolved the issue that digital - digital cross band repeater function will cause the radio stuck.

5. Improved the MMDVM RX signal chopping issue.

6. Resolved the issue that B band digital channel no audio when A band analog channel in scanning mode.

7. Resolved the green indicate light flash issue during scan.

8. Improved the Weather alarm function.

9. Resolved the issue that digital-analog cross band repeater function doesn't work when digital monitor is ON.

10. In CPS->Optional Setting -> Key function, new key function "repeater" which allows to assign a key to turn

ON/OFF the cross band repeater function.

11. Resolved the issue that # key will not save the contact and color code when digital monitor is ON.

12. In radio menu - setting - radio set - Fan open, add "both" option to allow the fan open in both conditions.

13. When cross band repeater function is ON, the TX prohibit function will be invalid.

14. Resolved the cross band repeater sometimes doesn't TX.

15. Improved the MMDVM RX signal will cause radio stuck issue.

16. Resolved the band doesn't correctly save in DCF file.

17. Resolved the issue that AES code only 32numbers when open a codeplug.

18. Resolve the issue that APRS import/export doesn't work well.

19. When repeater function is ON, the radio will auto disable Optional Setting - Volume/Audio - Maximum Volume, to resolve the low audio issue in repeater mode.

20. Resolved the issue that Menu and Exit key on microphone is invalid when repeater function is ON.

21. Resolved the issue that certain callers will not decode and show up as being received on the D578UV radio

Firmware version: V1.03

CPS version: V1.03

SCT 3258 version: 2.01.07BA

BT version: 10033

D578UV firmware update V1.0a (dated 2019-4-30)

Change List

1. Add functions Zone+、Zone-、Menu、Exit to the PA-PD programmed keys in CPS

2. Correct the microphone UP/DOWN key function

3. Resolved the issue that Radio Voltage indicator shows wrong value:1.37 Volts instead of 13.7 Volts

4. Resolved the issue that Chinese language is there when set up GPS antenna

5. Allow the PUSH key to switch date/time set after Reset.

6. Add "Export Data Conversion File" function in CPS.

7. Allow the D578 CPS open D868/D878 codeplug directly

8. Add "Exclude channel from roaming" function in CPS.

9. Resolved the issue that CTCSS tone can not be edit in CPS.