



AT-D878UV

Firmware & CPS Change Log

Important: MCU Reset Required After Firmware Update

After Updating the firmware, make sure you turn the radio back off, Press and hold the PTT and PF1 Button, and while holding them, turn the radio back on. Keep holding them down. You should see “Are you sure you want to Initialize Radio” on the screen. Release when you see this, and press confirm. Radio will reboot and must be time must either be set or just press confirm to get to the main screen so you can reload your codeplug.

***** USB Drivers** – For Windows 10 and Windows 11 systems, you do not need to install any drivers. Connect the radio with the programming cable, turn on the radio, and once it is fully booted up, Windows will detect and install the correct drivers. If you are still on the Date and Time screen, it will not detect the radio. You must be on the main radio screen.

For Windows 7/8 Systems, please install the USB driver available at:

<https://w9jam.com/anytone-firmware-cps-guides/>

Firmware V4.01b | 2026-09-21

Changes

1. **CPS > Optional Setting > Other > EXT PTT Lock:** Added an option to lock the PTT key and inhibit transmission.
2. Fixed an issue where waking the radio at night could cause the display to flash completely white for a split second before the normal frequency display appeared.
3. **CPS > Tool > JSON Data Import/Export:** Added the ability to export a JSON file containing Optional Settings and other radio settings. Importing the JSON file preserves the maximum number of compatible settings across the D878UV, D878UVII, D578UV, D168UV, and D890UV models.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V4.01b	V4.01	V1.23	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V4.00 | 2025-08-15

Changes

1. **Removed Satellite Functionality:** Due to CPU memory limits on the D878UV architecture causing intermittent system freezes on firmware V3.08N for some users, the Satellite function has been removed in V4.00 while retaining all other features and improvements since V3.04. *(Note: Users who are not experiencing freezes and wish to keep Satellite functionality may remain on firmware V3.08N).*
2. Fixed an issue where APRS data could not be downloaded in the CPS.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V4.00	V4.00	V1.23	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.08N | 2025-06-14

Changes

1. Fixed an issue in firmware V3.07 where the monitor function failed to open the audio speaker to white noise.
2. Fixed an issue in firmware V3.07 where custom background images caused the radio to freeze.
3. Fixed an issue in firmware V3.07 where setting channel modes to A+D or D+A prevented signal reception and disabled analog monitoring.
4. Fixed an issue where the voice notification for "Repeater Out of Range" failed to play on the D878UV and D878UVII.
5. Fixed an issue where Satellite TX frequencies were incorrect.
6. Fixed an issue where Satellite pass predictions were inaccurate.
7. **Bluetooth Update (Module V10046):** Improved Bluetooth PTT auto-reconnection stability when brought back into close proximity with the radio.
8. Configured the radio to remember paired Bluetooth PTT devices across reboots for seamless reconnects after powering on.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.08N	V3.08	V1.23	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.07 | 2025-04-29

Changes

1. Resolved issues affecting analog and digital APRS performance.
2. Fixed an issue where the **Edit** button was missing from the GPS Info menu.

3. Fixed an issue where the Satellite AOS elevation limit was not enforced.
4. Fixed an issue where setting squelch to 0 in Satellite mode produced no receiver audio.
5. Fixed an issue where the satellite name failed to display after satellite orbital data was loaded.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.07	V3.07	V1.23	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.06 | 2025-01-23

Changes

1. Added Maidenhead grid square locator display on the GPS information screen when a valid GPS lock is established.
2. **Satellite Mode:** Allowed APRS transmissions by pressing **PTT + PF2** (configured under **CPS > Tool > GPS Satellite Data Update > AprsTxFreq(Hz)**).
3. **Satellite Mode:** Allowed Armed CTCSS/DCS tone bursts by pressing **PTT + PF1** (configured under **CPS > Tool > GPS Satellite Data Update**).
4. Separated Color Code settings for TX and RX in channel configuration. When importing older **.rdt** codeplug files, the CPS will prompt to match TX Color Code to RX Color Code.
5. **CPS > Optional Setting > GPS/Ranging > Sate Aos Limit:** Added configurable elevation/degree threshold limits for satellite tracking.
6. Fixed an issue in firmware V3.05 where APRS transmission was disabled.
7. Fixed an issue where a 250 ms silent transmission occurred even with STE (Squelch Tail Elimination) set to OFF.
8. **CPS > Tool > GPS Satellite Data Update:** Added **.CSV** file import/export capabilities for satellite ephemeris data.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.06	V3.06	V1.22	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.05 | 2024-12-12

Changes

1. **Satellite Function:** Allowed independent power level adjustments for Satellite mode. Press the ***** key in Satellite mode to toggle power levels.
2. **Satellite Function:** Fixed an issue where the radio froze during satellite pass calculation.
3. **Satellite Function:** Configured the radio to stay in the Satellite menu continuously, bypassing menu exit timeouts (exit manually using the Return key).

4. **CPS > Tool > Satellite Data Updating:** Added support for custom URL entries for satellite data downloads.
5. **CPS > Digital > Master ID:** Added Master Radio ID configuration. Assigning the Master ID under **Radio Menu > Setting > Channel Set > Radio ID** forces all channels to utilize the designated public Master ID globally.
6. **Radio Menu > GPS > GPS Info:** Added feature to save current GPS coordinates directly to a fixed beacon location.
7. **CPS > Optional Setting > Key Function:** Added **ANA SQL** side-key shortcut for quick analog squelch level adjustments.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.05	V3.05	V1.22	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.04 | 2024-09-15

Changes

1. Added Satellite Tracking and pass prediction feature.
2. Updated the active GPS lock icon to a green satellite indicator (designed by IK8JHL).
3. Added support for exporting and importing ARC4 and AES256 encryption configurations via **.CSV** templates in the CPS.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.04	V3.04	V1.22	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.03 | 2023-12-18

Changes

1. Improved scan speed and added filtering to ignore brief signal bursts.
2. Updated SMS functionality to support Text Capture on BrandMeister networks.
3. Updated the CPS to restrict reading AES / ARC4 encryption keys directly from the radio or codeplug files. *(Note: Export encryption keys using older CPS versions and save them to your PC prior to updating).*
4. **CPS > Optional Setting > Key Function:** Added **Dim Shut** key assignment to completely disable display backlighting and LED indicators.
5. Updated AES encryption functionality to utilize a variable initialization vector (IV) rather than a fixed string (**12345678**).

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.03	V3.03	V1.22	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.02 | 2023-04-21

Changes

1. **CPS > Digital > ARC4 Encryption:** Added Motorola-compatible ARC4 encryption support.
2. **CPS > Optional Setting > Digital > Voice Header Repetitions:** Added configurable voice-header repetitions to improve synchronization and audio decoding reliability on receiving radios.
3. **CPS > Optional Setting > Digital > TX Preamble:** Added preamble duration settings for data transfers to improve packet synchronization.
4. Improved SMS confirmation mode compatibility with third-party radio hardware.
5. Updated **Call Alert** behavior for full ETSI recommendation compliance.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.02	V3.02	V1.22	V2.01.07 BA	10033 / 10036 / 10043 / 19043

Firmware V3.01 | 2022-11-04

Changes

1. **Channel > Analog > 5Tone ID:** Aligned 5-Tone decoding standards on the current channel with 5-Tone encoding settings.
2. Restricted reading of AES256 encryption keys from the radio (write-only for security).

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.01	V3.01	V1.22	V2.01.07 BA	10033 / 10036

Firmware V3.00 | 2022-10-14

Changes

1. Added a **None** selection option under **Settings > Chan Set > Rx Group List**.
2. **Talk Group Alerts:** Added an Online Alert feature per Talk Group to sound an alert beep whenever a contact transmits on that specific TG.

3. **CPS > Global Parameters:** Added configurable alert tone triggers when digital channels transition to idle:

- **0:** Beep Off
- **1:** Beep on slot completion (LED blue to off)
- **2:** Beep on carrier drop (LED green to off)
- **3:** Beep on either slot or carrier drop

Firmware	CPS	Icon	SCT 3258	Bluetooth
V3.00	V3.00	V1.22	V2.01.07 BA	10033

Firmware V1.27 | 2022-04-11

Changes

1. Automatically disables the sub-band when GPS Roaming is active to prevent the sub-band VFO from jumping channels randomly.
2. Removed **Monitor** and **SubPTT** assignments from long-press side key options in the CPS.
3. Fixed an issue where exporting **.dcf** files failed when using Contact Manager V270.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.27	V1.27	V1.22	V2.01.07 BA	10033

Firmware V1.26 | 2021-12-10

Changes

1. Fixed an issue in firmware V1.25 where radios failed to establish contact with repeaters.
2. Fixed an issue where Talker Alias settings were omitted from exported **.CSV** files.
3. **CPS > Tool > Channel Talker Alias Operation:** Added bulk select/deselect options for Talker Alias across all channels.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.26	V1.26	V1.22	V2.01.07 BA	10033

Firmware V1.25 | 2021-11-30

Changes

1. Allowed users to select Talk Groups and RX Group Lists when creating new channels directly from the radio menu.
2. Improved stability during Single Frequency Repeater (SFR) operation.
3. **CPS > APRS > Analog**: Added 8 analog TX frequency groups. Channels can select specific transmission frequencies under **Analog APRS Report Freq**.
4. **CPS > Common Setting > Channel > DMR Mode**: Added **DCDM TS Split** mode, allowing transmission on the secondary time slot while receiving on the primary slot (for use with D578UV repeater mode).
5. **CPS > Common Setting > GPS Roaming**: Added GPS coordinate location lists to automatically switch radio zones when within a set radius.
6. **CPS > Common Setting > Zone > Zone Hide**: Added option to hide unused zones from the display menu.
7. **Radio Menu > APRS > APRS SMS**: Added APRS text messaging functionality to send and receive text messages between compatible radios (requires optional BT+APRS board).
8. **CPS > Common Setting > Optional Setting > Key Function**: Added **Ana APRS Info** shortcut for fast access to received APRS packets.
9. **CPS > Common Setting > Channel > Send Talker Alias**: Changed Talker Alias to a channel-specific setting rather than a global parameter.
10. **CPS > Tool > APRS Information Manager**: Added ability to read and export log histories of received APRS messages.
11. **Messages**: Added a **Drafts** folder to save unsent SMS messages for re-transmission.
12. Added support for time zones: GMT+5:30, GMT+5:45, GMT+4:30, GMT+3:30, GMT-3:30, and GMT+8:30.
13. Lowered incoming APRS message display priority so received packets do not interrupt active radio menu navigation.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.25	V1.25	V1.22	V2.01.07 BA	10033

Firmware V1.24N | 2021-05-31

Changes

1. Fixed an issue where FM Radio could not be turned off from the radio menu.
2. Corrected an issue where the auto-transmission interval setting under **CPS > APRS** did not match the radio menu setting.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.24N	V1.24N	V1.22	V2.01.07 BA	10033

Firmware V1.24 | 2021-05-26

Changes

1. **CPS > Optional Setting > Display:** Added customizable **Date Display Format** options.
2. **CPS > Optional Setting > Display:** Added options to hide **Channel Type**, **Time Slot**, and **Color Code** indicators on the main screen.
3. **CPS > Optional Setting > Alert Tone:** Added separate idle-channel alert tone options for digital and analog channels.
4. **CPS > Channel > Auto Scan:** Added auto-scan toggle to start scanning automatically upon channel selection.
5. **CPS > Optional Setting > Volume/Audio:** Added independent microphone gain settings for digital and analog channels.
6. **CPS > APRS > Ana AprsTX:** Added Wideband and Narrowband selection for analog APRS transmissions.
7. Added menu options to configure alert tones directly from the radio keypad.
8. **CPS > Analog > 2Tone / 5Tone / DTMF Settings:** Extended **Auto Reset Time** limits up to 250 seconds for paging system compatibility.
9. Added coarse speed and heading details to digital APRS beacons.
10. **CPS > Optional Setting > Other:** Configured Priority Zone A and Priority Zone B displays to show zone names instead of zone numbers.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.24	V1.24	V1.22	V2.01.07 BA	10033

Firmware V1.23 | 2021-04-13

Changes

1. Fixed an issue where Talker Alias transmissions did not match the selected Radio ID.
2. **CPS > Tool > Options:** Added an **Analog APRS RX** toggle to enable or disable analog APRS reception features based on hardware capabilities.
3. Fixed an issue where sending an APRS beacon transmitted three times instead of once automatically, or twice instead of once via PTT.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.23	V1.23	V1.22	V2.01.07 BA	10033

Firmware V1.22 | 2021-02-06

Changes

1. **CPS > Public > APRS > Analog > Digipeater Path:** Expanded fields to allow multiple digipeater path entries.
2. **CPS > Optional Setting > Alert Tone > Key Tone:** Configured setting to disable keypad tones exclusively while leaving other warning beeps active.
3. Updated GPS Ranging time zone designations from GMT to UTC.
4. **CPS > Analog > 5Tone:** Added filtering unit support to decode matching 5-Tone call strings (e.g., filtering incoming calls starting with prefix **109**).
5. Fixed an issue where channel modifications made via the radio menu failed to save into the active codeplug.
6. Fixed an issue where setting Latitude to South reverted to North upon reading back from the radio.
7. **CPS > APRS > AprsDisTime:** Added configurable APRS popup display durations.
8. **CPS > APRS > Aprs Alt Data:** Added fixed altitude coordinate entry for stationary beacons.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.22	V1.22	V1.22	V2.01.07 BA	10033

Firmware V1.21 | 2020-09-18

Changes

1. Fixed an issue on simplex channels where manually dialing a Talk Group while receiving did not indicate a busy channel state and allowed override transmissions into hotspots.
2. Fixed a CPS bug where setting TX Permit to "Same Color Code" displayed "Always" when reopening channel settings.
3. Fixed a CPS UI bug where the channel edit window could not be resized or moved to access the OK button.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.21	V1.21	V1.22	V2.01.07 BA	10033

Firmware V1.20P | 2020-09-08

Changes

1. Fixed an issue where the radio preemptively grabbed a Talk Group while a repeater was in Call Hold Off delay.

2. Fixed an issue where pressing the programmed **GPS Info** key on analog-only channels failed to display GPS data.
3. Fixed an issue where saving channels configured as "Simplex" and "Dual Slot" reverted them to "Repeater" mode upon re-opening codeplugs.
4. Resolved initial audio syllable clipping when receiving DMR in Simplex Double Slot mode.
5. **CPS > Channel > Analog:** Added separate 5-Tone PTT ID configuration for start of transmission (BOT) and end of transmission (EOT).
6. Configured 5-Tone "Beep Tone & Respond" features so radios respond automatically with their assigned ID.
7. **Key Function:** Added an **APRS Send** shortcut key to instantly transmit current GPS location coordinates.
8. Fixed incorrect time slot rendering on the Digital Monitor screen.
9. Resolved main channel audio loss and reception delays when keeping sub-channel dual-watch enabled.
10. **CPS > Channel:** Renamed TDMA Adaptive to **Slot Suit**.
11. **CPS > Digital > Talk Groups:** Extended maximum Talk Group ID entry limits up to 16777215.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.20P	V1.20P	V1.22	V2.01.07 BA	10033

Firmware V1.19 | 2020-06-16

Changes

1. **CPS > Optional Setting > Display:** Added customizable display color settings for zone names.
2. **CPS > Optional Setting > Power Save:** Added option to prevent incoming calls or PTT actions from resetting the auto-power-off count timer.
3. Fixed clicking audio artifacts present during channel scanning.
4. **CPS > Channel > DataACK Disable:** Added option to disable automatic radio responses to repeater data service requests, preventing occasional radio freezing.
5. Pressing the **Menu** key while scanning locks the receiver permanently onto an active channel signal.
6. Updated default radio system clock initialization year to 2020.
7. Separated Time-Out Timer (TOT) warning tones from general alert beeps.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.19	V1.19	V1.22	V2.01.07 BA	10033

Firmware V1.18 | 2020-04-11

Changes

1. Resolved message transmission failures when GPS and Roaming were both active.
2. Added **CTCSS/DCS Scan** to key function assignments. Activating this feature scans unknown analog tones, unlocks audio upon match, and allows direct saving via **PTT** or **MENU**.
3. Updated Digital APRS RX popups to display the sender's callsign instead of the channel name.
4. Fixed system crashes and reboots occurring when GPS and Roaming operated simultaneously.
5. Extended maximum Talk Group limits up to **16777215**.
6. Added **Channel Name / Frequency Display Toggle** to key function options.
7. Added Squelch Tail Elimination (STE) toggle options directly to the radio menu.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.18	V1.18	V1.22	V2.01.07 BA	10033

Firmware V1.17 | 2020-01-16

Changes

1. Added **GPS On/Off** and **Bluetooth On/Off** options to key assignment functions.
2. Restored channels temporarily skipped during scan mode back to the scan list upon changing zones.
3. **CPS > Channel > Digital**: Added Multi-Key Encryption (MKE) capabilities.
4. **CPS > Optional Setting > Other > TOT Predict**: Added early warning audio beeps before the Time-Out Timer cuts off transmission.
5. **CPS > Optional Setting > Other > TxPow AGC**: Added automatic power reduction when receiving exceptionally strong local RF signals to conserve battery life.
6. **CPS > Channel > SMS Forbid**: Added feature to block incoming text messages.
7. Doubled overall channel scanning speeds.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.17	V1.17	V1.22	V2.01.07 BA	10033

Firmware V1.16 | 2019-11-20

Changes

1. **CPS > Optional Setting > Display**: Added customizable color options for standby text, Channel A names, and Channel B names.
2. **CPS > Optional Setting > Other > Encryption Type**: Added selection between AES and Common encryption types for backward compatibility with D868UV radios.

3. Fixed an issue where pressing # while Digital Monitor was active failed to save the current channel frequency and Color Code.
4. Resolved intermittent receive LED lockups on digital channels.
5. Fixed an issue where manual changes to digital contact entries made via the radio keypad failed to persist.
6. Corrected automatic 5-Tone suffix code generation errors in the CPS.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.16	V1.16	V1.22	V2.01.07 BA	10033

Firmware V1.15 | 2019-09-27

Changes

1. Fixed intermittent DMR audio dropout issues during reception.
2. Fixed an issue where Bluetooth transmissions sent no microphone audio.
3. Set default Analog APRS callsign to **APAT81** across radio firmware and CPS defaults.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.15	V1.15	V1.22	V2.01.07 BA	10033

Firmware V1.14 | 2019-08-10

Changes

1. Expanded auto-repeater offset settings in the CPS to allow two distinct band offsets.
2. Expanded AES encryption options in the CPS.
3. Added selectable satellite constellation modes in the CPS:
 - **GPS + BDS:** Combined GPS and BeiDou positioning (**\$PCAS04, 3**)
 - **BDS Only:** BeiDou positioning only (**\$PCAS04, 2**)
 - **GPS Only:** Standard GPS positioning (**\$PCAS04, 1**)
4. Added CTCSS tone decoding delay settings (recommended default: 250 ms).

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.14	V1.14	V1.22	V2.01.07 BA	10033

Firmware V1.13 | 2019-06-08

Changes

1. Expanded digital contact capacity up to **200,000 contacts**.
2. **CPS > Optional Setting > VOX/BT > BT RX Delay**: Added delay timers (Off, 30 ms, 1 s, 1.5 s, 2 s) for digital mode Bluetooth audio capture to prevent short repeater "kerchunks" from interrupting vehicle media playback.
3. **CPS > Optional Setting > Key Function**: Added **CTCSS/DCS Set** key shortcut for fast tone access.
4. Adjusted default Bluetooth microphone gain to **1**.
5. Separated Time-Out Timer (TOT) warning beeps from general system volume settings.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.13	V1.13	V1.22	V2.01.07 BA	10033

Firmware V1.12 | 2019-04-30

Changes

1. Restored wideband/narrowband selection options in the radio keypad menu.
2. Resolved display errors occurring when Talker Alias formatting was enabled.
3. Corrected Bluetooth PTT battery voltage readings displayed on D878UV Plus screens.
4. Resolved Bluetooth PTT disconnect issues following a radio reboot (requires BT PTT firmware update to [ET12_AQXQX_V10024](#)).

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.12	V1.12	V1.22	V2.01.07 BA	10024

Firmware V1.11 / V1.11N | 2019-03-22

Changes

1. **Requires Icon Update**: Icon file update required alongside firmware installation.
2. Separated Amateur and Commercial band configurations.
3. Corrected 5-Tone encoding tone sequences.
4. Added dark black background theme options for radio menus.
5. Resolved Bluetooth pairing failures with vehicle entertainment systems requiring 6-digit PIN passkeys.
6. Added **Hot Keys** import and export functions in the CPS.
7. **CPS > Optional Settings > Power On > Startup Reset**: Added toggle switch to enable or disable hardware MCU reset routines ([PTT](#) + [PF1](#)).

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.11N	V1.11	V1.11	V2.01.07 BA	10024

Firmware V1.10 | 2018-12-30

Changes

1. **CPS > Optional Setting > Power On > Startup GPS Test:** Added a startup GPS test screen (runs for 1 minute upon boot) to accelerate initial satellite acquisition locks.
2. Updated Roaming icon colors: **Red** indicates roaming search failure; **Green** indicates successful connection.
3. Added Analog APRS Signal Path settings directly to **Radio Menu > APRS**.
4. **CPS > Channel:** Added **Exclude Channel from Roaming** toggle to bypass specific channels during auto-roaming routines.
5. Added date and time display toggles.
6. Added configurable repeater connection attempts and check interval timers under **Radio Menu > Roaming**.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.10	V1.10	-	-	-

Firmware V1.09 | 2018-11-28

Changes

1. Configured Talk Group display text to highlight in red upon successful roaming completion.
2. Fixed unexpected radio reboots occurring during Radio Check requests.
3. Resolved CPS installation path issues under **C:\Program Files (x86)**.
4. Fixed Data Conversion File (**.dcf**) export bugs when multiple Radio IDs were configured.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.09	V1.09	-	-	-

Firmware V1.08 | 2018-11-10

Changes

1. Fixed an issue where key **PF3** failed to toggle Turbo power output.
2. Configured VFO mode **Up** and **Down** keys to step frequency in **1 MHz** increments.
3. Added **Roaming Effect Wait** options to the radio roaming menu.
4. **CPS > Tool > Export Data Conversion File**: Added codeplug conversion utilities for Contact Manager compatibility.
5. **CPS > Channel > Analog > Custom CTCSS**: Added support for non-standard, user-defined CTCSS sub-audible tones.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.08	V1.08	-	-	-

Firmware V1.07 | 2018-10-23

Changes

1. **CPS > Optional Setting > Auto Repeater > Roaming Display**: Added setting to control whether the radio remains on the original channel or switches display to the target roaming channel upon locking.
2. **CPS > Optional Setting > Key Function > Mute Timing**: Added temporary timed mute shortcuts. Volume restores automatically after the designated mute interval expires.
3. Allowed codeplugs to load into the radio when roaming zones are empty.
4. Fixed display rendering bugs where Roaming (**R**) and Automatic (**A**) icons overlapped when switching from digital to analog channels.
5. Fixed persistent "Repeater Out of Range" popup messages.

Firmware	CPS	Icon	SCT 3258	Bluetooth
V1.07	V1.07	-	-	-

Firmware V1.06 | 2018-09-30

Changes

1. Resolved DMR APRS transmission failures through Motorola repeaters.
2. Streamlined roaming configuration by centralizing options under **CPS > Optional Setting > Auto Repeater**.
3. Enabled auto-roaming initiation on simplex channels.
4. **CPS > Optional Setting > Auto Repeater > Alert Out of Repeater Range**: Added selectable alert notifications (Off, Bell, or Voice prompt).

5. **CPS > Optional Setting > Display > Channel Name Color:** Added color customization options (Yellow or White) for channel labels.
6. **CPS > Optional Setting > Display > Receive Backlight Delay:** Added option to turn off display backlighting during active reception.