



AT-D168UV Firmware & CPS Change Log

Firmware history • CPS compatibility • Update notes

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 V1.08e | 2026-09-21

Changes

1. Fixed an issue in which the Zone Hide setting was not retained when exporting and importing CSV files.
2. Fixed an issue in which the squelch would not open when the radio was configured for CTCSS and the downlink from a nearby repeater contained an 88.5 Hz tone.
3. Removed the Talk Group ALL Call limitation of 16776415.
4. **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. This tool is compatible with the D878UV, D878UVII, D578UV, D168UV, and D890UV.

Firmware	CPS	Icon	SCT 3258
V1.08e	V1.08	V1.34	V3_01_01A5

Firmware V1.07 | 2025-06-14

Changes

1. Fixed an issue in which Satellite TX frequency was incorrect.
2. Fixed an issue in which Satellite passes were inaccurate.

Firmware	CPS	Icon	SCT 3258
V1.07	V1.07	V1.34	V3_01_01A5

Firmware V1.06 | 2025-04-29

Changes

1. Fixed an issue in which APRS does not work.
2. Fixed an issue in which the GPS Info menu was missing the Edit button.
3. Fixed an issue in which the Satellite AOS limit does not work.
4. Fixed an issue in which TOT Predict on AnyTone 168UV does not work.
5. Fixed an issue in which, when listening to a Satellite, the radio has no audio when SQ is set to 0.
6. Improved the D168UV scan speed.
7. Fixed an issue in which D168UV does not receive D878UV well in AES256/ARC4 communication.
8. Fixed an issue in which D168UV cannot receive digital repeater signals well in mixed mode.
9. Fixed an issue in which the radio does not display the satellite name after loading the satellite information.

Firmware	CPS	Icon	SCT 3258
V1.06	V1.06	V1.34	V3_01_01A5

Firmware V1.05 | 2025-01-23

Changes

1. Improved the scan speed.
2. Allowed APRS transmit under the Satellite menu. Press PTT+PF2 to transmit APRS. APRS must first be configured in CPS > Tool > GPS Satellite Data Update > AprsTxFreq(Hz).
3. Allowed Arm CTCSS transmit under the Satellite menu. Press PTT+PF1 to transmit ArmCTC or DCS. Arm CTC or Arm DCS must first be configured in CPS > Tool > GPS Satellite Data Update.
4. Separated the color code for TX and RX in Channel settings. When loading an older .rdt file, the CPS asks whether TX CC should match RX CC.

5. Moved CRC Ignore into each Channel setting instead of using one public setting for all channels.
6. **CPS > Optional Setting > Satellite > Sate AOS limit:** Allowed the satellite elevation/degrees limit to be configured.
7. **CPS > Optional Setting > Satellite > Sate Fix PointName 1-8:** Allowed names to be set for fixed locations 1-8.
8. **CPS > Optional Setting > Display > Night Start / Night End:** Allowed a night-time period (Hour/Min) to be configured so the radio switches to night mode automatically.
9. **CPS > Tool > GPS Satellite Data Update:** Allowed satellite data to be imported and exported in .CSV format.

Firmware	CPS	Icon	SCT 3258
V1.05	V1.05	V1.34	V3_01_01A5

Firmware V1.04 | 2024-12-03

Changes

1. **AES256 Function:** Fixed an issue where the D168UV operated incorrectly during AES256 transmission.
2. **Mic Function:** Fixed an issue where some radios experienced low transmit audio.
3. **External Speaker Microphone:** Fixed an issue where using an external mic/speaker on a DMR repeater channel produced no alert tone if the repeater did not reply when PTT was pressed.

Firmware	CPS	Icon	SCT 3258
V1.04	V1.04	V1.34	V3_01_01A5

Firmware V1.03 | 2024-11-16

Changes

1. **Satellite Function:** Allowed power level to be set separately for Satellite operation. Press * to toggle power levels while in Satellite mode.
2. **Satellite Function:** Fixed an issue where the radio could freeze during pass prediction.
3. **Satellite Function:** Allowed the radio to remain in the Satellite menu indefinitely regardless of the menu exit timer. Exit manually via the Return key.
4. **Satellite Function:** Updated CPS > Tool > Satellite Data Updating to allow custom download URL entries for satellite ephemeris updates.
5. **CPS > Digital > Master ID:** Added Master ID configuration. In Radio Menu > Setting > Channel Set > Radio ID, selecting Master ID forces all channels to use that ID globally.
6. **Radio Menu > GPS > GPS Info:** Allowed saving current GPS coordinates to a fixed beacon location.
7. **CPS > Tool > Radio Recording:** Updated the recording interface.

Firmware	CPS	Icon	SCT 3258
V1.03	V1.03	V1.34	V3_01_01A5