

Ailunce HA2 Firmware Change log Record

Ailunce HA2 Firmware V1.0.06.004-202600808

1. Optimized Android Bluetooth Data Performance.
2. Added BLE KISS TNC compatibility! you can fully pair your radio with the aprs.fi app on iOS to track off-grid team positions directly on your phone.
Added APRS SMS functionality, supporting @SMS, @EMAIL, and PINPOINT. When you have zero cellular coverage, you can now use the radio to send text messages to **SMSGTE**, **APRS-to-email**, or through **Winlink**, and share your exact GPS coordinates (**PINPOINT**) over the air.
3. Fixed Channel Knob Reversal Issue.

[Ailunce HA2 Radio Firmware Update Operation Guide](#)

[Bluetooth OTA Update Guide](#)

[Ailunce HA2 APRS Message Operation Instruction](#)

[Ailunce HA2 Bluetooth KISS TNC and APRSDroid APP Compatibility Setup Guide](#)

[Ailunce HA2 Bluetooth KISS TNC and IOS Aprs.fi APP Compatibility Setup Guide](#)

Ailunce HA2 Firmware V1.0.05.007-20260520

1. Add Spectrum analysis function. It allows users to visually observe the signal distribution across radio frequency bands. Through real-time scanning, users can quickly identify available frequency bands, detect interference sources, and even monitor signal activity at specific frequencies.
2. Spectrum Shortcut Key Operation Guide:
Numbers 1 and 4 adjust the lower limit of the spectrum, while numbers 2 and 5 adjust the upper limit.

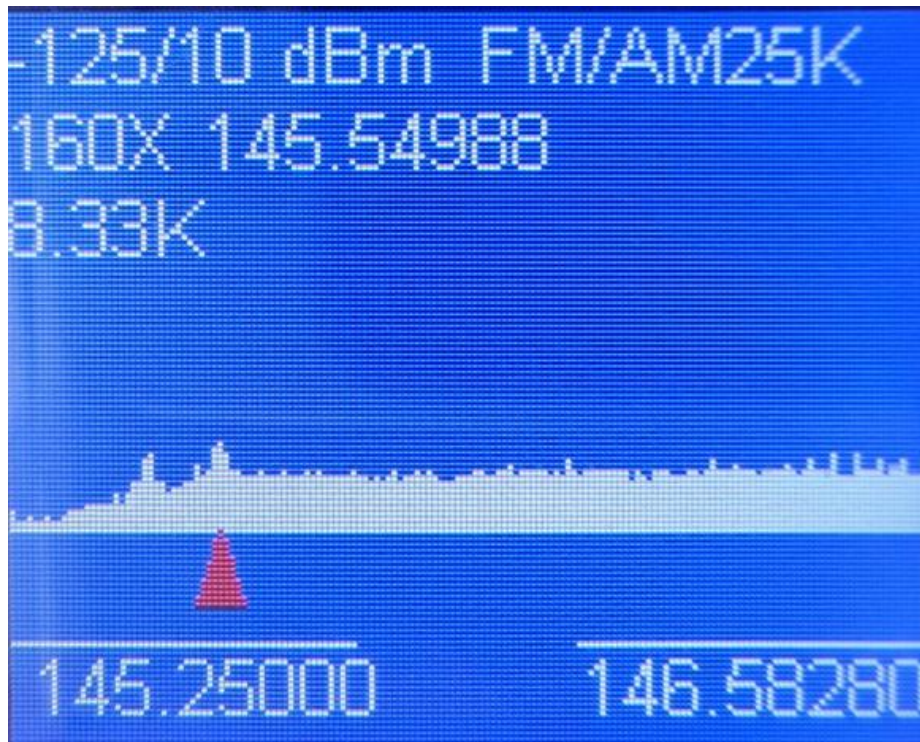
Number 3 adjusts the receive bandwidth.

Number 7 adjusts the spectrum resolution.

Number 9 adjusts the step value.

* and # adjust the squelch threshold.

Use the up and down keys to adjust the frequency.



Ailunce HA2 Firmware V1.00.05.000 20260212

1. Optimized APRS MIC-E decoding anomaly;
2. Optimized APRS decoding failure with H-D75;
3. Optimized APRS Comment parsing display error;
4. Added Bluetooth KISS function; Note: Bluetooth voice transmission and wireless program will be disabled if enable Bluetooth KISS Mode.

Ailunce HA2 Firmware V1.00.04.003 20260112

Fixed the problem that if you turn on the radio again, the APRS TX frequency will change to another frequency.

Ailunce HA2 Firmware V1.00.04.002 20260107

1. Change the explanation of transmit permission "CTC/DCS Match" to "CTC/DCS MisMatch", when CTC/DCS mismatch not allowed to transmit.
2. AM 108-136 frequency range can save to MR channel on the radio.
3. Fixed the APRS TX frequency is incorrect problem.
4. Fixed the problem when deleting some channels in the CPS, the channel number display error after writing to the radio.
5. Fixed other known issues.