



phdlee / uvk5cec



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# UV-K5 Version v0.3V (0.3Q <- v0.3C <- From v0.3B)

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phdlee released this Mar 23, 2024



v0.3q



4dd5de3



----- VERSION 0.3V -----

## 0.3V.zip

- WSJT-X transmission performance has been improved.  
We improved performance based on the results of beta testers.
- Increased the usable frequency range of FT8.  
Compatible with most frequencies used in FT8.  
28.00Mhz ~ 28.100Mhz  
50.00Mhz ~ 50.330Mhz  
144.100Mhz ~ 144.180Mhz  
144.400Mhz ~ 144.500Mhz  
432.000Mhz ~ 432.070Mhz
- The version of UV-K5 DigiManager has been changed to 1.0
- When the frequency changes in WSJT-X, the frequency of UV-K5 changes.  
**Caution: The mode must be selected by the user before entering digital mode.**  
**(Press and hold the menu button)**  
**Because the mode does not change in WSJT-X.**

Please use the 0.3V.zip file.

- FT8 is possible using WSJT-X with UK5DigManager
- If you're using 0.3D and don't plan on running FT8, there's no need for an update.

----- VERSION 0.3Q -----

There are no significant changes from Version 0.3D

- There are FT8 protocol transmission performance improvements. FT8 supports 144Mhz and 430Mhz.
- FT8 is possible using WSJT-X with UK5DigManager
- If you're using 0.3D and don't plan on running FT8, there's no need for an update.

----- VERSION 0.3D -----

UV-K5 Version v0.3D (Test Version) - Changed from Version 0.3B, 0.3C

DigiManager 0.5 -> 0.7

(Since the communication speed has changed, please delete the existing Digimanager and download it again)

This version is a test version, and if there are no major problems, only the version number will be changed and it will be re-released as 0.3P

If you want a stable version, please upload 0.3P

- Changed the communication speed between PC and UV-K5 from 115200 to 57600  
Communication between PC and UV-5K is not stable using certain programming cables (used when updating firmware)  
Internet search results showed that problems occurred at 115200 BPS for certain products.  
Among the cables I have, the Prolific product had a problem with 115200.  
Thank you to those who tested and provided reports.  
If the problem occurs again on another cable, it can be down speed to 38400 (firmware writing speed).

-When moving from 'Spectrum & Waterfall' to the marking frequency (Press Number 1 then press 2 or 3), it has been improved to operate differently depending on the Lock and Unlock of the Select Bar.

(Lock/Unlock in Select Bar can be changed by pressing and holding the 'F' button)

----- VERSION 0.3C -----

- AMFIX applied when receiving from Spectrum & Waterfall (Todo in 0.3B)
- Fixed issue with GPS coordinates with more than 4 decimal places in APRS (Todo in 0.3B)
- STATUS (top of screen) ICON rearrangement
- Fixed issue where the Monitor function is activated under certain conditions when Spectrum & Waterfall is closed. ( Commented by Sean, N7SIX)
- APRS, SSTV SideTone volume (Added in Version 0.3) changed ( -> 100)

- CWFM (F2A) SideTone volume changed ( -> 100)

-----VERSION 0.3B -----

UV-K5 Version v0.3B (Test Version)

As announced in advance, various experimental versions will be released up to V1.0, and the source code will be registered when V1.0 is released. Until V1.0, we will only upload firmware binary files. (This version release includes version 0.1C source code)

This version is a test version, and if there are no major problems, only the version number will be changed and it will be re-released as 0.3P

If you want a stable version, please upload 0.3P

The main changes in this version are as follows.

- DIG.M (Digital Mode) menu has been added. When Digital Mode is ON, the External CW Key does not work. When using the CW Key, turn Digital Mode OFF. If the Digital Mode is changed (ON->OFF or OFF -> ON), be sure to turn the radio off and then turn it back on.
- Stand alone WSPR function has been added. Before going outside, use UV5DigManager to input WSPR information into UV-K5.
- A function to send APRS messages by connecting to a computer has been added. You can easily receive data by simply modifying the programming cable (the cable used when updating the firmware).
- The cable used in APRS is also used for connection with WSJT-X, which is scheduled to have additional features in 0.3X

TODO(0.3X) : Applying AMFix in Spectrum & Waterfall

When transmitting APRS coordinates, limit to 4 decimal places.

For more information, please refer to the blog below (to be posted in about 2 days)

<http://www.hamskey.com>

Basic Mode : file : CEC\_\_\_\_B.packed.bin

CW Speed : 5WPM ~ 50WPM

Keypad Straight Key, Keypad Paddle, External Straight Key, External Paddle (IAMBIC.A)

Recommended for users under 15 WPM.

Expert Mode : file : CEC\_\_\_\_C.packed.bin

CW Speed : 5WPM ~ 50WPM

External Paddle IAMBIC.A or IAMBIC.B

External Straight Key

Recommended for all users who do not use the Keypad Straight or Keypad Paddle built into the radio.

Even during keying, the user's key control is detected. Therefore, it is more flexible than Basic Mode and key errors are reduced.

<http://www.hamskey.com>

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 [0.3v.zip](#)

119 KB

Jun 13, 2024

 [cec\\_0.3QB.packed.bin](#)

59.7 KB

May 16, 2024

 [cec\\_0.3QC.packed.bin](#)

59.8 KB

May 16, 2024

 [UVK5DigManager\\_v1.0.zip](#)

14.4 KB

Jun 13, 2024

 [wsjtx-2.6.1-win64\\_forUVK5.exe](#)

31.5 MB

May 16, 2024

 [Source code \(zip\)](#)

Jan 19, 2024

 [Source code \(tar.gz\)](#)

Jan 19, 2024



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