

Winkey Errata Sheet - last update: March. 28, 2005

Version 4 known bugs fixed in version 5:

- 1) Spaces are not echoed during serial echo.
workaround: none
- 2) Keyer can lock when using paddles at wpm>35 with autospace off
workaround: use autospace at high sending speeds or set tail >= 2.
- 3) WK will crash if an invalid ADMIN command is issued.
workaround: guard ADMIN command in calling application.
- 4) WK can occasionally insert an unwanted word space if tail=0 and leadin=nonzero.
workaround: always set tail >= 2 if leadin is nonzero.
- 5) WK can lock up if autospace is toggled during active sending.
workaround: never change autospace during sending.
- 6) WK will behave unpredictably if POT_RANGE is set to 128 and speed pot input > 2.5 volts.
workaround: make sure pot configuration and POT_RANGE settings match.

Version 4 know bugs fixed in version 6:

- 1) Paddle Dog will disable output if very long strings of letters are sent with no spaces.
workaround: try to avoid long strings or disable paddle dog feature.

Bugs fixed in version 7:

- 1) Calibration bug fix. A few WKs would hang at startup.
- 2) Long dit/dah string could be echoed even if it was an invalid letter.

Bugs fixed in version 8:

- 1) Farnsworth timing now complies with ARRL standards:
<http://www.arrl.org/files/info/tech/code-std.txt>
- 2) Added new @ prosign "AC" AS moved to =

Features added in version 9:

- 1) Moved to 12F683 Flash based PIC
- 2) Settings now saved in on board EEPROM (improved usability in standalone mode)
- 3) Added pad character | which allows insertion of ½ dit time between characters
- 4) Added selectable dit and dah priority to ultimatic keying mode
- 5) Added paddle hang delay which allows setting of paddle active time to 1, 1.33, 1.66 or 2 wordspaces, (previous versios were fixed at 1 wordspace)

Fixes in version 10:

- 1) Paddle hang bug fixed.
- 2) There was a case where PTT could drop for about 1 millisecond when paddle input would break into a serial stream. If the Winkey PTT line is used to control linear amplifier switching, an upgrade to version 10 is recommended.