

## Freestyle Pro Firmware Release Notes – Document Version May 1, 2020

**Version 1.0.535.** Released for beta testing on 5/1/20.

New Feature: Ability to navigate layers with a held modifier key

Bug Fixed: Media actions in macros

**Version 1.0.532.** Released for beta testing on 8/5/19.

Bug Fixed: Tap-and-Hold performance improved

**Version 1.0.510.** Released for beta testing on 6/6/19.

Bug Fixed: Tap-and-Hold performance improved

Fixed: Deleted tap and hold actions are persisting until the keyboard is replugged. Tap and hold feature (up to 10 keys). Added block so that tap and holds are not recognized during onboard remaps or macro programming.

**Version 1.0.480.** Released for beta testing on 5/3/19. (Download the latest version of the SmartSet App)

New Feature: Tap-and-Hold

- Use the token [t&hxxx] to assign two unique actions to a single key based on how long the key is depressed (where xxx is the “timing delay” from 1ms to 999ms). The Tap action occurs when the key is pressed and released faster than the timing delay, and the Hold action occurs when the key is pressed and held longer than the timing delay.
  - Examples:
    - Caps Lock becomes Control when held for longer than 250ms
      - Syntax: [caps]>[caps][t&h250][lctrl]
    - Left Shift becomes Escape when tapped & released in less than 100ms
      - Syntax: [lshift]>[esc][t&h100][lshift]
  - \*Notes
    - Not suitable for assigning dual actions to primary typing keys or keys that have a shifted action
    - Not all key actions supported

New Feature: Multimodifiers “Hyper” and “Meh”

- Use the action tokens [hyper] and [meh] in a layout file to send a multi-modifier command (from any key) that can be combined with another key for use with custom shortcuts via 3rd party software.
  - Hyper = Left Shift + Left Control + Left Alt + Left Windows
    - Syntax: [position token]>[hyper]
  - Meh = Left Shift + Left Control + Left Alt
    - Syntax: [position token]>[meh]

**Version 1.0.473 Released for beta testing after 4-25-19**

Added Tap & Hold remap to the status report remap tally.

**Version 1.0.372.** Released for beta testing on 4/29/19. In production

No changes to FS Pro (only to FS Edge version of this firmware family).

**Version 1.0.340.** Released for beta testing on 3/13/18.

New Feature: Macro capacity increase to 100 macros (7,200 total characters)

**Version 1.0.101.** Released for beta testing on 1/11/19.

Bug Fixed: Game Mode no longer blocking F4

Bug Fixed: Embedded keys can trigger macros

**Version 1.0.90.** Released for beta testing on 12/16/17.

New Feature: Random & Custom Macro delays added (now supported in SmartSet App)

**Version 1.0.74.** Released for beta testing on 11/8/17.

New Feature: Added HID Code Support (\*Direct Programming required)

New Feature: FAT12 Reformat shortcut (SmartSet + Shift + Ctrl + F)

**Version 1.0.66. Commercial released version**

Created a "self-format function that formats the v-drive: Press pgrm-ctrl-shift-f.

After formatting, the normal default directories and files will be created. This format will be created in in FAT12, with is not the optimalFAT16, but the latter can be manually created in Windows 10 (contact Kinesis Tech Support for instructions).

**Version 1.0.64.** Released for beta testing on 10/13/17.

Bug Fixed for FS Edge: Improved backlighting brightness range

Bug Fixed: Token for fn [kp0] fixed