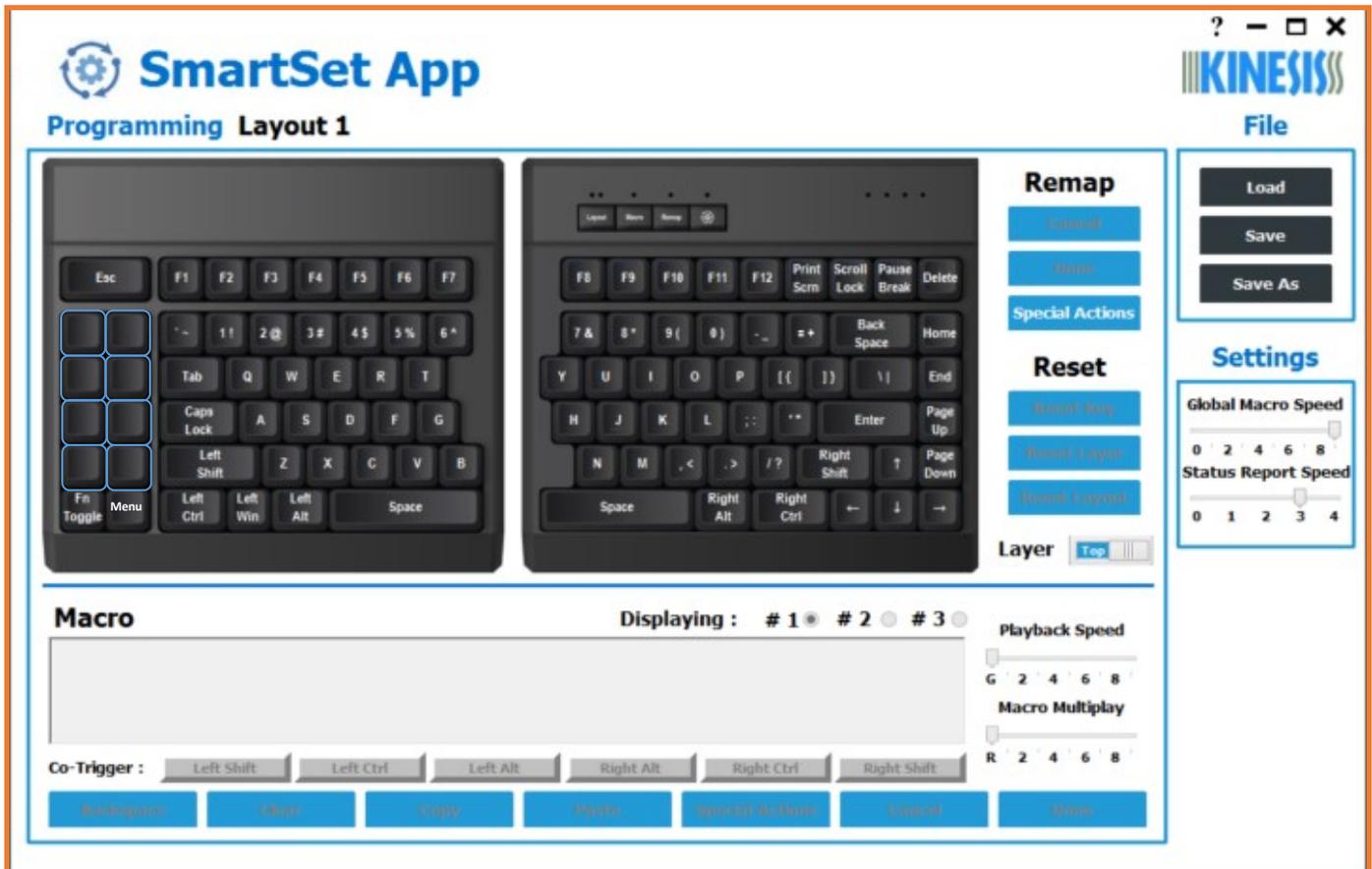


SmartSet App User Manual — Version 1.4 for Windows & Mac



Launching the No-Install SmartSet App

The SmartSet App is a convenient graphical programming application for your Freestyle Pro programmable keyboard that lets you design custom layouts, build powerful macros and customize keyboard settings. The SmartSet App is pre-loaded onto your Freestyle Pro keyboard and does not get installed directly on your computer. To launch the SmartSet App, first use the onboard shortcut to open the v-Drive (SmartSet + F8).

When you open the v-Drive, your computer will now recognize the keyboard as a “Removable Storage Device” and a pop-up may appear. Open your file manager program and locate the “FS PRO” drive. Open the “FS PRO” drive to reveal its contents and then double-click either the Windows or Mac version of the App to launch it. *Note: The App can sometimes take 10-15 seconds to launch while it reads the configuration settings so only click once.*



File Explorer view of “FS Pro” removable v-Drive

For best results, keep the v-Drive closed when not using the SmartSet App and refrain from re-programming the keyboard using onboard shortcuts while the v-Drive is open. Multimedia and mouse actions are disabled while the v-Drive is open.

Keyboard Layout

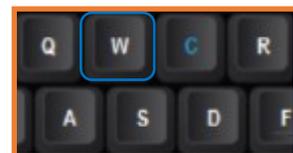
Active Layout: When you open the SmartSet App, it will automatically load a graphical representation of the currently active layout, showing all assigned key actions in both layers, including any custom remaps and macros. Note that the 8 default hotkeys are encoded as macros and they must be erased before programming over them.

If you wish to view or edit one of the other 8 layouts, click the “Load” button at right and select it from the menu.



Remapping Keys

Designating the Active Key: You may “remap” (aka reassign/rebind) any supported key action to any of the 95 full-size keys (including Fn and the 8 hotkeys). Select the key you wish to reprogram by clicking the diagram to designate it as the Active Key. The Active Key will be highlighted to indicate that it is currently designated for remapping (and for assigning macros). Then type the action you would like to assign to that key on the keyboard or right-click for a drop-down menu of Special Actions. Remapped keys are displayed with blue legends.



*W is the Active Key.
E remapped to perform C.*

Navigating Layers: Each key has a “top-layer” action and a secondary “Fn-layer” action that can be customized separately. Use the Layer toggle-switch to move between the layers during programming.



Top Layer is Active

Special Actions: If you wish to assign a Special Action that isn’t found on the Pro by default, click the “Special Actions” button (or right-click the active key to open the Special Actions menu) and select from the drop-down menus of supported USB keyboard actions.

Cancel/Done: Once you have the desired key action, click the “Done” button to store that Remap or click the “Cancel” button to revert back to the previously stored action. If you navigate away from the active key your last input will be stored as the new key action.

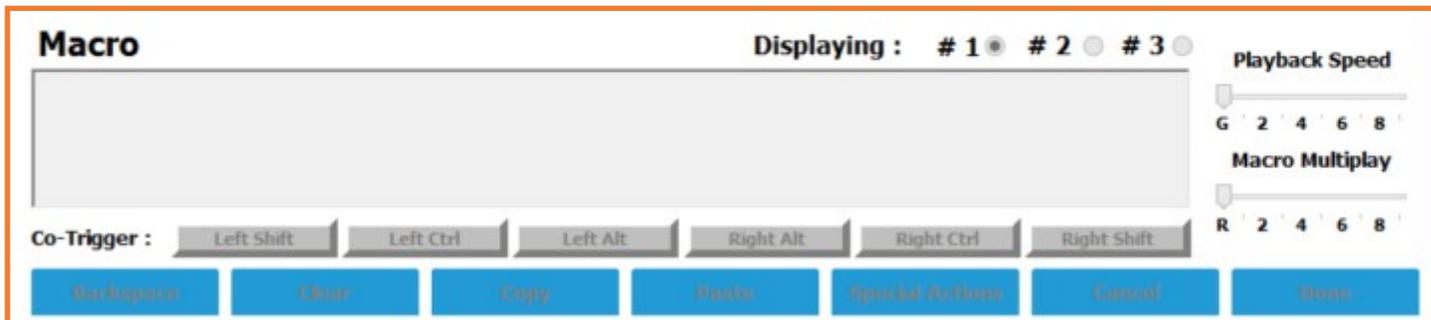
Reset: If at any time you make a mistake or just want to start over, click one of the three Reset buttons. *Note: If you accidentally perform a Reset operation, simply Exit the App without saving your changes to revert back to your original layout.*

Dynamic Remap Count: For your convenience, the App automatically tracks how many of the 190 key positions (95 keys x 2 programmable layers) have been remapped. Each time you make a remap you’ll see the count change.



Programming Macros

Trigger Key(s): To program a macro, first click on one of the full-size, non-modifier keys in the layout image to act as your primary trigger key (*Note: macros can be assigned to trigger keys in both layers using the Fn toggle switch*). Once you have selected a valid trigger key, the Macro Programming Region will become active (shown below). Macros can be triggered solely by the primary key or as a 2-key combination using a modifier key. To designate a modifier “co-trigger” simply click one of the gray buttons. *Note: Using the Windows key as a co-trigger is not recommended.*



Macro Content: After selecting the trigger key(s), click inside the macro text box and type your macro content. The App will record every single keystroke from the keyboard so if you make a mistake, you’ll need to use the “Backspace” or “Clear” buttons in the App to edit. Basic alphanumeric characters are displayed in black text whereas “key actions” are displayed as red text inside of curly brackets as “tokens”. Once you are done programming your macro, click “Done” to assign it to the trigger key(s) or click “Cancel” to abandon the macro. *Note: The timing of keystrokes is not recorded but you can insert delays manually using the Special Actions menu as described below.*

Special Actions: With the Special Actions button you can assign a pre-programmed macro (e.g., Cut, Copy, Web Home), a custom Windows key combination or a mouse double-click. You can also insert brief delays into a macro to improve playback performance or timing. Delays are available in 125 and 500 millisecond increments and they can be sequenced to achieve delays of various durations.

Multiple Macros per Key: If you wish to assign a 2nd or even 3rd macro to the same primary trigger key (e.g., Right Ctrl+A, Right Shift+A, and Right Alt+A), simply re-select that primary trigger key and then click the “#2” or “#3” radio buttons to get access a fresh macro text box. To store the new macro you will need to select a unique trigger key combination using one of the six standard modifiers as a co-trigger.



Copy & Paste: You can copy your favorite macros from one trigger key to another or between different layouts.

Individual Playback Speed: By default, all macros will playback at the keyboard’s “Global Speed” setting. The Global Speed setting can be adjusted using the onboard shortcut (SmartSet + F9, then number row) or using the “Global Macro Speed” slider under Settings (discussed below). However, to achieve optimal playback performance for each macro we recommend using the individual macro “Playback Speed” slider in the App to assign a custom playback speed specifically tailored to each macro and its intended playback environment, and not rely on the Global Speed setting.



Setting	Speed 1	Speed 2	Speed 3	Speed 4	Speed 5	Speed 6	Speed 7	Speed 8	Speed 9
Actions Per Second	4	8	12	22	35 (default)	62	85	125	250
Words Per Minute	48	96	144	264	420	744	1,020	1,500	3,000

**Playback speeds are approximate. Exact speeds will depend on the length of the macro, your computer, and the application.*

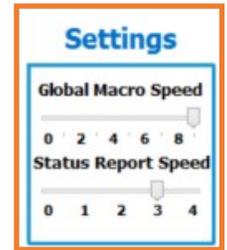
Multiplay: All macros recorded onboard will playback continuously while the trigger key(s) are held. However, the “Macro Multiplay” slider in the App can be used to pre-program a macro to playback a specific number of times (1 to 9) thereby overriding the repeat feature. We recommend setting the Multiplay slider to “1” unless you know you want the macro to fire repeatedly. A Multiplay value of 1 prevents the macro from inadvertently playing back multiple times (and producing unintended results) when the macro is played faster than you can physically release the trigger key(s).



Customizing Keyboard Settings

These Settings are adjusted universally and are not layout-specific.

Global Macro Speed: This slider controls the playback speed for all macros that don't have an "Individual Playback Speed" assigned to them. Turn it up to "9" for blazing fast macros or down to "1" for slow, measured macros. Slide it all the way to "0" to temporarily disable all macros without deleting them from any layout.



Status Report Speed: The Status Report is a convenient utility that prints-to-the-screen the most important keyboard settings using the onboard shortcut SmartSet + F7. Just make sure you have a text editing program open before you try to run a Status Report! The default Status Report playback speed is "3", but some computers may require a slower speed for proper playback. If your status report is "garbled", try dropping the speed to "2" or even "1". If you are worried about accidentally triggering the Status Report, just slide it to "0" to deactivate the Status Report.

Saving and Implementing Changes

Load: Layout 1 is pre-configured for QWERTY Windows. Layout 2 is pre-configured for Mac . Layout 3 is pre-configured for Dvorak. Layouts 4-9 are also pre-configured for QWERTY WINDOWS. Each of these layouts can be fully customized to suit your preferences.

Save/Save As: Before exiting the App, it is necessary to Save your changes. If you wish to save your remaps and macros to a different layout position, use the "Save As" button and select one of the 9 positions from the drop-down menu. *Note: Be careful not to over-write a layout position you have already customized.* The Save As button also allows you to save "backup" layouts to the v-Drive using descriptive names. *Note: Backup layouts cannot be loaded until they are first assigned to one of the 9 layout positions.*



Implementing Changes: The keyboard is not dynamically updated by the App and saving your changes via the App alone is not sufficient to implement them to the keyboard. There are two easy ways to implement your changes to the keyboard using onboard shortcuts.

Refresh Shortcut: If you wish to preview your changes while leaving the App and v-Drive open, simply use the Refresh shortcut (SmartSet + Layout). The LED's will flash 4 times and the keyboard will implement all changes made to the active layout, settings, and backlighting.

Closing the v-Drive: If you are satisfied with your changes and are done using the App, we recommend closing the App and then closing v-Drive using the onboard shortcut (SmartSet + F8).

Note: If you were editing a layout other than the active layout, you will still need to load that layout to the keyboard using either the Layout Key or the onboard shortcut (SmartSet + 1-9)

Support, Troubleshooting Tips, & FAQs

- System Requirements: Windows 8 or later. Mac OS X 10.6 or later. Minimum display resolution of 1152x864. *Note: App may not display properly on ultra high-definition monitors.*
- Do not delete or modify the folders on the v-Drive. Doing so could compromise the ability of the SmartSet App to identify and save layouts and keyboard settings.
- If the App fails to launch, try re-plugging the keyboard. If that doesn't work, perform a Hard Reset (backup any custom layout files first) by holding the SmartSet key and F12 while plugging the keyboard in to your computer.
- Visit www.Kinesis.com/Support for Troubleshooting Tips, FAQs, instructional videos, user manuals, or to download the latest version of the SmartSet App.
- If you need technical assistance, please visit <https://kinesis-ergo.com/support/contact-a-technician/> to submit a Trouble Ticket and a trained technician will respond to you as soon as possible.



In-App Help Menu