Making Your Digital Life Easier

iKKEGOLUSB Single/Dual/Triple Foot Switch Control Pedal

iKKEGOL USB Foot Switch Instructions

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Making Your Digital Life Easier

Pedal Series Quick Start Guide

iKKEGOL USB foot pedal switch is a device used to control actions on a computer via foot. It is a programmable device that is designed to be used as a hands-free tool for various applications. It can be customized through supporting software, and is equivalent to a keyboard or mouse. It can be assigned to any keystroke, making it an ideal push-to-talk button for Discord and other chat apps. The switch can be programmed to perform certain tasks such as page scrolling, music playback, gaming, and transcription among others. The switch does not require a separate driver installation, its plug and play. Multiple pedals can be connected to the same computer without impacting the keyboard's functionality.

It is easy to set up and use and can be used for a variety of functions.

1. Keyboard function: iKKEGOL USB Foot Pedal Switch can be programmed to mimic any key on the keyboard, including key combinations such as CTRL+A or function keys like F1 to F24. Simply program the switch to send the desired keystrokes to the computer.

2. Mouse function: iKKEGOL USB Foot Pedal Switch is a device that can be set to perform various mouse functions. It can be configured to function as the left, middle, right, forward, and back keys of the mouse. Additionally, it can also perform X and Y axis movements, as well as scroll wheel up and down functions.

3. String function: It can be programmed to enter strings of text. It supports a maximum of 38 characters for custom commands, such as "I love you". This can be useful for quickly entering frequently used phrases or sentences. Simply program the switch to mimic the keystrokes needed to enter the text, and then use the switch to enter the text with your foot.

4. Multimedia function: It can be programmed to perform various multimedia functions such as pausing, playing, skipping to the previous song, and skipping to the next song. These functions can be set to shortcut keys on the keyboard, which can then be programmed into theswitch. This makes it possible to control media playback using your feet, freeing up your hands for other tasks.

5. Macro definition function: It allows users to record combinations of keyboard and mouse actions. For example, it is possible to set Ctrl+P to delay 100ms and then enter to achieve the function of automatic printing.

Software Download:iKKEGOL foot switch is compatible with both Windows and Mac operating systems.Please download the software Elfkey or FootSwitch at **www.ikkegol.com/downloads.html** according to your system.

How to install on your PC?

1. Download the latest software from the provided link, according to your system.
2. Once the software has finished downloading, run the downloaded file.
3. Plug the USB foot pedal into any available USB port on your computer or laptop (do not use a hub for the connection).
4. Once the software is installed on your computer, set it up by clicking on the ElfKey icon on your desktop.
5. By default, the button is set to "B", which is equivalent to pressing the B key on a USB keyboard. Select what you want the foot pedal to do from

the list of available options in your software. Once you have programmed the foot pedal, it will work in all programs as programmed.
6. Click "Save".

Note: If you encounter any issues during the download or installation process, please refer to the electronic manual or contact us by service@ikkegol.com for help.

Scan the QR code below to access the software and detailed instructions for the USB Foot Pedal Switch. Or go to the below link for electronic manual or download software directly.
https://www.ikkegol.com/support.html

Feel free to write to us if you have any issues and we will be happy to assist you.
Email address: service@ikkegol.com
Website: www.ikkegol.com

How to Program software “ElfKey” instructions

1. iKKEGOL foot switch is compatible with both Windows and Mac operating systems.Please download the software Elfkey or FootSwitch at **www.ikkegol.com/downloads.html** according to your system.

2. Connect the USB Foot Pedal: Plug in the pedal device into an available USB port on your computer. Ensure it is securely connected.

3. Launch the Software: Open the ElfKey software on your computer. It should automatically detect the connected Foot Pedal device.

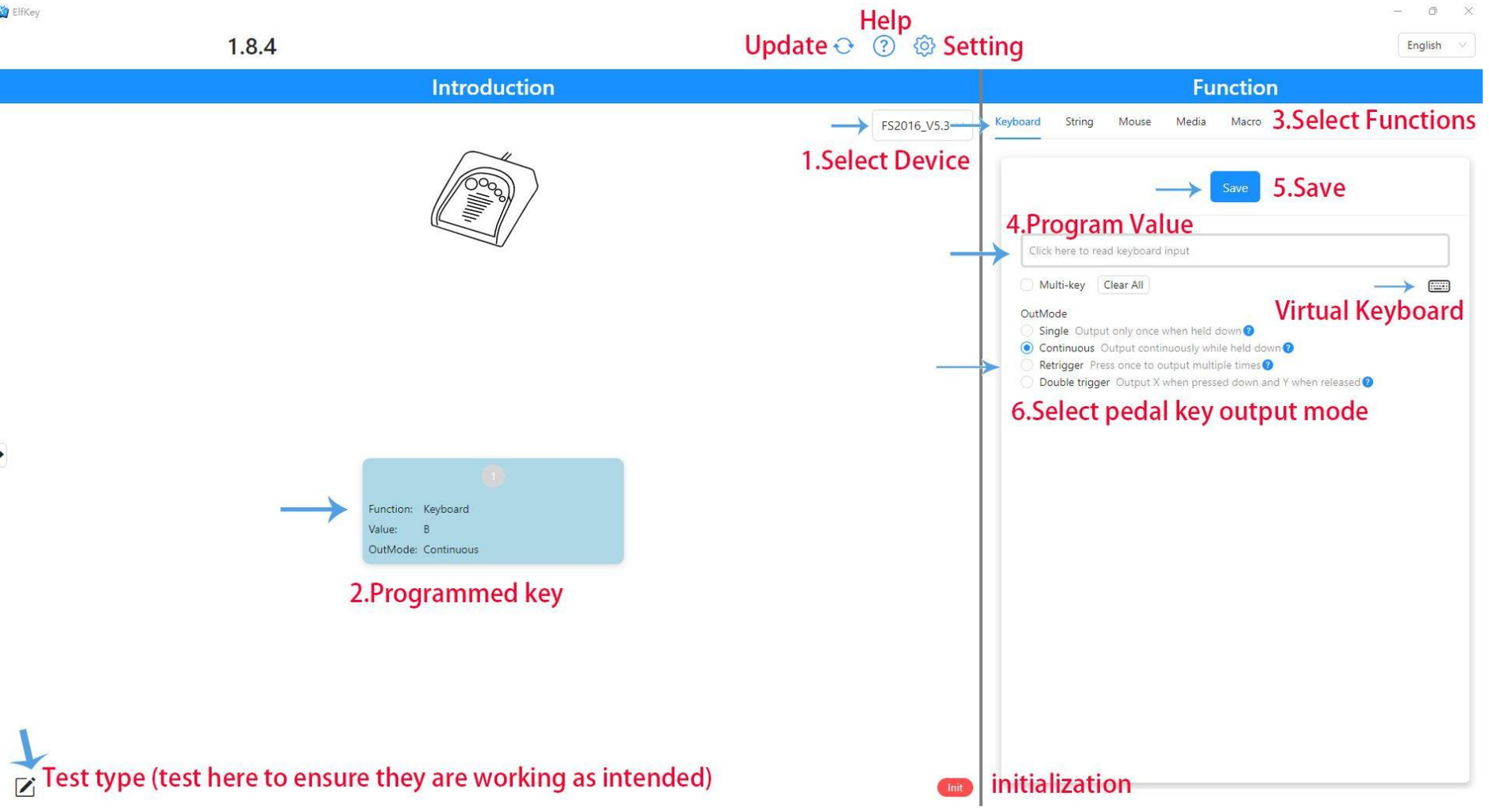
4. Define Key Functions: Within the software, you will find options to define key functions. Click on the desired key or pedal and assign the desired action or command to it. You can customize it according to your preferences.

5. Test and Save: After defining the key functions, test them to ensure they are working as intended. Make any necessary adjustments if needed. Once you are satisfied, save the programmed settings within the software.

6. Plug and Play: Once the programming is complete, the USB foot pedal device is ready to use. Simply plug it into your computer, and the programmed functions will be recognized.

1. Software Interface Icon Instructions

For instructions on how to program the software, please refer to the following video link: https://www.ikkegol.com/support/softwareguide.mp4



(1).Setup Wizard

The setup wizard guides you through the process of configuring and saving the key and value functions you require. Follow the steps below:

a. Select a device model.
b. Choose the key you wish to configure.
c. Select the desired function.
d. Set the necessary key values.
e. Save the key values.
f. Successfully configured.

2. Function Setting Introduction

(1). Keyboard : Click the input box to read the keyboard input.

ElfKey support keyboard HID drive free, the same computer can be inserted multiple simultaneous use.

a. Single key value

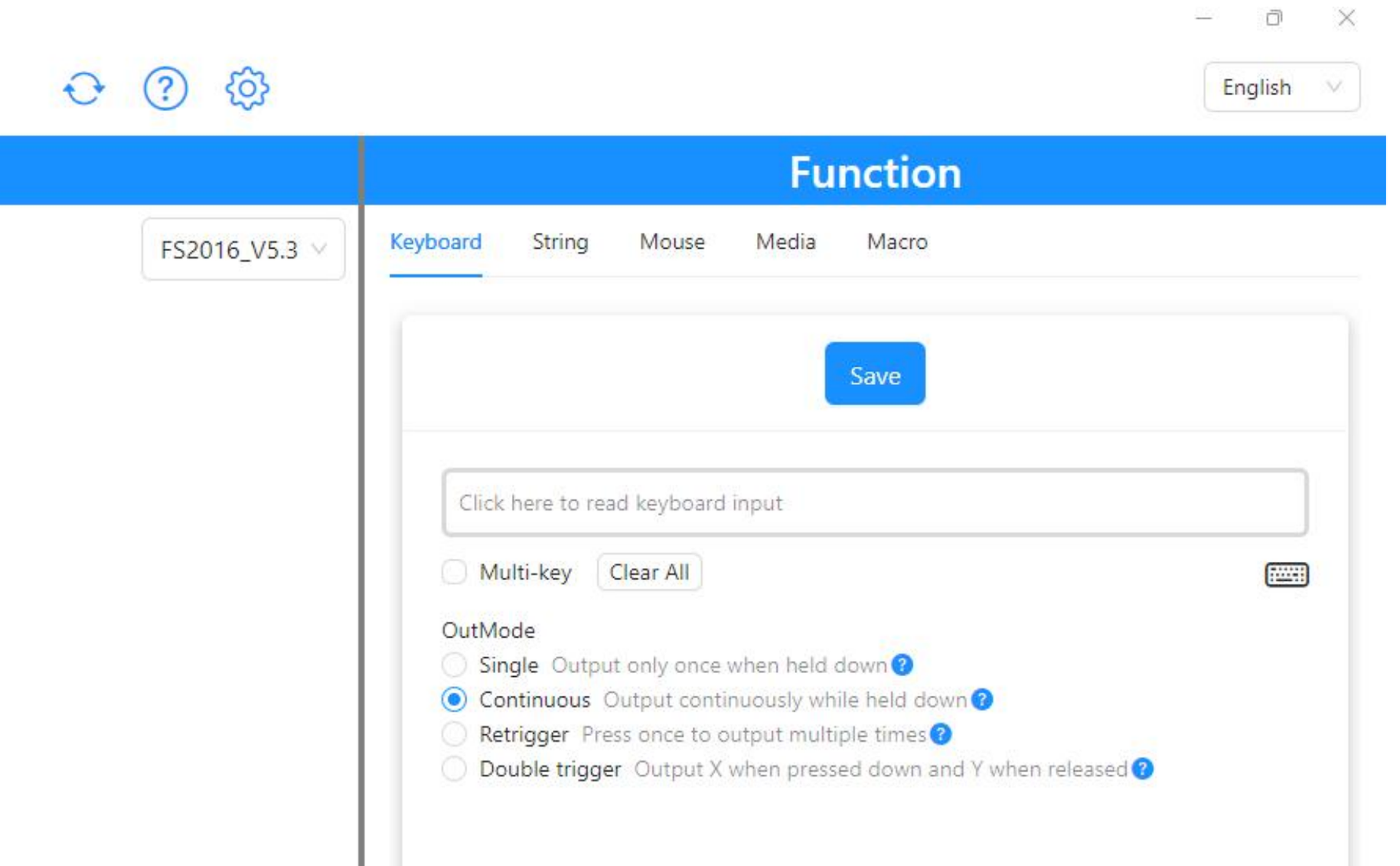
You can set keyboard keys as required, note: you can only enter one key value!

b. Multi-key combination

① Select the multi-key combination first.

② Enter multiple key values, such as (Copy: Ctrl+C, paste: Ctrl+V).

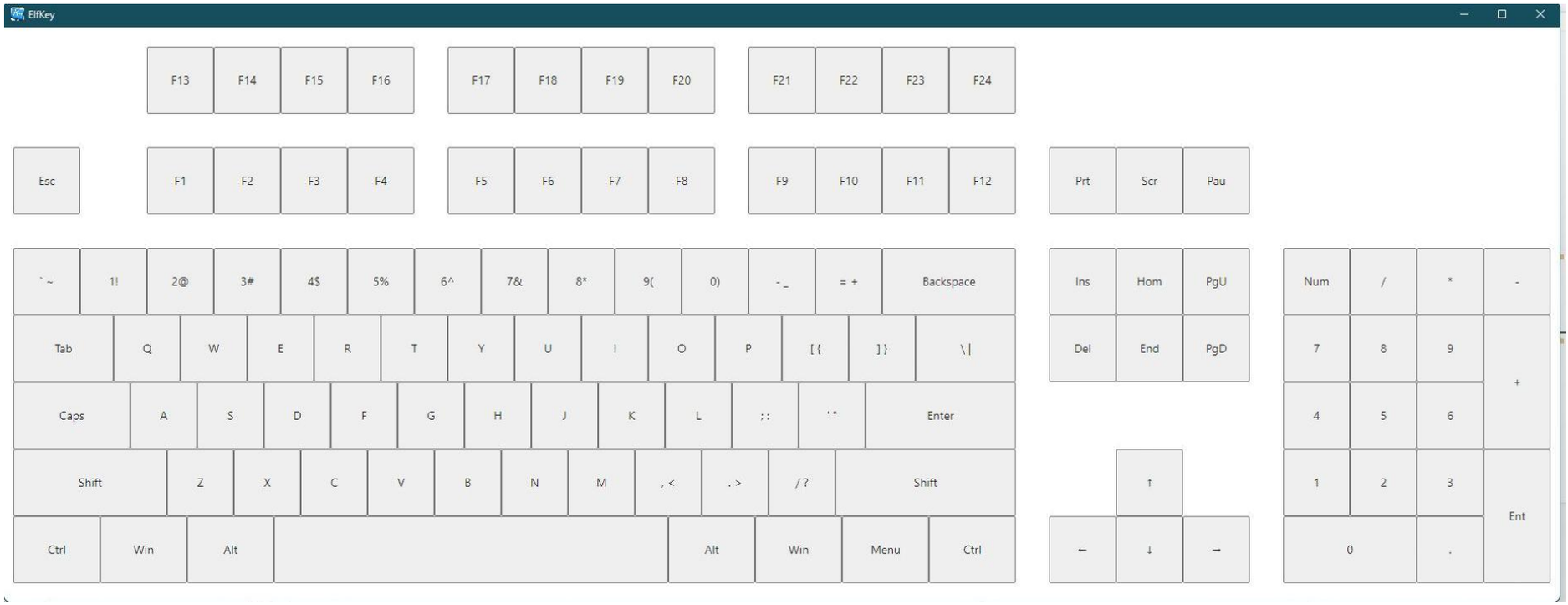
③ In addition to function keys such as Ctrl, Shift, Alt, and Windows, a maximum of six common keys are supported. Function keys are not restricted.



④ When entering multiple common keys, you can drag them to adjust the sequence.

c. Drag to save the key

After entering a key, you can drag the input box to the specified key to save the key. As shown in the picture:



d. Virtual keyboard

Click the keyboard icon to open the virtual keyboard, and click the key to enter the key value.

e. Output Mode

Note: All device models have single and continuous output modes, while some device models also support retrigger and double trigger modes.

Single: Outputs the key value only once when it is held down.

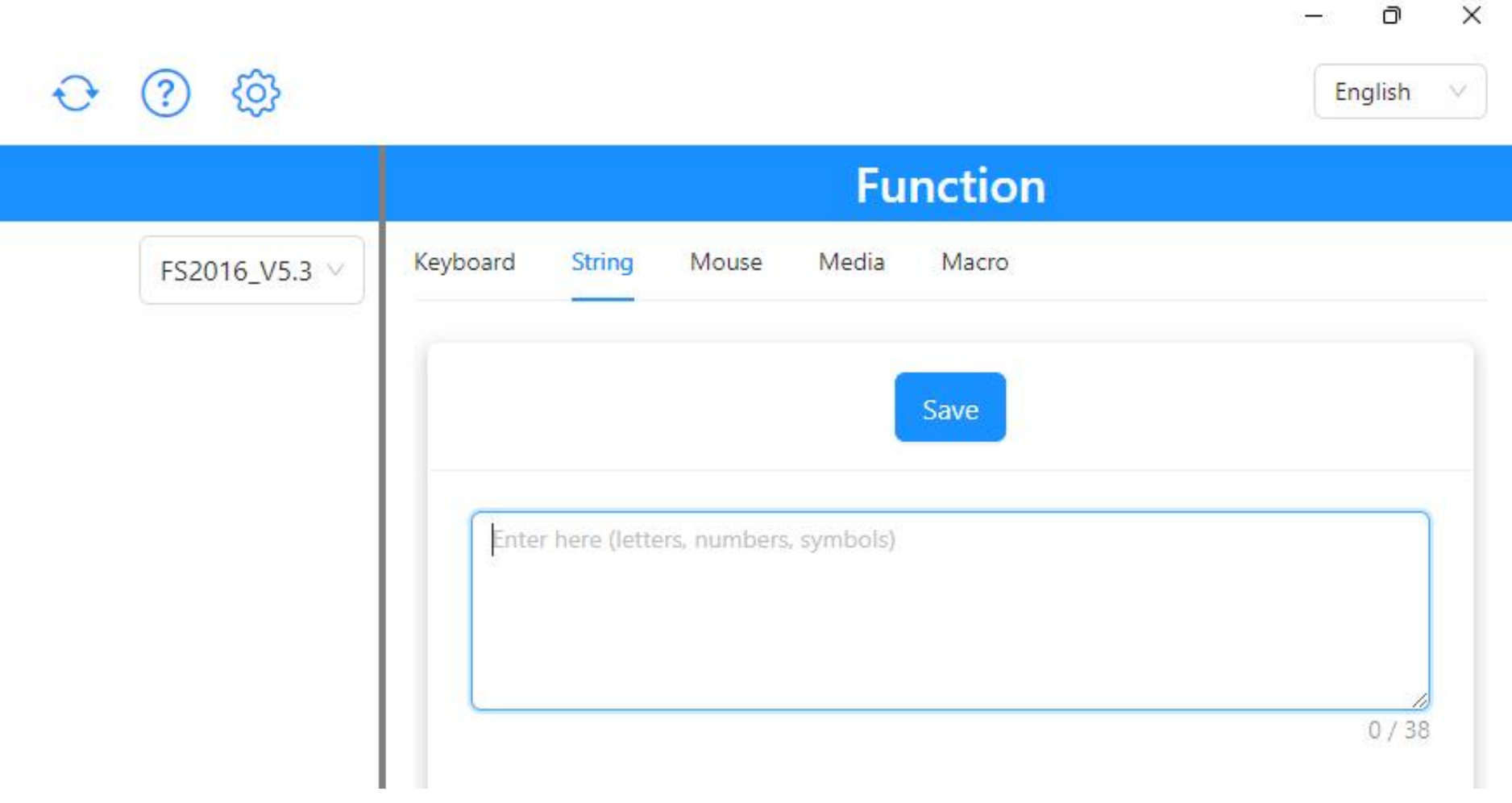
Continuous: Continuously outputs the key value while it is held down.

Retrigger: Pressing the key once results in multiple outputs. The number of outputs represents the number of times the key value is repeated. Setting the value to 0 means the key value will be output when pressed down and will stop when released. The speed parameter represents the interval between two key clicks, with a faster speed indicating a shorter interval.

Double Trigger: Click the "OK" button to assign the input box value as the key value when it is pressed or released. In this mode, different key values will be output when the key is pressed or released. You can switch to the Mouse tab to configure mouse functions.

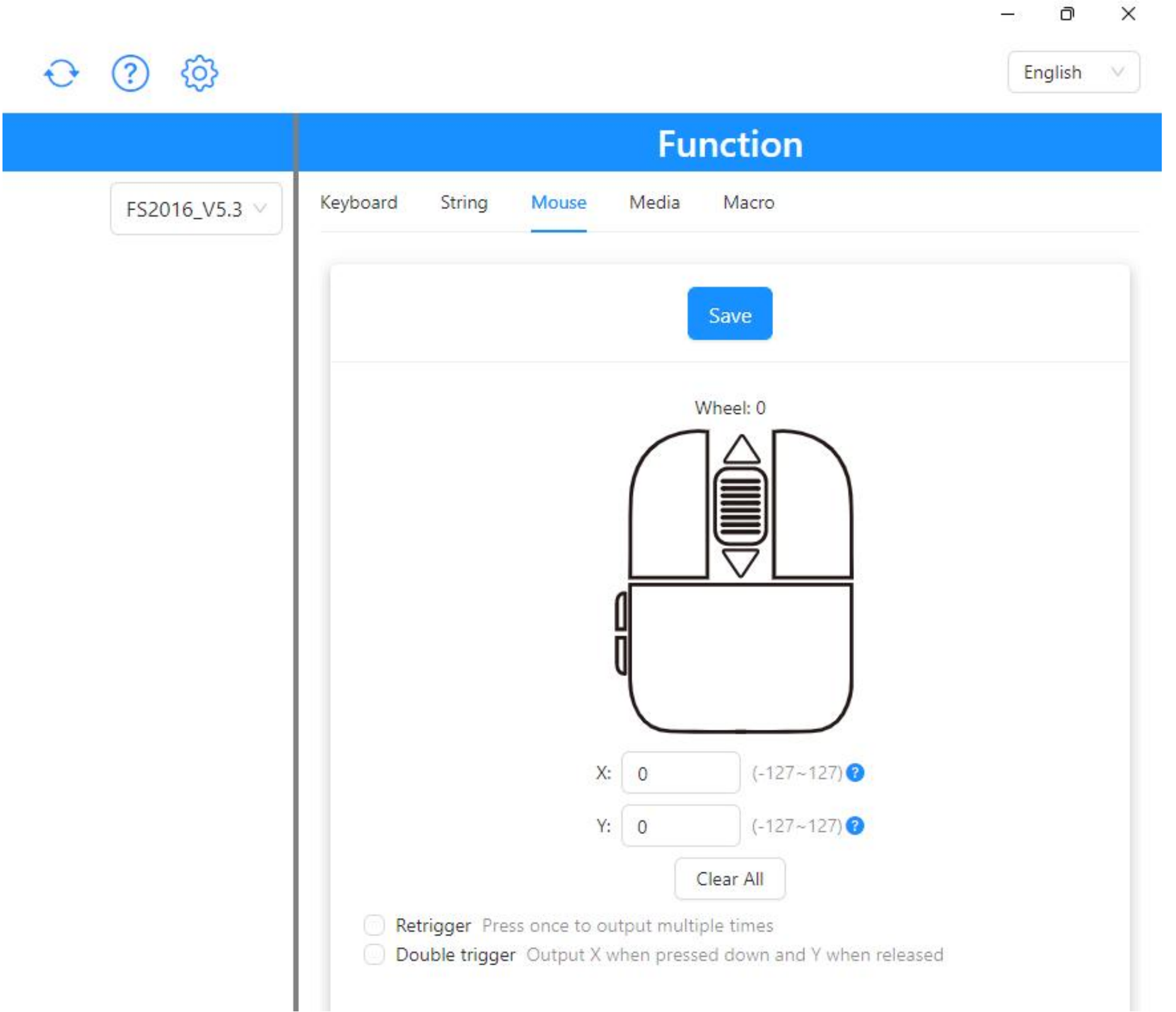
(2) **String:** The characters entered in the input box can be set as strings.

When configuring the string function, ElfKey only supports English characters. The maximum length for ElfKey is 38 characters, including newlines which count as one character.
Note: The string function can be saved by dragging the key value to the desired key position, similar to the keyboard function.



(3) **Mouse:** Mouse buttons, movement, and scroll wheel.

The mouse features three buttons: left button, middle button, and right button, which can be configured as either single keys or multi−keys. Only clicks can be assigned, and no additional keys can be added. Refer to the image below:



X: Represents horizontal mouse movement. The value ranges from −127 to 127. A negative number indicates leftward movement, and a positive number indicates rightward movement.

Y: Represents vertical mouse movement. The value ranges from −127 to 127. A negative number indicates upward movement, and a positive number indicates downward movement.

Scroll wheel: The mouse wheel can be set from −127 to 127. A negative number indicates scrolling down, and a positive number indicates scrolling up.

Note: Retrigger and double trigger functions are the same as the keyboard functions.

(4) **Media:** Can be configured as multimedia shortcut keys and common shortcut keys.

You can select a media function as prompted and assign it to a key for activation.

Note: Some functions may need to be triggered within a media player or browser interface.

English

Function

FS2016_V5.3

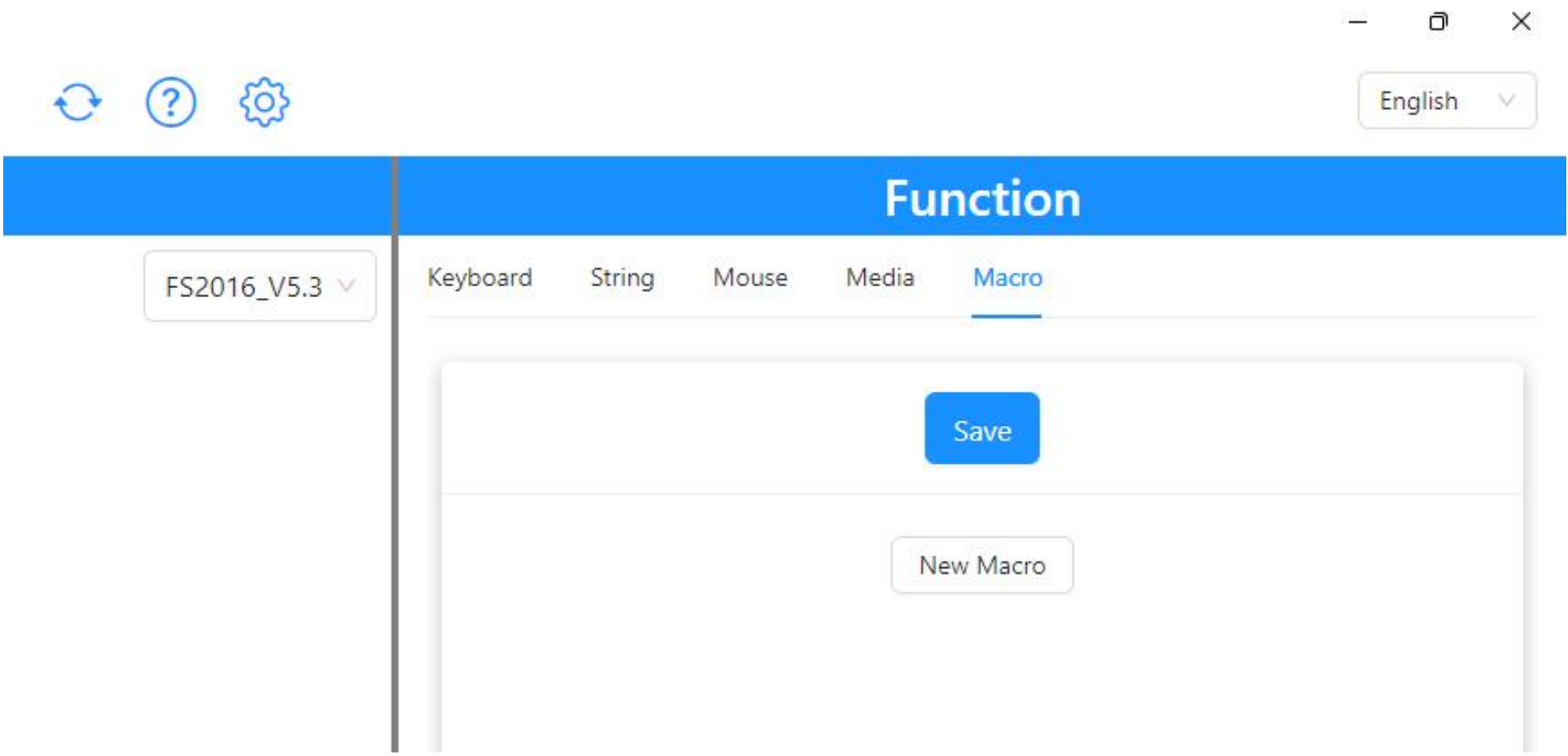
Keyboard | String | Mouse | Media | Macro

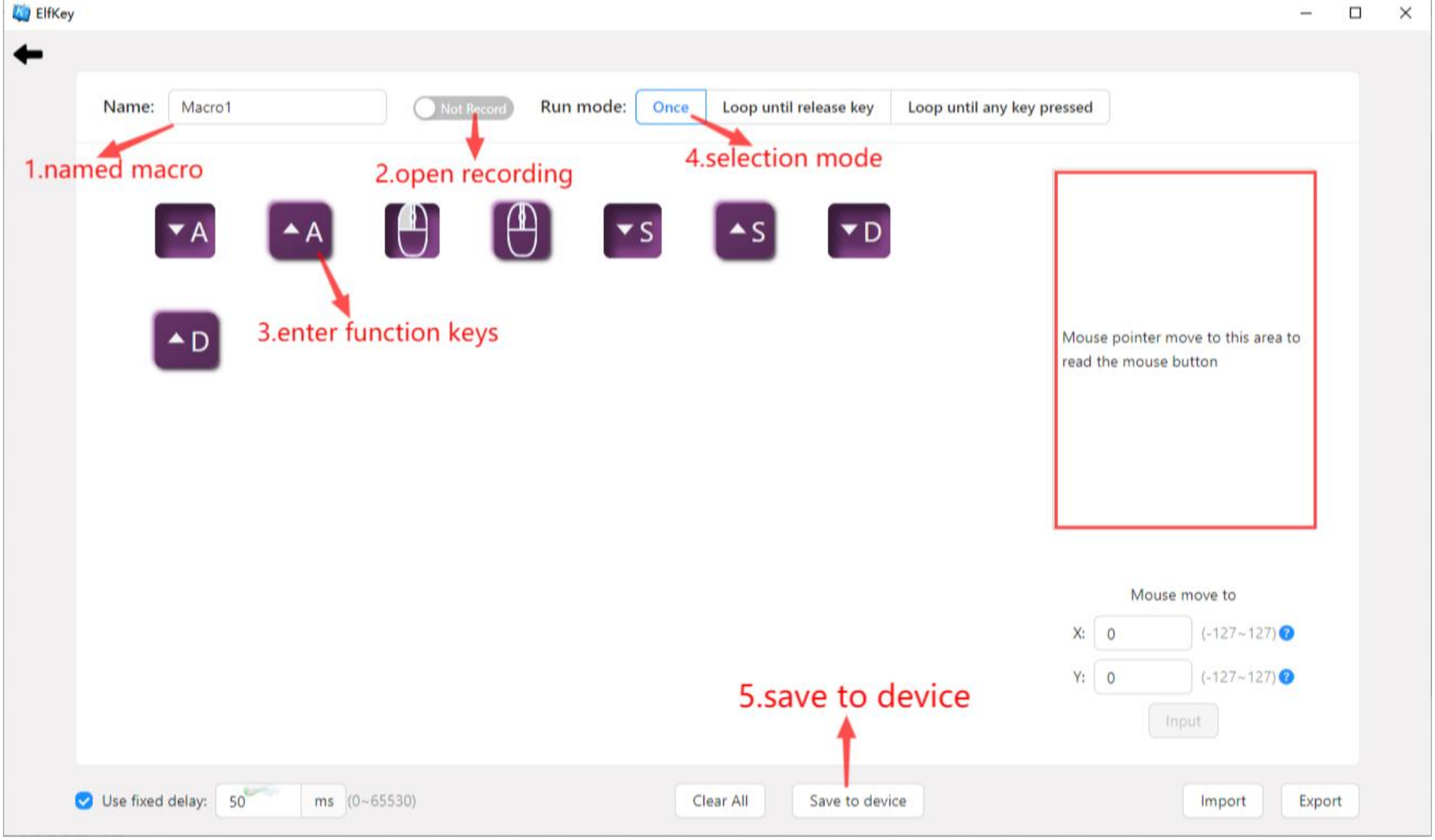
Save

- Volume-
- Volume+
- Mute
- Open player
- Browser homepage
- My computer
- Open email
- Calculator
- Search file
- Shutdown
- Sleeping
- The following functions need to be effective in the player interface
- Play/Puase
- Backward
- Forward
- Stop
- The following functions need to be effective in the browser interface
- Stop web page
- Back browser page
- Foward browser page
- Refresh web page

Init

(5) **Macro:** A function is accomplished through a set of predefined action processing.
You can set macros, record keyboard keys, mouse keys, and scrolls, and add them manually with mouse movements.
Once: Execute the macro once.
Loop until release key: press and repeat macro execution without release, and stop execution when release.
Loop until any key press: click and repeat macro execution, click again to stop execution.
Steps:
a. Create a new macro and name it
b. Open recording
c. Type predefined action processing
d. Selection mode
e. Close recording
f. Save the file to the device or export it





If you need to delete keys, adjust key sequence, or customize delay processing, please:

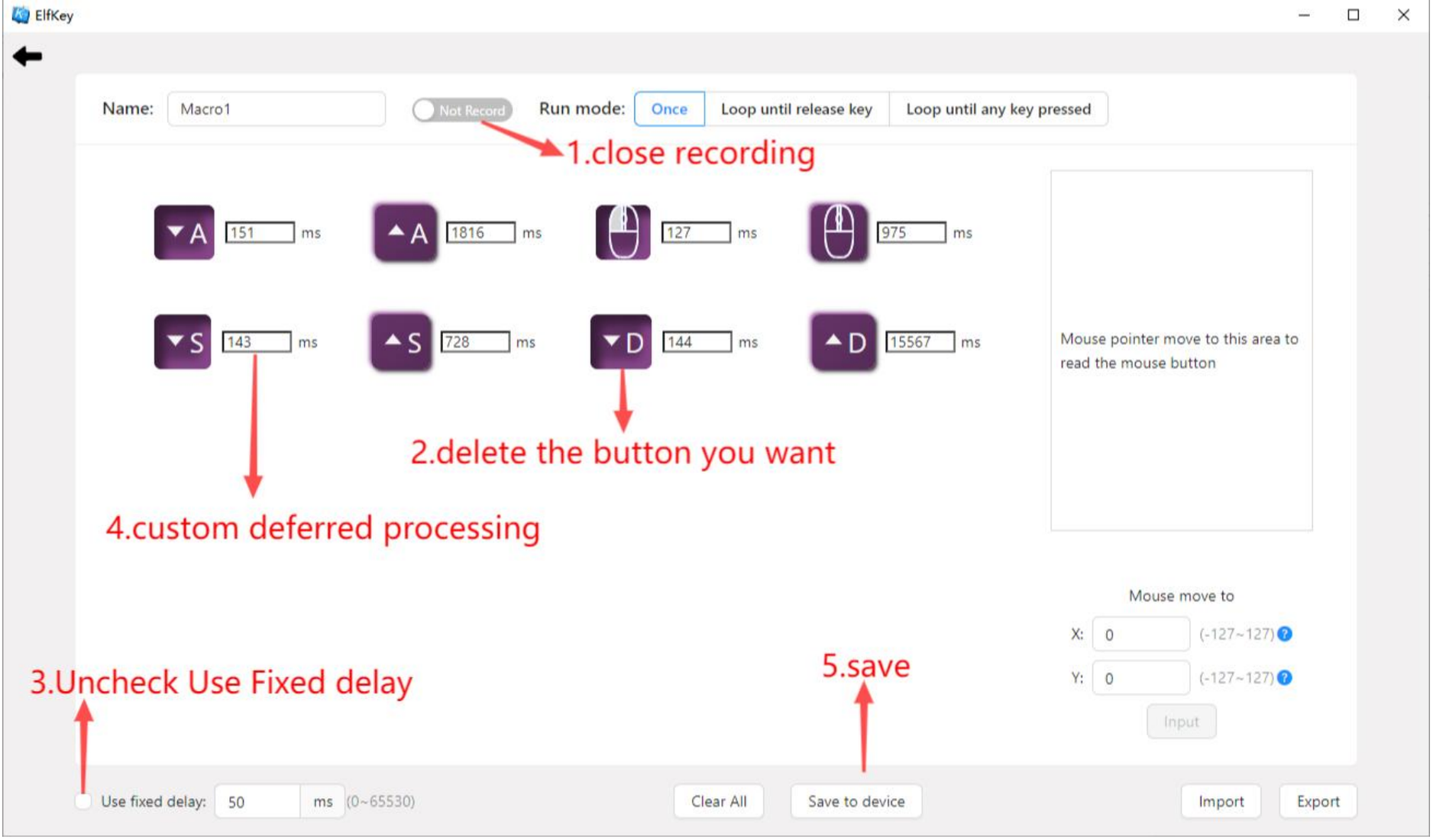
a. Close recording

b. Select the button you want to delete, and then delete

c. Uncheck Use Fixed delay

d. Custom deferred processing

In addition, the delay can also use the actual delay time of the action, and the recorded action can be dragged to adjust the order. As shown below:



(6) **One-Click Open:** Save the file path or website domain name as the key value for quick opening.
You can select a file, folder, or enter the domain name in the input box and assign it to a key.
Note: This function can only be used while the software is running!

(7) **MIDI:**You can configure it as MIDI Note, CC, or PC.

Note: Macro definition, MIDI, one-click open, and other features are only supported in certain products.

Thank you for using our software! For detailed video tutorials, please visit: https://www.ikkegol.com/video.html

Troubleshooting: iKKEGOL Foot Pedal not functioning properly?

Here are some steps to troubleshoot the issue:
→Ensure that the USB plug is securely inserted into the USB port on the computer.
→Check for any pending system updates or restarts required. Install any necessary updates and restart the system if needed.
→If the foot pedal doesn't respond after a few minutes, try plugging it into a different USB port on the computer.
→If the computer fails to recognize the foot pedal, try restarting your system or reinstalling the USB driver. Unplug and re-plug the USB foot pedal during the driver reinstallation process.
→If you are using a USB hub or USB extender, try connecting the foot pedal directly to a USB port on your computer. For desktop computers, try plugging the foot pedal into a USB port on the back of the computer.
→If the software displays a message indicating that no device is connected, make sure the software is running and wait for the device to be recognized.
→No device is connected: After starting the software, the state of waiting for device access will be displayed.

If you continue to experience issues, please contact us for assistance before considering returning the product.

Email address: service@ikkegol.com Website: www.ikkegol.com

COMPARISON OF EACH MODEL

Photoelectric switch
Mechanical switch
10020/10738

Mechanical switch
10737

Photoelectric switch
10020Y

Photoelectric switch
10020C

Photoelectric switch
10020W（mute）

The dimensions of these five products are：3.9inche * 2.5inch * 1.5inch

Photoelectric switches are triggered by infrared sensors, resulting in extended durability and lifespan.

The mechanical switch is triggered by the micro switch, resulting in a noticeable tactile sensation and audible sound when pressed or stepped on.

Mechanical switch
10665
Size :5.1 in* 5.5in*1.4 in

Mechanical switch
10690(Bluetooth)
Size :5.1 in* 5.5in*1.4 in

Mechanical switch
10668
Size :11.8 in* 5.7 in*1.6 in

The single pedal and double pedal above are the same size and both have mechanical switches. The 10665 and 10668 series have a USB wired connection, while the 10690B has a Bluetooth connection. The shell color is optional and can be black, gray, blue, yellow

Mechanical switch
10731
Size :4in* 3in*1.4 in

Mechanical switch
10692(Metal case)
Size :4.6 in* 3 in*0.8 in

Photoelectric switch
10716/10723

Photoelectric switch
10724

Size :4inch* 3inch*1.4 inch

Photoelectric switch
10717/10715

Photoelectric switch
10725

Size :14.5in* 5.6in*1.7 in
Shell color Optional: black，yellow，blue

Photoelectric switch
10149
Size :14 in* 5.6 in*1.6 in
Shell color Optional: black，blue

USB Triple Foot Pedal
Size :14.8 in* 4.5 in*1.6 in，
Shell Color Optional: Black，Blue

Three-key keyboard
Size :3in* 1.5 in*1.1 in
Shell color Optional: black，white

Amazon Store: http://www.amazon.com/shops/ikkegol

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iKKEGOL is the largest professional foot pedal brand in the United States. All products from iKKEGOL can be customized according to customer needs, and we also provide ODM and OEM services to meet individualized requirements. Whether it's exterior design or functional features, we are flexible to ensure perfect alignment with customer demands. We integrate research, development, production, and sales into one entity.

Any inquiry please feel free to contact us at : service@ikkegol.com

FACEBOOK

We have a vibrant Facebook Community eager to answer any questions you may have. Join us at facebook.com/ikkegolusa to stay updated on special offers and engage in community activities. Don't forget to 'Like' us for exclusive deals and enjoyable community interactions!

Download Center

All iKKEGOL USB Foot Pedal software download from Download Center:
www.ikkegol.com/downloads.html

Support Center

For instructions on how to program the software, please refer to the following video link:
https://www.ikkegol.com/support/softwareguide.mp4

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If you have any questions, please don't hesitate to reach out to our customer service representatives at +86−18923408680
website: www.ikkegol.com email: service@ikkegol.com