Mechanical keyboards using a new switch mechanism can provide durability up to 1 billion clicks

Input Club said that SILO switches can have durability up to about one billion clicks.

If you are interested in the world of computer components, peripherals, you will probably realize that in the last few years, the custom mechanical keyboard segment is getting more and more attention from the side. community, becoming more vibrant and diverse than ever. But the sad thing is that while the design, design style as well as the features of custom mechanical keyboards are constantly renewed and there are many positive points, the core element of a mechanical keyboard: Switching mechanism, there are not too many changes, noticeable breakthroughs. Most mechanical keyboard models on the market today, although in the high-end segment with expensive prices, still mainly use the same contact mechanisms that have existed for decades.

1. If you are using Logitech keyboard, mouse, you need to update the firmware immediately

The durability of mechanical keyboard switch mechanisms is often measured in millions of clicks

However, there are rare bright spots but very noticeable. Input Club, the design team behind the keyboard models has been rated highly like WhiteFox and Kira, just announced a Kickstarter campaign to realize the idea of ??producing a new type of switch mechanism with advantages superior, especially in terms of durability and input experience, Input Club called it "Keystone". Basically, the Keystone keyboard will come with unique SILO switches, using magnets instead of metal contacts.

Currently, the durability of switch mechanisms for mechanical keyboards is often measured by millions of keystrokes, but that is basically just the multi-lifetime of contacts after physical contacts. These contacts can exist for a long time, but the physical contact process will make them unable to function stably 'before as one'.

Therefore, the feeling of keystrokes will gradually change over time, depending on the switch mechanism and their durability.

1. Microsoft will use the completely new Office key to replace the Windows key or the useless Menu key

SILO switches can have durability up to about one billion clicks

Hall-effect switches have good durability and have been trusted for a long time. However, they often have relatively expensive prices and sometimes are no longer compatible with most modern keyboard models. Meanwhile, SILO switches have quickly emerged as a new variant of Hall-effect, which can create a real analog input signal, while still ensuring very good compatibility.

Input Club said that SILO switches can possess durability up to about one billion clicks (designers are still actively testing this data), significantly more than mechanical keyboard switch mechanisms the best today. This impressive durable set is achieved by removing metal contacts as well as bottom pins. SILO switches include casing, springs and a support (body) moving up and down with a magnet. Keystone and SILO switches can be 'hot swap' because they do not contain metal contacts attached to the PCB.

1. What is the most useless key on the Qwerty keyboard you are using?

Similar to optical switches in Wooting One keyboards, the Keystone keyboard determines a click based on the movement of the magnet inside the switches. Therefore, you can modify the behavior of switches, fast, slow, arbitrary, or even half-press the key.

In addition, Input Club has also developed a feature called AI Enabled Adaptive Typing, for Keystone. Thanks to this feature, when you type, the keyboard will be able to automatically monitor the level as well as how you press the switch, then continue to automatically adjust the drive point to bring a more comfortable feeling based on specific user input habits.

1. Razer launches a new, cool 'new' collection of gaming accessories but traditionally cheaper

The Keystone keyboard model of the Input Club will use the SILO switch mechanism

The Keystone keyboard will work on the Input Club's firmware Keyboard Layout Language (KLL), but it does not require custom computer components. Once set up, the keyboard will operate in the same way on all devices. Besides, the software for Keystone will be completely open source, and will also have a new project called HID.io that helps build customized programs and games for Keystone's analog switches.

The Keystone will be released in two tenkeyless and full-size versions, priced at 150 USD (about 3tr5) and 180 USD (about 4.2 million) respectively, respectively.

Input Club's Kickstarter campaign will last for 30 days and aims to collect $ 35,000.

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