RGB
ILLUMINATION

SKILLER

SGK50 S3

Manual

Specifications

General:	SKILLER SGK50 S3 Red	SKILLER SGK50 S3 Brown
Type	Gaming Keyboard	Gaming Keyboard
Switch Technology	Hot-Swap (Gateron)	Hot-Swap (Gateron)
Number of Keys	84 ANSI / 85 ISO	84 ANSI / 85 ISO
Keycap Material	ABS	ABS
Keycap Legend	Laser	Laser
Illumination	RGB	RGB
Adjustable Illumination	✓	✓
Lighting Effects	✓	✓
Max. Polling Rate	1,000 Hz	1,000 Hz
Form Factor	75 % Layout	75 % Layout
Onboard Memory for Game Profiles	✓	✓
Capacity of Onboard Memory	256 kB	256 kB
Detachable Cable	✓	✓
Weight incl. Cable	790 g	790 g
Weight without Cable	724 g	724 g
Dimensions (L x W x H)	310 x 120 x 40 mm	310 x 120 x 40 mm
Supported Operating Systems	Windows	Windows

Key Properties:

|		
N-Key Rollover Support	✓	✓
On-The-Fly Macro Recording	✓	✓
Operating Force	45 ± 15 g	55 ± 15 g
Switch Properties	Linear	Tactile
Distance to Actuation Point	2.0 ± 0.6 mm	2.0 ± 0.6 mm
Operating Life Cycles of Keys	Min. 50 Million Keystrokes	Min. 50 Million Keystrokes

Cable and Connectors:

Connector	USB Type-C	USB
Textile-Braided Cable	✓	✓
Spiral Cable	✓	✓
Cable Length	150 cm	150 cm
Gold-Plated USB Plug	✓	✓

Package Contents:

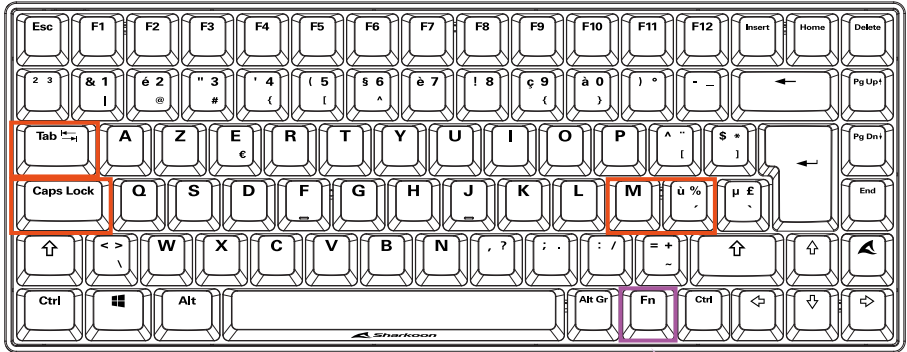|		
	SKILLER SGK50 S3 Red	SKILLER SGK50 S3 Brown
	Keycap Puller Tool	Keycap Puller Tool
	Switch Puller Tool	Switch Puller Tool
	USB Cable (150 cm)	USB Cable (150 cm)

| SKILLER SGK50 S3 Yellow	SKILLER SGK50 S3 PBT (G PRO 3.0 Yellow)	SKILLER SGK50 S3 Barebone
Gaming Keyboard	Gaming Keyboard	Gaming Keyboard
Hot-swap (Gateron)	Hot-Swap (Gateron)	Hot-Swap
84 ANSI / 85 ISO	84 ANSI / 85 ISO	84 ANSI / 85 ISO
ABS	PBT	
Laser	Dye Sub	
RGB	RGB	RGB
✓	✓	✓
✓	✓	✓
1,000 Hz	1,000 Hz	1,000 Hz
75 % Layout	75 % Layout	75 % Layout
✓	✓	✓
256 kB	256 kB	256 kB
✓	✓	✓
790 g	862 g	565 g
724 g	796 g	499 g
310 x 120 x 40 mm	310 x 120 x 40 mm	310 x 120 x 29 mm
Windows	Windows	Windows
✓	✓	✓
✓	✓	✓
50 ± 15 g	55 ± 15 g	
Linear	Linear	
2.0 ± 0.6 mm	2.0 ± 0.6 mm	
Min. 50 Million Keystrokes	Min. 100 Million Keystrokes	
USB Type-C	USB	USB
✓	✓	✓
✓	✓	✓
150 cm	150 cm	150 cm
✓	✓	✓
SKILLER SGK50 S3 Yellow	SKILLER SGK50 S3 PBT	SKILLER SGK50 S3 Barebone
Keycap Puller Tool	Keycap Puller Tool	Keycap Puller Tool
Switch Puller Tool	Switch Puller Tool	Switch Puller Tool
USB Cable (150 cm)	USB Cable (150 cm)	USB Cable (150 cm)
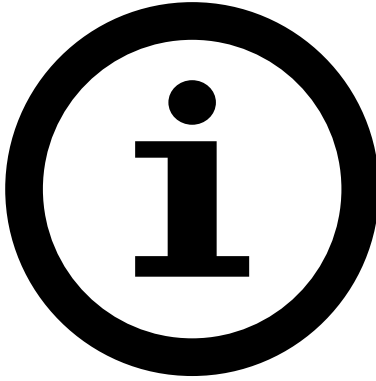
If VIA configuration is not possible through the website at **https://usevia.app/**, please then use the alternative website at **https://via.evove.top/**.

Macro Keys

Fn + Tab — Macro

Fn + Caps Lock — Start Recording

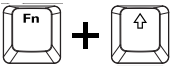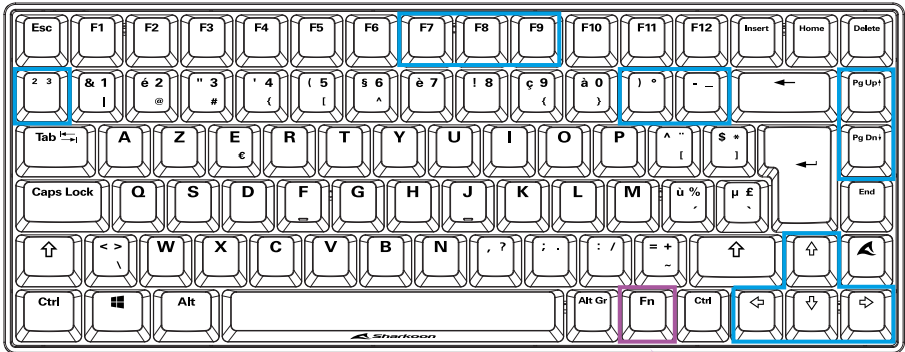Fn + Caps Lock — Stop Recording
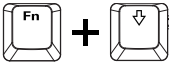
Fn + M — Macro Key 1

Fn + ù % — Macro Key 2

Set up Macros
To set up macros, first press and hold down the function key and then press the tab key. Once you have done this, the two macro keys ; and ' will start flashing. Press and hold down the function key and press one of these two macro keys to select it for macro recording. In the next step, first press and hold down the function key and then press Caps Lock key. The macro key you selected will now start to light up continuously. You can now start entering your macro actions. You can enter up to 16 individual actions. When you have reached the maximum number of actions, the selected macro key starts to flash, and the recording is automatically ended. However, if you would like to end the recording before all 16 available macro actions have been entered, first press and hold down the function key and then press the Caps Lock key to end the recording.
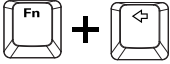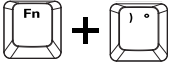
Lighting Effects
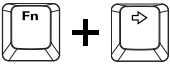
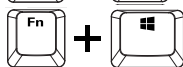| Keys	Effect
Fn + ⇧	Brightness +
Fn + ⇩	Brightness −
Fn + ⇨	Change Lighting Effect
Fn + ⇦	Change Color of Lighting Effect
Fn +) °	Frequency −
Fn + - _	Frequency +
Fn + F7 F8 F9	Lighting Profiles
Fn + 2 3	Set up Lighting Profiles
Fn + Pg Up	Saturation +
Fn + Pg Dn	Saturation −
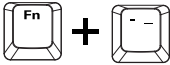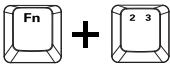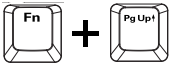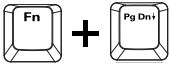
Set up Lighting Profiles

To set up or modify lighting profiles, first press and hold down the function key and then also press the ²³ key. Up to three lighting profiles can be accessed separately via the F7, F8 or F9 key. These keys begin to flash. To choose one of these three profiles, press and hold down the function key again and then also choose and press one of the keys that is now flashing. You can then select and press any keys that you wish to be illuminated. When you have finished with the selection of keys, press and hold down the function key again and then press the ` key once more to save the personalized illumination. This can now be accessed via the previously chosen F7 - F9 key.
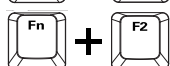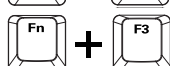
Additional Functions
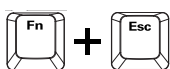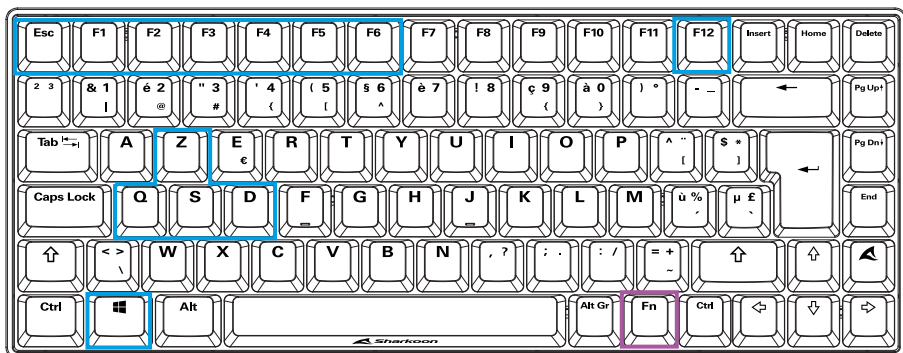
Keys	Function
Fn + **Esc**	Reset to Factory Default
Fn + ⊞	Windows Key Locked
Fn + **F1**	Play /Pause
Fn + **F2**	Previous Track
Fn + **F3**	Next Track
Fn + **F4**	Mute
Fn + **F5**	Volume –
Fn + **F6**	Volume +
Fn + **F10**	Print Scr
Fn + **F11**	Scroll Lock
Fn + **F12**	Pause
Fn + **Z**	Up Arrow
Fn + **Q**	Left Arrow
Fn + **S**	Down Arrow
Fn + **D**	Right Arrow
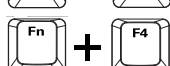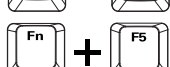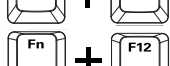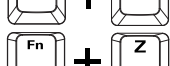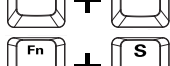
Remove Keycaps
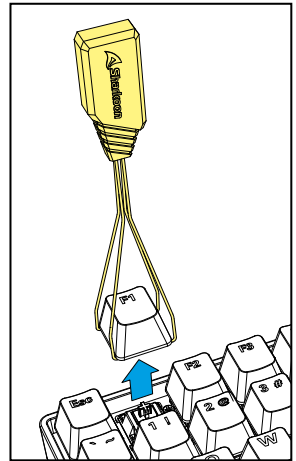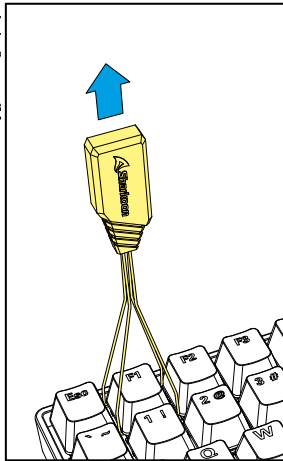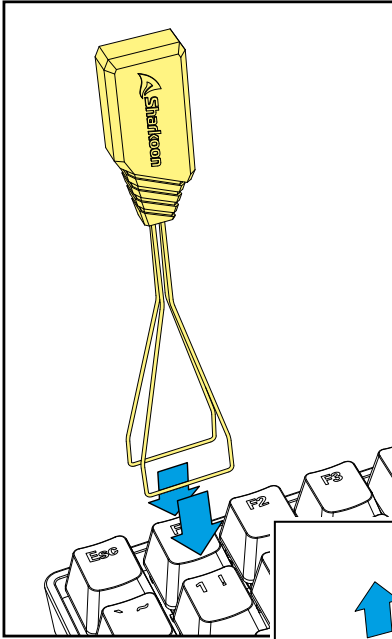
Before removing a switch, first remove the keycap. To do this, place the arms of the keycap puller tool either to the left and right or to the top and bottom of the keycap, and then pull the keycap upwards with careful but constant pressure. Whenever possible, avoid pulling the keycaps from the switch directly with your fingers, as this may damage the switch.

Remove Switches
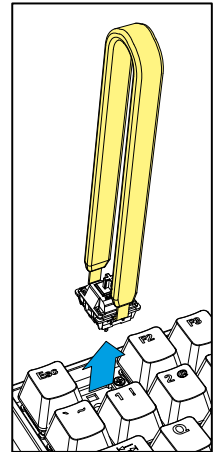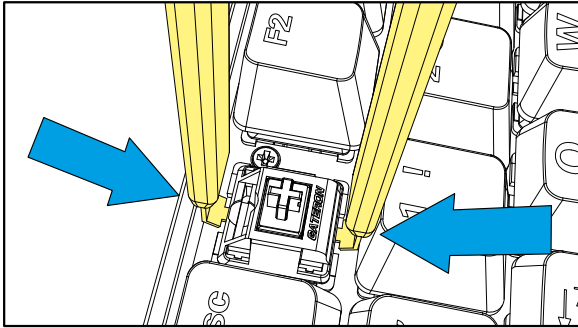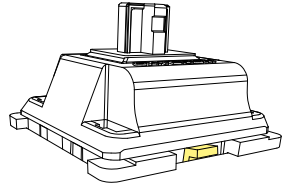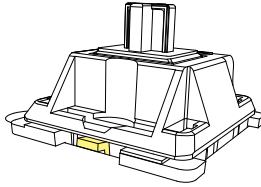
Once you have removed the keycap from the switch, position the switch puller tool correctly on the tabs of the switch. These are positioned to the front and the back of the switch. Before pull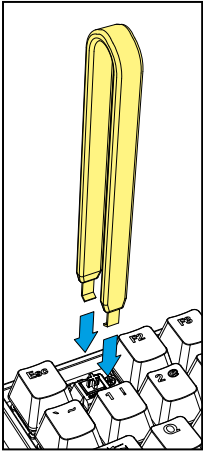ing out the switch, make sure that both tabs are securely pressed with the switch puller tool and that the switch can be removed from the socket without resistance. If necessary, remove the adjacent keycaps to allow the switch puller tool sufficient freedom of movement. After you have removed the keycap, press both tabs of the switch with the switch puller tool and then slowly pull the switch out of the socket. Be sure to always pull vertically from the socket with a straight, upward direction. Avoid pulling in a slanted direction, as this can result in damage.

Install Switches
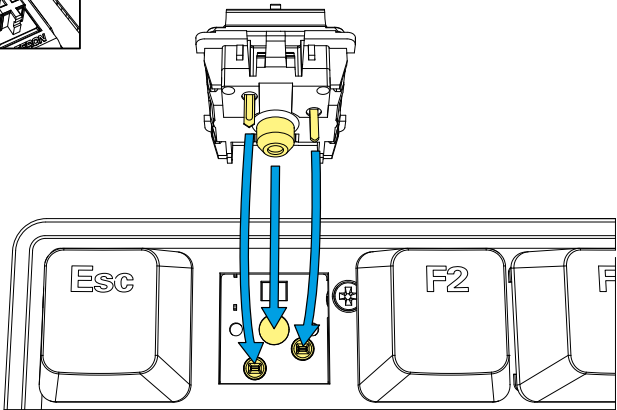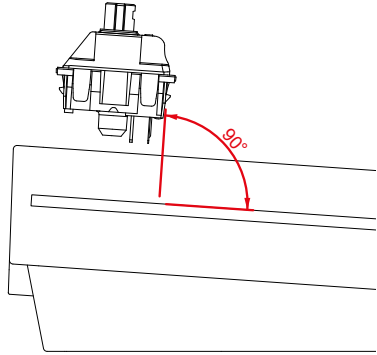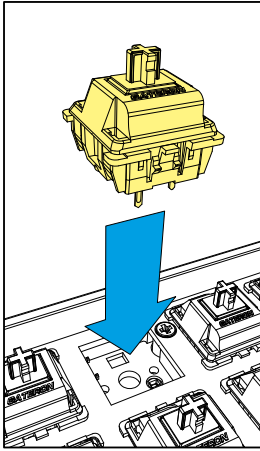
To install the switches, position the switch so that one tab is at the front and the other tab is at the back. Each pin on the underside of the switch should be pointing exactly to its relevant contact in the keyboard socket. Make sure that the switch is led vertically into the socket opening (at a 90-degree angle to the socket). Installing the switch incorrectly can lead to damage or malfunction of the switch. After you have placed the switch in its socket, push very gently on the switch to secure it in place. Make sure that you do not use too much force, as this can damage or destroy fragile components.

Note

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