

sharkoon



SKILLER MECH



SGK1

ILLUMINATED GAMING KEYBOARD

Manual

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Dear Customer,

Thank you for the purchase of your new Sharkoon product. To ensure a long service life, and full functionality of the product, we recommend that you read this manual thoroughly.

SHARKOON Technologies

www.sharkoon.com

1. Properties

- Mechanical gaming keyboard with white LED illumination
- Aluminium alloy reinforced top cover
- Six pre-programmed lighting effects
- Five individually programmable lighting profiles
- Six brightness levels
- Professional Kailh switches
- N-key rollover
- Anti-ghosting keys
- Gaming mode with disabled windows key
- Arrow keys functions are interchangeable with the WASD section
- Function keys with preset multimedia actions
- Integrated palm rest
- Gold-plated USB plug

2. Specifications

2.1 General

Type	Gaming Keyboard
Switch Technology	Mechanical (Kailh)
Illumination	White, LED
Adjustable Illumination	20 %, 40 %, 60 %, 80 %, 100 %, Off
Lighting Effect	6
Lighting Profiles	5
Max Polling Rate	1,000 Hz
Gaming Mode	✓
Block	3-Block Layout
Palm Rest	Integrated
Weight incl. Cable	1.32 kg
Dimensions (L x W x H)	458 x 220 x 44 mm
Supported Operating Systems	Windows 7/8/10



2.2 Key Properties

Function Keys with Preset Multimedia Actions	✓		
Anti-Ghosting Keys	✓		
N-Key Rollover Support	✓		
	Red	Brown	Blue
Operating Force	50 g	45 g	50 g
Switch	Linear	Tactile	Tactile
Switching Point	Undetectable	Detectable	Detectable
Click Point	Undetectable	Undetectable	Precisely Detectable
Distance to Actuation Point	2 mm	2 mm	1.9 mm
Operating Life Cycle of Keys	Min. 50 Million Keystrokes		

2.3 Cable and Connectors

Connector	USB
Textile Braided Cable	✓
Cable Length	180 cm
Gold-Plated USB Plug	✓

3. Package Contents

- SKILLER MECH SGK1
- Manual

Note:

Should any of the above items be missing, please contact our customer service immediately:

support@sharkoon.com (Germany and Europe)

support@sharkoon.com.tw (International)



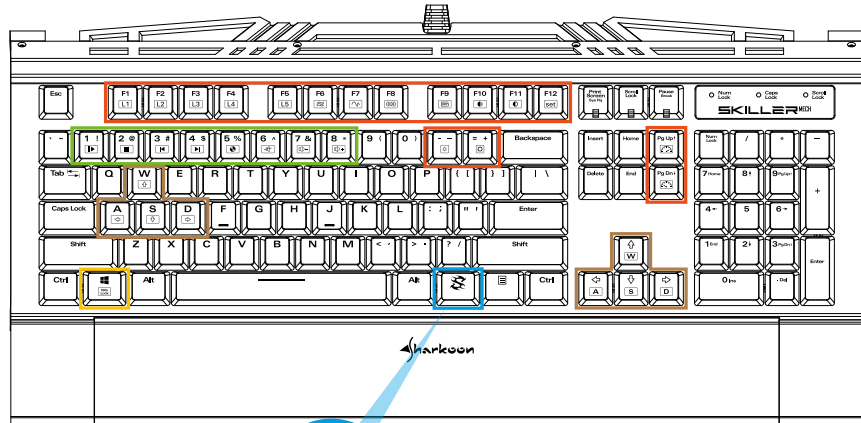
4. SKILLER MECH SGK1 Overview

Lighting Profiles and Lighting Effects

	Lighting Profiles		Tide/Tide illuminated		Brightness +
			Explosion		Brightness -
			Spiral/Grid		Frequency +
			Trigger		Frequency -
			Pulsating/Permanent		
	Wave/Swirl		Set Up Lighting Profiles		

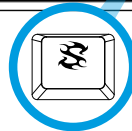
Function Keys with Preset Multimedia Actions

	Play/Pause
	Stop
	Previous Track
	Next Track
	Media Player
	Mute
	Volume Down
	Volume Up



Key Lock Function

	Windows Key Locked
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Arrow Keys Functions are Interchangeable with the WASD Section

	Changes WASD and Arrow Keys
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4.1 SKILLER Function Key

Some keys on the SKILLER MECH SGK1 keyboard are preset with additional functions. To activate these functions press the SKILLER Function key.

4.2 Set Brightness

The SKILLER Function key + decreases the illumination brightness, while the SKILLER Function key + increases the brightness. This applies to all effects, as well. Brightness levels of 20 %, 40 %, 60 %, 80 %, 100 %, plus turning the brightness off, are all possible.

Once the lowest level is reached, the Scroll Lock LED will blink to indicate that a lower level is not possible. The same will happen once the highest level is reached.

Note:

To turn off the illumination entirely, press the SKILLER Function key + repeatedly until the illumination goes off.



4.3 Select Lighting Effect

Switch between the six total lighting effects by pressing the SKILLER Function key + F6-F11. The F6, F7 and F9 keys offer two lighting variations. Press the respective key combination twice to cycle through the variations.

Example: To launch the “Wave” effect, press the SKILLER Function key + F6 once. To launch the “Swirl” variation, press the SKILLER Function key + F6 twice.

FN + F6: Wave – The keys light in the form of a wave from left to right, or right to left. Use the SKILLER Function key + sideways arrow keys to change the direction of the wave.

FN + F6 (twice): Swirl – The lighting rotates around the center of the keyboard. Use the SKILLER Function key + sideways arrow keys to change the direction of the vortex.

FN + F7: Tide – Waves run over the keyboard.

FN + F7 (twice): Tide illuminated – The same effect as Tide, but with an activated background illumination.

FN + F8: Explosion – Starting from the pressed key, the lighting spreads out in a circular pattern across the keyboard.

FN + F9: Spiral – Starting from top-right, the keys will light up and run clockwise from outside to inside.

FN + F9 (twice): Grid – Starting from top-right, the keys will light up and run from right to left, then on the second row from left to right, and then on the third row from right to left, etc.

FN + F10: Trigger – Every pressed key illuminates and slowly fades.

FN + F11: Pulsating – All keys will slowly light and dim repeatedly.

FN + F11 (twice): Permanent – All keys continuously illuminate.

4.4 Set Frequency

All lighting effect speeds can be increased or decreased. Press the SKILLER Function key + Page Up to increase the effect speed or SKILLER Function key + Page Down to slow down the effect speed.

Note:

Once the lowest level is reached, the Scroll Lock LED will blink to indicate that a lower level is not possible. The same will happen once the highest level is reached.

4.5 Lighting Profiles

Your SKILLER MECH SGK1 already includes five preset lighting profiles, which each can be individually customizable. Within each profile, every key can illuminate with exception to the SKILLER Function key. To customize a profile, proceed as follows:

- Press the SKILLER Function key + F12. The profile key will start to blink.
- Select the desired profile key (F1 - F5). The lighting will cease.
- Press all keys that should illuminate during this profile. The selected keys will stay illuminated.
- To save the profile, press the SKILLER Function key + F12 again.

The profile is now saved under the selected Function key. To launch the profile, press the SKILLER Function key and the defined profile key (F1 – F5). To stop the profile, simply select another profile or lighting effect.



4.6 Gaming Mode









If you want to lock the Windows key, press the SKILLER Function key + Windows key. To unlock the Windows key, press this combination again.

4.7 Arrow Keys Functions Are Interchangeable with the WASD Section

To swap the functions of the arrows and WASD keys, press the SKILLER Function key + the W-key. To undo this functions swap, press this combination again.

4.8 Function Keys with Preset Multimedia Actions

The 1 – 8 keys are preset with multimedia actions and quick access to the media play.

Keys	Function	Keys	Function
 + 1	Play/Pause	 + 5	Media Player
 + 2	Stop	 + 6	Mute
 + 3	Previous Track	 + 7	Volume Down
 + 4	Next Track	 + 8	Volume Up

4.9 Reset

To reset the keyboard, press and hold for three seconds the key combination SKILLER Function key + Pause. Afterwards, the keyboard lighting is set to 100% brightness and Wave mode is enabled. The lighting profiles also reset to factory settings.

5. Connecting to the PC

Connect the USB plug on SKILLER MECH SGK1 to an available USB port on your PC. The operating system will automatically recognize the SKILLER MECH SGK1.

Note:

If the SKILLER MECH SGK1 is not recognized, disconnect it and try a different USB port on your PC.




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Disposal of Your Old Product:

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC. Please be informed about the local separate collection system  for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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