



# STOGA

Mk21 mechanical keyboard

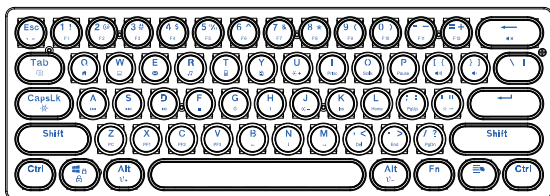
User 's manual

ShenZhen Stoga Technology CO. LTD.



## Equipment layout

## US



## Product introduction


1. High performance byk816 MCU design, full speed USB communication protocol to meet the speed requirements of competitive games, support USB online update
2. The keyboard is designed with 61 keys, and 100 keys can be realized after FN combination. (standard keys and multimedia function keys) macro definition and light definition can be realized by driving
3. The wire rod is copper core wire, type-C design, easy to plug and carry, and the wire length is about 1.6 meters
4. Adopt international grade a high quality 1.6mm FR-4 double layer PCB
5. Flash memory, support power down storage (64K storage space)
6. Full keyboard independent RGB lighting design, each LED lamp 256 level PWM, delicate and soft, with a variety of cool lighting effects, add color to the game, support full keyboard backlight customization
7. Perfect match with windows series, compatible with Android, Linux, IOS and other operating systems
8. USB 2.0 full speed connection device, support 1000 report rate


## Grundparameter

Product model: MK21	Backlight color: RGB backlight
Interface type: type-C	Keyboard layout: 61 keys
Working voltage: 4.5-5.5 V	Full key no punch: supported
Working current: 250mA	


## FN + key combination

FN+  (space bar) 3 seconds = factory reset

FN+ Shift +  = ~

FN+  = Home page;

FN+  = F1;

FN+  = My computer;





































FN+  = F2;

FN+  = Email;










FN+  = F3;

FN+  = Music;










FN+ 	= F4;	FN+ 	= Calculator;
FN+ 	= F5;	FN+ 	= PRNTPC;
FN+ 	= F6;	FN+ 	= Volume increase;
FN+ 	= F7;	FN+ 	= Volume reduction;
FN+ 	= F8;	FN+ 	= Last song;
FN+ 	= F9;	FN+ 	= Next song;
FN+ 	= F10;	FN+ 	= Play / pause;
FN+ 	= F11;	FN+ 	= Stop;
FN+ 	= F12;	FN+ 	= search
FN+ 	= INS;	FN+ 	= DEL
FN+ 	= HOME;	FN+ 	= `
FN+ 	= END	FN+ 	= Pause
FN+ 	= Mute / unmute		
FN+ 	= Switch 14 light effects		
FN+ 	= Direction key up		
FN+ 	= Key down	FN+ 	= Page Down
FN+ 	= Direction key left	FN+ 	= Page UP
FN+ 	= Direction key right	FN+ 	= PC mode
FN+ 	= When the light brightness is increased by 0% -- 20% -- 40% -- 60% -- 80% -- 100%, the white LED lights of caps and win will flash		
FN+ 	= When the light brightness decreases by 100% -- 80% -- 60% -- 40% -- 20% -- 0%, the white LED lights of caps and win will flash		
FN+ 	= SCR LK (after pressing FN + SCR LK, in Excel table, use the keyboard direction key to change pages, press FN + SCR LK again, in Excel table, use the keyboard direction key to wrap the line)		



- FN+  = When this operation is performed, the white light of caps LK key flashes, and the keyboard has no output function
- FN+  = Enter the game mode light, W, a, s, D key lights on, you can customize
- FN+  = Switch to the next color: red, orange, yellow, green, cyan, blue, purple, white, color cycle (some backlight modes are valid)
- FN+  = PF1 mode, in this mode, the white light of key x is always on. When this operation is performed in the drive interface, switch to profil1
- FN+  = PF2 mode, in this mode, the white light of key C is always on. When this operation is executed in the drive interface, switch to profil2
- FN+  = PF3 mode, in this mode, the white light of V key is always on. When this operation is executed in the drive interface, switch to profil3
- FN+  = Lock / open windows, app, open by default
- FN+  = The backlight speed is accelerated (adjustable for 5 times, and the white light of caps LK + win key flashes 3 times at the limit). The default speed is about 80%)
- FN+  = The backlight speed is slowed down (adjustable for 5 times, and the white light of caps LK + win key flashes 3 times at the limit). The default speed is about 80%)

When the keyboard is in upper case, the LED light of capsLk button is always on, and when the keyboard is in lower case, it is synchronized with the backlight

## The specific operation steps of backlight recording are as follows:

- 1.First press FN +  to enter the game backlight: A, s, D, w lights
- 2.Press FN + , the capslock and win indicator lights are always on to enter the recording mode
- 3.When recording and lighting LED, you need to press FN + , and then click the led you want to turn on. {color description: FN +  first = red; second = orange; third = yellow; fourth = green; fifth = cyan; Sixth = blue; seventh = purple; eighth = white; Ninth =colorless (to cancel multiple backlight). And in the corresponding color prompt} .
- 4.Record led 3 and repeat
- 5.After recording, press FN +  again to save the recorded light (the previous default backlight is replaced)
- 6.From backlight mode to game mode, press FN +  key to switch to backlight mode,and press FN to switch to backlight mode+ 



Made in China



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