泰德X127说明书
尺寸：90x120mm
材质：150G双铜+双面印油+折页
印刷：正反面四色印刷（双面印刷，请注意封面和封底调整排版折页顺序，按商务确认为准）

BOYI



K87 Pro Mechanical Keyboard

User Manual

Thank you for purchasing the BOYI K87 Pro Mechanical Keyboard.
We hope you will be satisfied with our products and services. The functions and operation of this product will be described in detail below.

How to Customize LCD Screen: Date/Time/GIF

This screen supports two driver methods to customize Time/GIF: convenient Web Driver and stable Local Driver.
Method 1: Convenient Web Driver
1. Go to Web driver link in browser: https://image.rdmctmzt.com/
2. Sync date-time or upload custom GIFs.



Method 2: Stable Local Driver
1.Go to BOYI official website to download the local driver.
https://www.boykeyboard.com/Software-Driver.html



Sync Screen Time & Upload GIF Animations

2. Unzip the downloaded file and install the software.
3. Open the software to adjust time and animations.

Multimedia Button Functions



- M1: Default function: Previous track
- M2: Default function: Play/Pause
- M3: Default function: Next track

These three multimedia buttons can be customized by the user on VIA.

Indicator Light Description

Caps =Caps Lock

Win =Win Lock

Battery = Charging Indicator

Knob Functions

• Default Mode:
Turn clockwise to increase volume, counterclockwise to decrease volume, press to mute
• FN + Press Knob:
Enter screen adjustment mode: Turn clockwise to go to the next screen, counterclockwise to go to the previous screen, press to confirm and enter the next level: if reach the bottom level, return to the home screen
• FN + PGUP:
Cycle through three different screen modes: Main Interface, ★ Typing Mode (white screen), ★ Animated GIF Mode
• FN + PGDN:
Switch three animated GIFs.No animated GIFs are included by default;only GIF1/GIF2/GIF3 image available.(Note:FN+PGDN function Only work with Screen in Animated image mode)
• FN + END:
Turn the screen on/off

FN Key Combination Functions

MAC System

Shortcut	Function	Shortcut	Function
F1	Screen brightness-	FN+F1	/
F2	Screen brightness+	FN+F2	/
F3	Open mission control	FN+F3	/
F4	Open launchpad	FN+F4	/
F5	Short press to search, long press to activate SIRI	FN+F5	/
PRTSC	screenshot	FN+PRTSC	Screenshot
F7	Previous track	FN+F7	Previous track
F8	Play/Pause	FN+F8	Play/Pause
F9	Next track	FN+F9	Next track
F10	Mute	FN+F10	Mute
F11	Volume-	FN+F11	Volume-
F12	Volume+	FN+F12	Volume+
/	Control	/	/
/	Option	/	/
/	Command	/	/

WIN System

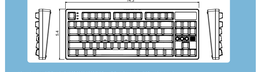
Shortcut	Function	Shortcut	Function
F1	Screen brightness-	FN+F1	Screen brightness-
F2	Screen brightness+	FN+F2	Screen brightness+
F3	Task view	FN+F3	Task view
F4	Open file explorer	FN+F4	Open file explorer
F5	Search	FN+F5	Search
PRTSC	Screenshot	FN+PRTSC	Screenshot
F7	Previous track	FN+F7	Previous track
F8	Play/Pause	FN+F8	Play/Pause
F9	Next track	FN+F9	Next track
F10	Mute	FN+F10	Mute
F11	Volume-	FN+F11	Volume-
F12	Volume+	FN+F12	Volume+
/	/	/	/
/	/	/	/
/	/	FN+	Turn win on/off
/	/	/	/

MAC/Windows System Features

Shortcut	Function
FN+	PrtSc
FN+	ScrLk
FN+	Pause
FN+	Switch backlight effects (46 effects available)
FN+	Switch backlight color (some effects are available)
FN+	Check battery level (works when powered by battery in wireless mode); Backlight turns off; the number keys 1 through 0 light up to display the battery percentage. For example: 1 lit indicates 10% battery, 1-2 lit indicates 20%, 1-3 lit indicates 30%, and so on (red for below 30%, yellow for below 50%, green for 50% or above)
FN+	Switch side light effects (Mixed, Red Flow, Rainbow, Red Breathing, Steady On, Off)
FN+	Switch side light colors
FN+ (Spacebar)	Press and hold for 3s to restore factory settings
FN+	Increase backlight brightness,5 levels (default level 3)
FN+	Decrease backlight brightness,5 levels (default level 3)
FN+	Slow down backlight speed,5 levels (default level 3)
FN+	Speed up backlight speed,5 levels (default level 3)
FN+	Turn backlight on/off
FN+	2.4G Mode, (works when the toggle switch is set to 2.4G)
FN+	Bluetooth Mode 1, (works when the toggle switch is set to BT)
FN+	Bluetooth Mode 2, (works when the toggle switch is set to BT)
FN+	Bluetooth Mode 3, (works when the toggle switch is set to BT)

COLOR YOUR LIFE

BOYI



Keyboard Model: BOYI K87 Pro Mechanical Keyboard
Number of Keys: 82 Keys + Knob + Screen
Battery Capacity: 4000mAh
Connectivity: USB-C Wired/Bluetooth /2.4G Wireless
Product Size: 14.3-inch,5.4-inch
Color Screen Size: 2.2 inches
Compatible OS: Mac / Windows / Android
Warranty: 1 Year

If you have any issues or concerned things,Please feel free to e-mail us: (boyiservice2020@163.com)

Triple Mode Connection

Msc Win TYPE-C 2.4G USB BT

- Wired Connection Display: BOYI K87 Pro
- 2.4G Connection Display: Wireless 2.4G Dongle
- Bluetooth Connection Display: Bluetooth Connection Display: K87 Pro BT1/K87Pro BT2/K87Pro BT3

Wired Connection

There is no indicator light. When the switch is set to USB, plug in the cable to enter wired mode.

2.4GHz Connection

FN + Q

When the toggle switch is set to 2.4G mode, the Q key's light flashes green slowly. Press and hold the FN+Q key combination for 3 seconds to enter pairing mode; the Q key's light will then flash green rapidly. Insert the receiver; once pairing is successful, the pairing mode will exit and the Q key's light will return to backlight mode. If no pairing device is found within 20 seconds, the pairing mode will exit, the Q key's light will flash green slowly, and the device will enter standby mode. If no pairing action is performed, the device enters sleep mode after 7 seconds.

Bluetooth Connection

FN + W / E / R

Bluetooth Device 1: The blue indicator on the W key flashes; once connected, the backlight returns to normal. A slow flash indicates re-connection, and a fast flash indicates pairing.
Bluetooth Device 2: The blue indicator on the E key flashes; once connected, the backlight returns to normal. A slow flash indicates re-connection, and a fast flash indicates pairing.
Bluetooth Device 3: The blue indicator on the R key flashes; once connected, the backlight returns to normal. A slow flash indicates re-connection, and a fast flash indicates pairing.

Screen Display

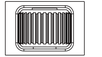


① Date and Time
② System Status (Windows or Mac)
③ Battery Status (Green: 100–60%, Yellow: 60–40%, Red: Below 40%; percentage not displayed)
④ Triple-Mode Connection Status (Wired/2.4G/BT1,2,3)
⑤ WIN Lock Status (Press Fn+Win)
⑥ A: Caps Lock Status
⑦ N: Num Lock Status
⑧ ↓: Download Status

Screen Function Selection



- Backlight Effect Selection
- Backlight Color Selection
- Backlight Fade Speed Adjustment
- Backlight Brightness Adjustment
- Side Light Effect Selection
- Side Light Color Selection
- Factory Default: English
- Volume Adjustment
- GIF Animation Preview



Scroll left/right or press to select.

BOYI K87Pro VIA Setup Guide

Note: VIA only works with USB-C wired connection. Wireless modes (Bluetooth2.4G) are not supported. Please Use Google Chrome, Microsoft Edge, Brave due to VIA online configurator does not fully support Firefox or Safari.Please be sure to upload the driver (JSON file) first in the Design tab.
1.Download BOYI K87Pro JSON file from BOYI official website: https://www.boykeyboard.com/Software-Driver.html
After downloading, be sure to unzip/extract the file before uploading.
2.Open VIA Official Webpage: https://usevia.app/

K87Pro VIA JSON File



3.Go to SETTINGS, turn on Show Design Tab.



4.Click DESIGN tab → Load, select and upload the downloaded JSON file.



5.Switch to CONFIGURE tab, click Authorize Device and select K87Pro.



6.When the virtual keyboard appears, connection succeeds. You may remap keys and set macros.



Troubleshooting

- Device not detected: Re-plug USB-C cable, refresh webpage, confirm wired mode.
- No Design Tab: Enable "Show Design Tab" in SETTINGS.
- Wrong layout: Re-download the Keyboard Upgrade File and re-upload the official JSON file.
- Contact BOYI Support (boyiservice2020@163.com) for more help.

BOYI K87 Pro Mechanical Keyboard Driver Website:

https://www.boykeyboard.com/Download.html

BOYI Customer Service E-mail Address:

boyiservice2020@163.com

LCD Screen Customization (Date / Time / GIF) Software Website:

https://image.rdmctmzt.com/

VIA Driver Website:

https://usevia.app/

If you have any questions please feel free to contact us at the mailbox: boyiservice2020@163.com