Dongguan V83PROM2 Fully Customizable Mechanical Keyboard User Manual

USER MANUAL

Contents

V83PROM2 Fully Customizable Mechanical Keyboard

Fully Customizable / **Hot Swappable** / **RGB Lights**
Product Name: Mechanicl keyboard
Keyboard Model: V83PROM2
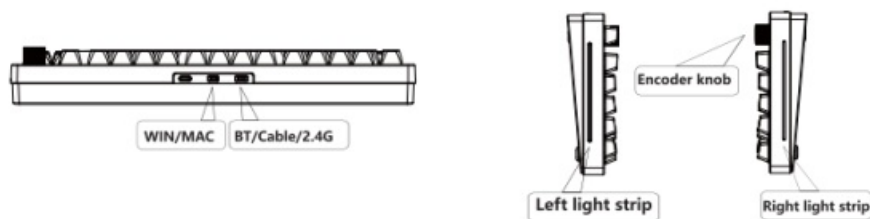**Support System:** (Win/Android/Mac/10S)
Shell Material: All-metal aluminum alloy shell
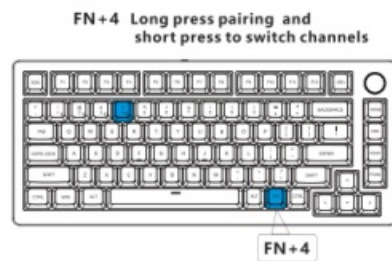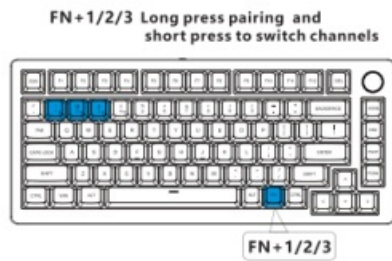**Switch Support**: 82-key mechanical switch
Data Line Support: USB Type-C Separation
Backlight : RGB Software:VIA

System switching/ Working mode switching

Bluetooth pairing /2.4G pairing

FN+1/2/3 Long press pairing and short press to switch channels

FN+4 Long press pairing and short press to switch channels

FN+1/2/3

FN+4

Lamp efficiency Mode switching /Restoring factory settings

FN+BACKSPACE Lamp efficiency Mode switching

Press FN+ ESC key for 3 seconds to restore all backlit red lights flashing 3 times

FN+BACKSPACE

FN+ESC
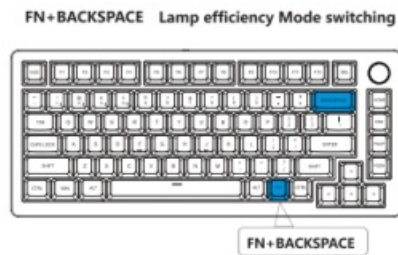
Adjustment of backlight chromaticity

Adjust chromaticity by FN+PgUp in static mode

Adjust chromaticity by FN+PgDn in static mode

FN+PGUP

FN+PGDN
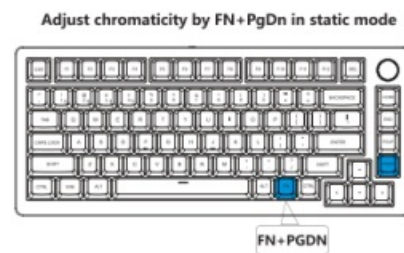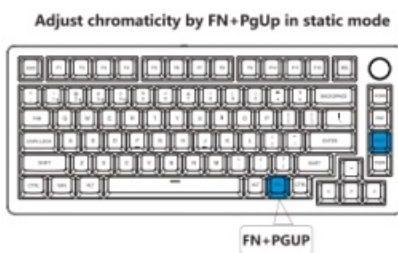
The breathing speed of backlight lamp effect

FN + Direction left = Backlight breathing speed decrease

FN+ Direction right = Backlight breathing speed increase

FN+left

FN+right
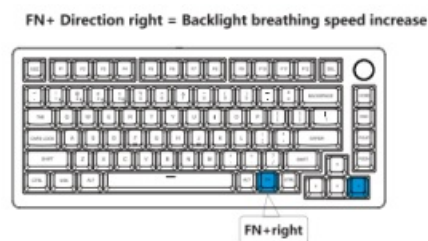
Backlight brightness adjustment

FN+ UP = Backlight brightness increase

FN+ DN = Backlight brightness decrease

FN+Up

FN+Dn

Adjustment of backlight saturation

FN+ Encoder rotation counterclockwise
backlight saturation decrease

FN+ Encoder rotates clockwise
backlight saturation increase

FN+ encoder rotates counterclockwise

FN+ encoder rotates clockwise

Volume adjustment

Encoder rotates volume clockwise increase

Eencoder rotates counterclockwise volume decrease
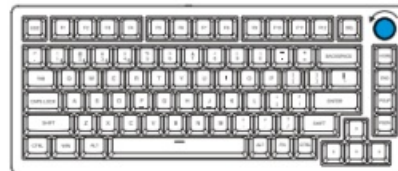
LED status overview

Keyboard uppercase state This key is always red light
Lowercase status follows the backlight

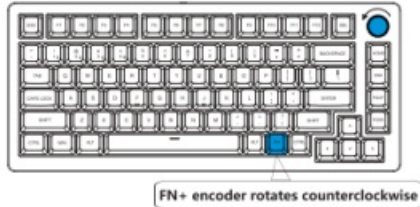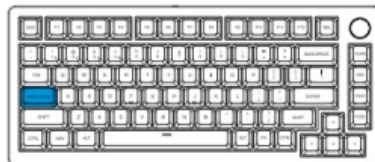FN+WIN short press to lock the WIN key
WIN key red light on

FN+WIN

In wireless mode, press FN+SPACE
The green light on the digital key indicates
the percentage of battery power
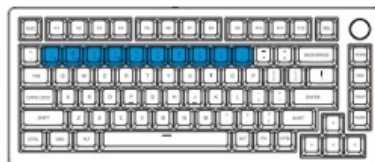
The SPACE button blinking red indicates
that the battery is low
The SPACE key lights up red while the
keyboard is charging

Description of multimedia combination

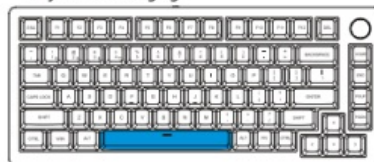| Source button (Press first)	Combine key (Then press)	Multimedia functior (WI N)	Multimedia function (MAC De fault)
FN +	Fl	Brightness decrease	Brightness decrease
	F2	Brightness increase	Brightness increase
	F3	Mail	
	F4	Search	
	F5	calculator	
	F6	Music	
	F7	Last one	Last one
	F8	Pause / play	Pause / play
	F9	Next one	Next one
	FIO	Mute	Mute
	Fll	Volume decrease	Volume decrease
	F12	Volume increase	Volume increase

Support wireless mode switching/pairing

Bluetooth:
N+ 1/2/3 (short press to switch, long press to pair)
The Corresponding key light indicates that it flashes quickly when pairing, and flashes slowly when reconnecting. After the connection was successful, the key light stays on for 2 seconds and then returns to the overall backlight effect. If the pair cannot be paired within 1 minute, it will automatically enter the sleep state; When connecting back, if the connection is not successful within 20 seconds, itwill automatically enter sleep.
2.4G:
FN+4 (short press to switch, long press to pair)

Sleep mode

If there is no action in the wireless state for 10 minutes, the keyboard automatically enters the first level sleep. At this time, the light is off, the Bluetooth or 2.4G is in the connected state, and there is key output at the same time. When the keyboard does not work for 30 minutes, it enters the second-level hibernation state. At this time, the wireless of the keyboard is disconnected. No code will be sent when the keyboard is pressed for the first time, When the keyboard is automatically connected after waking up, there will be key output after the connection is normal.

Battery indicator:

Lithium battery (3.7V): When the battery voltage is lower than 3.5V, the red indicator light of the space key on the keyboard flashes, and when charging, the red indicator light of the space key is always on; When fully charged, the space key will follow the backlight, and the keyboard will automatically shut down when it is lower than 3.0V. After automatic shutdown, the key is invalid, and the low battery indicator lights up, indicating that charging is required at this time.

Lithium battery power query

In the wireless state, press FN+space key, and digital key 1-0 will turn on the green light to display the percentage

of battery power: 1 key indicates 10% battery power, 2 keys indicate 20% battery power

Technical Specifications

Keyboard size: 335*143*47mm
Maximum brightness operating current : < 300 mA
Working distance: 8-10m
Lithium battery capacity: 4000 mAh
Working voltage: 3.7V
Charger specifications: 5V === 1A

VIA Key remapping software

VIA is software that maps buttons, If VIA software does not recognize your keyboard Please contact us for technical support (VIA is valid only when the keyboard is connected to the computer via a data line)

Keyboard features

- Tri modes:Wired/Bluetooth/2.4G
- 83 key minimalist style, freely mapped key code and lamp effect
- Removable Power Cable
- Key switchs are freely customizable and support hot-swappable
- Built-in large capacity lithium battery
- A full keyboard RGE cool lighting effect
- Independent metal knob adjust volume
- All-metal shell

Restore factory settings

What if the keyboard fails, or if you want to go back to your original state after modifying the key code and light effect?

1. Press fn+ESC in order (wait 3 seconds); restore factory settings.
2. Download the correct firmware for your keyboard from our website, and then unplug the data line from the keyboard.
3. Unplug the space bar key cap and find the reset point of the PCB
4. Short-circuit the reset point for a long time, insert the keyboard data cable at the same time, and then disconnect the reset point, and the keyboard enters DFU mode.
5. You can then use the QMK toolbox to refresh the firmware.
6. Restore the keyboard to the factory settings again and press fn+ESC for 3 seconds.

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed

and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio o television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

What's in the Package?

– 1×83-Keys Tri model Mechanical keyboard
– 1x USB Dongle
– 1x USB Type-C Cable
– 1x User Manual
– 1x Quick Start Guide
– 1x 2 in-1 Keycap puller switch puller
Note:
Do not place the accessories and packaging parts of this product in contact with children in order to prevent asphyxiation caused by accidents.
Do ot expose the product to extreme temperatures below-10 °C (5 °F) or above 50 °C (131 °F) to maintain the service life of the keyboard.

Dongguan

Documents / Resources

USER MANUAL	**Dongguan V83PROM2 Fully Customizable Mechanical Keyboard** [pdf] User Manual 2A85Y-V83PROM2, 2A85YV83PROM2, v83prom2, V83PROM2 Fully Customizable Mechanical Keyboard, V83PROM2, Fully Customizable Mechanical Keyboard, Customizable Mechanical Keyboard, Mechanical Keyboard

References

- **User Manual**