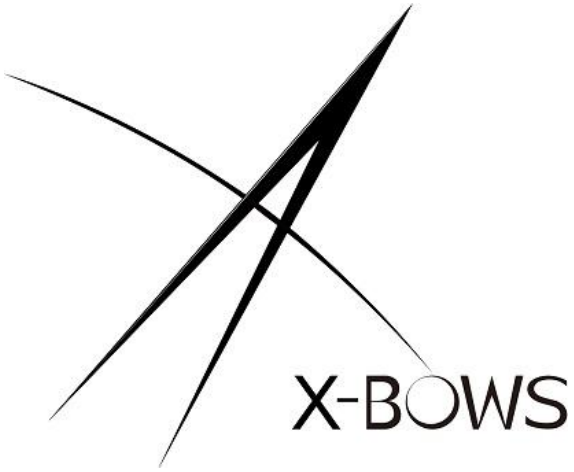

X-Bows Knight-Plus Ergonomic Mechanical Keyboard Operating Instructions

Web: www.x-bows.com

Mail: support@x-bows.com

Product Introduction

The X-Bows Knight-Plus is a fully customizable mechanical keyboard with (86+22Keys)ergonomic layout that pushes your typing experience to the next level. It naturally improves typing posture by aligning your joints and reducing finger travel. These improvements allow you to get more done and feel less discomfort throughout your work day.

What's in the box?

Keyboard

1×Fully Assembled Main Keyboard
1×Fully Assembled Magnetic Numpad

Including
2×PCB
2×One-Piece Aluminum Build Quality
10 Set×Stabilizers
1 Set×Keycaps (OEM ABS Keycaps)
1 Set×Switches (Gateron Switches 3Pin)

Cable

2×Type-A to Type-C Cable

Tools

1×Switch Puller
1×Keycap Puller

Specs

Model	Knight-Plus
Layout	US Layout (86 Keys+22Keys)
Backlight	RGB LED
Switch Support	Hot-Swappable
QMK firmware	Support
MCU	High Performance, Low Power AVR® ATmega32U4
Connectivity	Type-C
Keyboard Size	354.9*147.2*42.4mm; 92.5*147.2*42.4mm;
Working Voltage	4.7-5.3V
Working Current	<350mA(Main Keyboard); <150mA(Magnetic Numpad)

Main Keyboard FN Function Keys

Quantum

Fn+	**ESC**	=	Reset the keyboard
	Delet		Turn NKRO on or off
	PrtSc		Resets EEPROM state
	Backspace		NUMLOCK
	Pgup		Home
	Pgdn		End
	F9		Launch Calculator (Windows)
	F10		Launch My Computer (Windows)
	F11		Launch Media Player (Windows)
	F12		Launch Mail (Windows)

Media

Fn+	↑	=	Volume up
	↓		Volume down
	←		Previous Track
	→		Next Track
	R-shift		Mute Audio
	R-ctrl		Play\pause

Keyboard Settings

Fn+	**Tab**	=	Toggle RGB lighting on or off
	Q		Next RGB mode
	E		Increase hue
	W		Increase value
	S		Decrease value
	D		Increase RGB effect speed
	A		Decrease RGB effect speed

Magnetic Numpad FN Function Keys

Quantum

Fn+	**ESC**	=	Reset the keyboard
	Tab		Resets EEPROM state
	NumLock		Launch Calculator (Windows)
	/		Launch My Computer (Windows)
	*****		Launch Media Player (Windows)
	=		Launch Mail (Windows)

Media

Fn+	**+**	=	Volume up
	-		Volume down

Keyboard Settings

Fn+	**5**	=	Toggle RGB lighting on or off
	7		Next RGB mode
	9		Increase hue
	8		Increase value
	2		Decrease value
	6		Increase RGB effect speed
	4		Decrease RGB effect speed

Flashing Your Keyboard

With full QMK and VIA support, you can program and remap each key on the keyboard with ease. The open-source firmware means endless possibilities for keyboard layouts, shortcuts, backlight effects, even the knob and more.

First

You can open QMK configurator, and select the web page that matches your keyboard model:

X-bows Nature: https://config.qmk.fm/#/xbows/nature/LAYOUT
X-bows Knight: https://config.qmk.fm/#/xbows/knight/LAYOUT
X-bows Knight-Plus: https://config.qmk.fm/#/xbows/knight_plus/LAYOUT
X-bows Knight-Plus-numpad: https://config.qmk.fm/#/xbows/numpad/LAYOUT

(Note: When you are ready to update the keyboard firmware, you only need to connect the keyboard you want to upgrade, and disconnect your computer from other keyboards)

Second

According to the manual, flash your keyboard will be with the QMK Toolbox.

QMK Toolbox download address:https://github.com/qmk/qmk_toolbox/releases
Manual:https://x-bows.com/blogs/blog/how-to-use-qmk-keyboard

Important note

In order to flash your custom firmware you must first put your keyboard into a special flashing mode. While it is in this mode you will not be able to type or otherwise use your keyboard. It is very important that you do not unplug the keyboard or otherwise interrupt the flashing process while the firmware is being written.

Put Your Keyboard into DFU (Bootloader) Mode,There are three ways:

- Press “Fn+Esc”;
- Unplug your keyboard, hold down the Esc and plug in your keyboard
- Press the “RESET” physical button , located on the underside of the PCB

(If you update your keyboard with the wrong firmware, you can try a third method to get the keyboard into DFU mode again.)