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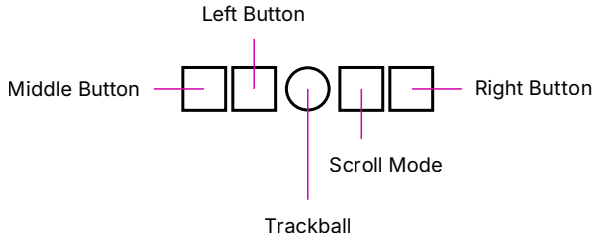
MNT Pocket Reform Standalone Keyboard

Thank you for purchasing the MNT Pocket Reform Standalone Keyboard. Equipped with our signature micro-optical trackball, mechanical Kailh Choc switches, custom injection molded RGB-backlit keycaps and ultra compact ortholinear layout, it makes for a comfy couch, desk or portable setup that doesn't require a mouse.

Getting Started

Connect the keyboard to a computer, media center, TV or mobile device using a USB-C to USB-C or USB-C to USB-A cable (USB 2.0 signals).

Trackball



The trackball motion and buttons are equivalent to a mouse, except that the buttons are rearranged for better ergonomics: refer to the diagram above for the meanings of the four trackball buttons. Holding the button directly next to the ball on the right side turns the trackball into a two-dimensional scroll wheel for browsing documents.

Adjusting the Backlight

You can adjust the keyboard's backlight hue, saturation and brightness by holding the HYPER ⚂ key and rolling the trackball. Roll horizontally to change the hue or vertically to change the brightness. Holding SHIFT ⇧ and HYPER ⚂ while rolling the ball vertically lets you adjust the saturation.

OLED Menu

Press HYPER+ENTER (⚂ + ↵) to open a menu on the little OLED screen at the top of the keyboard. Browse menu items and scroll with the cursor keys, and press ENTER ↵ to select an item. Exit the menu by pressing ESC.

Special Characters and Function Keys

Holding AGR (short for "Alt Gr") and another key lets you type international characters. We recommend setting up the "EurKEY" keyboard layout in your operating system to achieve the following special characters (marked in pink):

ESC	1 ! ¡	2 @ ª	3 # º	4 $ £	5 % €	6 ^ ˇ	7 & ˚	8 * ˛	9 (‘	0) ’	←
TAB	Q Æ	W Å	E Ë	R Ý	T Þ	Y Ÿ	U Ü	I Ï	O Ö	P Œ	; : ·
CTL	A Ä	S ß	D Ð	F È	G É	H Ù	J Ú	K IJ	L Ø	' " ´	↵
⇧	Z À	X Á	C Ç	V Ì	B Í	N Ñ	M µ	, < ò	. > ó	▲	AGR
⚂	↯	ALT	\ | ¬	= + ×			- _ ✓	/ ? ¿	◀	▼	▶

To achieve the compact size of the keyboard, we had to hide some common keys, like the F1—F12 function keys, in a second layer that's activated by holding down HYPER ⚂ :

HYPER ⚂ and...	Function
1—10	F1—F10
Q	F11
W	F12
←	Home
→	End
↑	Page Up
↓	Page Down
O	[
P	]
⇧+O	{
⇧+P	}
⇧+ESC	~
ESC	`
BACKSPACE ←	Delete

Modifying the Firmware and Layout

The electronics design and the firmware running on the keyboard's RP2040 MCU are open source. Find firmware sources and instructions in the "pocket-reform-keyboard-fw" directory at:
https://source.mnt.re/reform/pocket-reform

You can enter flash update mode from the OLED menu. Note that you have to disconnect and reconnect the USB cable in case you want to cancel flash update mode.

CE

The product complies with the requirements of the European Directives and DIN standards:

- EMC Directive 2014/30/EU (EN 55032:2015/A11:2020, EN 55035:2017/A11:2020)
- Low Voltage Directive 2014/35/EU (EN 62368-1:2014)
- RoHS Directive 2011/65/EU (EN 63000:2018)

Get updates and source code at: **https://mntre.com**

Need help? Post on **https://community.mnt.re** or write us at **https://support.mnt.re**

Join our IRC channel **#mnt-reform** on **irc.libera.chat**