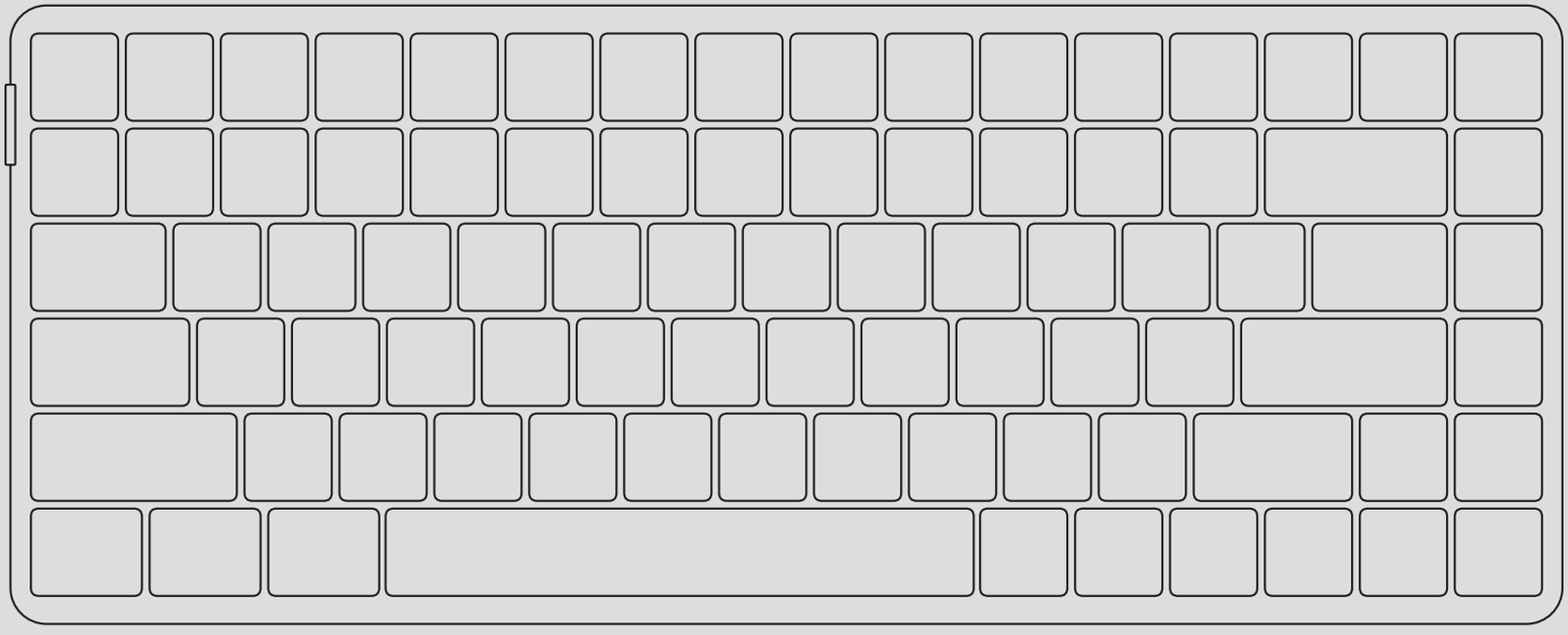


DASH WIRELESS SHORTCUT KEYBOARD

User Guide

JCPAL

Congratulations on your new Dash!

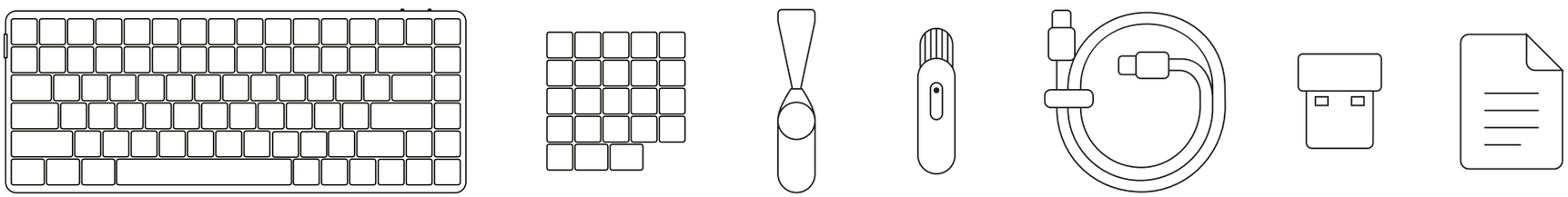
To learn more about what it can do or to download support files, please visit **JCPal.com/Dash-Guide**

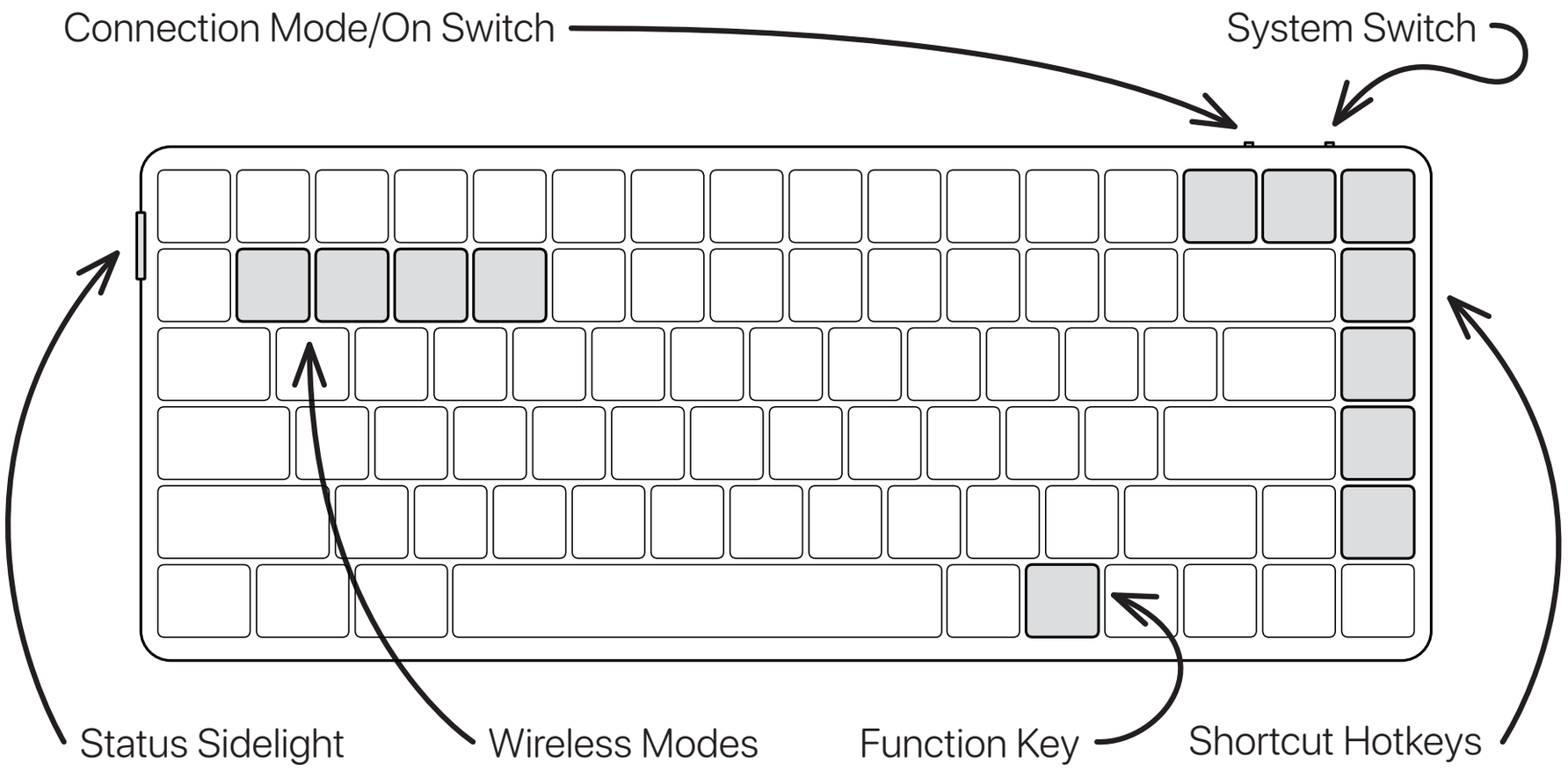
ES Para leer esta guía en español, visite el sitio web a continuación
FR Pour lire ce guide en français, veuillez visiter le site Web ci-dessous
PL Aby przeczytać ten przewodnik w języku polskim, odwiedź poniższą stronę internetową
DE Um diesen Leitfaden auf Deutsch zu lesen, besuchen Sie bitte die folgende Website
CN 如需阅读本指南的中文版，请访问以下网站
KR 이 가이드를 한국어로 읽으려면 아래 웹사이트를 방문하세요

JCPal.com/Dash-Guide

Included Items

Dash Wireless Shortcut Keyboard, 20x Shortcut Hotkey Keycaps, 3x Windows OS Specific Keycaps, USB-C Charging/Connection Cable, USB-A 2.4Ghz Receiver, Retractable Cleaning Brush, Keycap Puller, User Manual



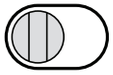


Details

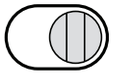
Dimensions: 315 x 125 x 24mm
Weight: 518g (1.13 pounds)
Bluetooth: 5.0
Wireless Range: Up to 10 meters
Key Cap Material: PBT
Battery Capacity: 3500mAh

Switch Type: Gateron Red KS-33
System Compatibility: macOS, Windows, Linux, Android, iOS
Stand Angles: 2°, 5°, 8°
Operating Environment: -10 to 50°C

System Selection

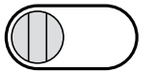


WIN Windows Mode for Windows PC, Android and Linux systems.

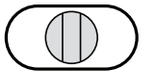


MAC Mac Mode for MacOS, iOS and iPadOS systems.

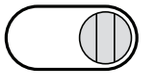
Connection Mode Selection



OFF The Dash is turned off.



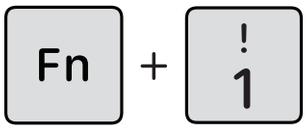
WIRED The USB-C cable can be used to connect your device.



WIRELESS Bluetooth or 2.4GHz connections can be used.

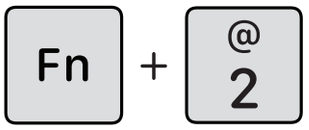
Wireless Modes

You can select your Wireless connection channel using these key combinations:



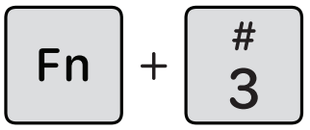
Bluetooth 1

Sidelight: Blue



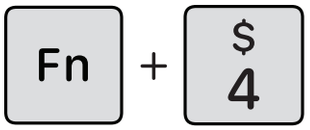
Bluetooth 2

Sidelight: Pink



Bluetooth 3

Sidelight: Light Blue



2.4GHz Mode

Sidelight: Green

Bluetooth Mode

When you first select this mode the sidelight will flash quickly to indicate it's in Pairing Mode. Go to the Bluetooth Settings on your device and connect to **JCPal Dash**. When the Dash is successfully connected to your computer the sidelight will return to the rainbow animation.

To reset or start a new connection, press and hold the desired **Fn + (1/2/3)** key combination until the sidelight flashes quickly to indicate the channel is reset and in Pairing Mode.

Bluetooth Name: **JCPal Dash**

2.4GHz Mode

Connect the USB receiver (magnetically attached to the back of the Dash) to any free USB port on your device. When you select this mode using the **Fn + 4** keys the LED sidelight will flash green while it connects and once connected will return to the rainbow animation.

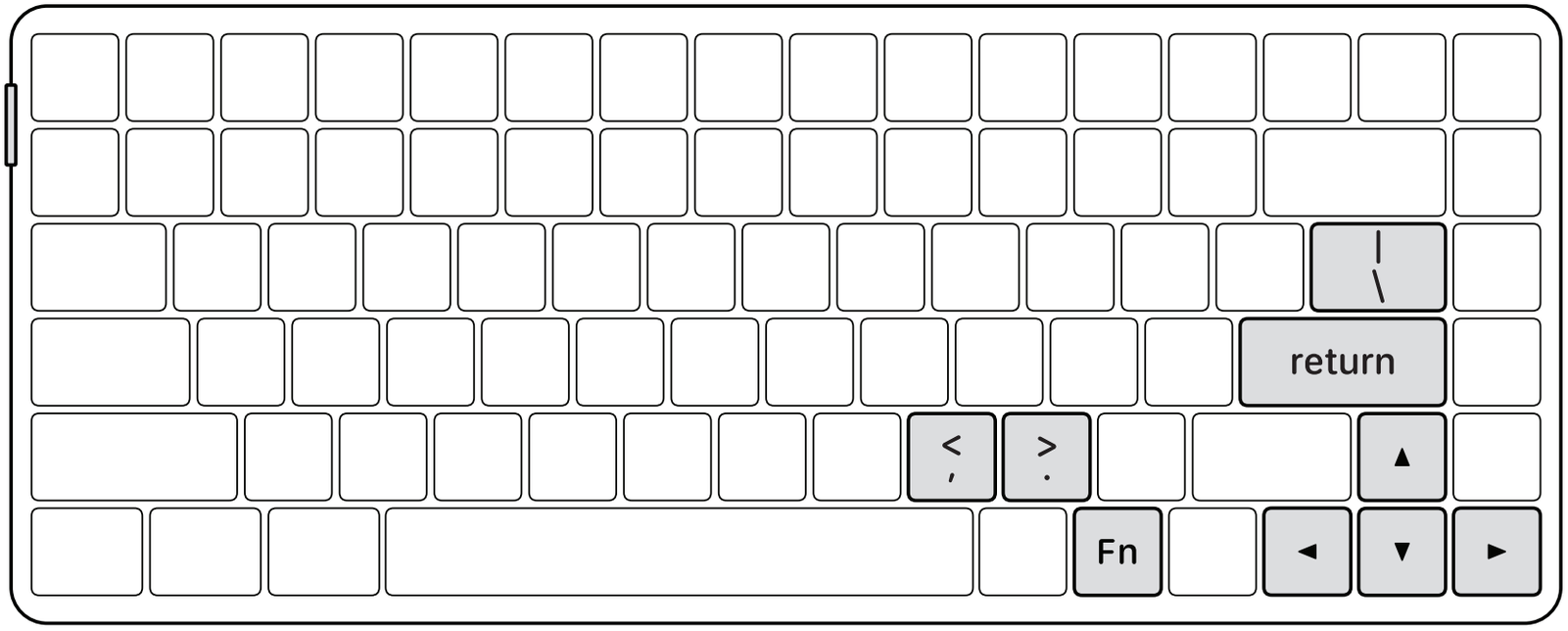
Note: USB 3.0 ports can introduce interference in the 2.4GHz band, so we recommend using a USB 2.0 port for the best wireless experience.

Battery Indicator

0-10% Battery The sidelight will flash red.
11-80% Battery The sidelight flashes orange temporarily when charging begins.
81-100% Battery The sidelight flashes green temporarily when charging begins.

You can also check the battery level by connecting Dash to your device using Bluetooth.

Lighting Controls



Fn + return	Fn + | \	Fn + ▲	Fn + ▼
Backlight On/Off	Sidelight On/Off	Increase Brightness	Decrease Brightness

The sidelight brightness is adjusted along with the backlight brightness. To reset the backlight to the default settings, hold the **Fn + ;** key combination until the backlight flashes.

Fn + ◄	Fn + ►	Fn + < ,	Fn + > .
Change Backlight Mode	Change Backlight Colour	Decrease Animation Speed	Increase Animation Speed

There are 8 backlight modes to choose from. In all modes except the rainbow effect modes you can control the colour of the backlight by selecting one of the preset colours, or using the **VIA** software to select a specific RGB backlight colour using its HEX value.

Charging

To charge Dash, connect the provided USB-C/USB cable to a USB port on your device. To maintain the health of the Dash battery only use a 5V/1A charger or charging port.

Sleep Mode

After **6 minutes** of inactivity Dash will enter sleep mode to conserve battery.
After **30 minutes** of inactivity Dash will enter deep sleep mode.
Press any key to quickly wake the Dash and it will reconnect to your device.

To turn sleep mode off hold the **Fn + Esc** keys for 1 second and the sidelight will briefly turn red to indicate sleep mode is off. To turn sleep mode on hold the **Fn + Esc** keys for 1 second until the sidelight turns green briefly to indicate sleep mode is turned on.

Shortcut Hotkeys

Dash is pre-programmed with seven shortcut hotkeys that allow you to perform multi-key shortcut combinations with one button. These keys are on the top right corner of the Dash. Because everyone works differently we've included 20 extra keycaps so you can customize the hotkeys to suit your workflow. Use the key puller to lift up and remove a keycap and then press a new one into place. The key function can then be reprogrammed using **VIA**.

Customising Your Dash

VIA is an open source web-based software that can be used to customize the Dash's key functions. You can get creative in **VIA** and program complex functions across Dash's four key layers to support your workflow. The customisations you make are stored on the Dash so they'll work on any computer you connect to without any additional software required.

Visit **usevia.app** in a Chrome based browser (eg; Google Chrome or Microsoft Edge) then connect Dash to your computer in wired mode. The first time you use **VIA** you may need to select the Settings Tab (gear icon) and toggle on "Show Design Tab". Select the design tab (paintbrush icon) and load the draft definition file downloaded from **JCPal.com/Dash-Guide.** Note: this step only needs to be done once. Select the Configure tab (keyboard icon), click "Authorize Device" and then select **JCPal Dash** from the menu that appears. You should now see the layout editor.

Layer 0	Layer 1	Layer 2	Layer 3
Windows OS Default Layer	Windows OS Function Layer	Mac OS Default Layer	Mac OS Function Layer

The Windows OS Layers 0/1 are active when the Dash is in **WIN** mode. The Mac OS Layers 2/3 are active when the Dash is in **MAC** mode. The function layers are active when you press and hold the **Fn** key. Different key functions can be stored on each of these layers and up to 16 Macros can be programmed onto Dash, giving you a huge range of options for creative control. Detailed instructions for how to use **VIA** can be found at **JCPal.com/Dash-Guide**.

Troubleshooting

I can't connect using 2.4GHz

If the sidelight is flashing green Dash is trying to connect to the 2.4GHz receiver. If after 60 seconds no connection is made you can try these steps to connect:

1. Press and hold the **Fn + 4** key combination until the sidelight flashes green quickly.

2. Re-plug in the 2.4Ghz receiver or move it to another USB port on your device. We recommend using a USB 2.0 port for best results.

I can't connect using Bluetooth

If the sidelight is flashing and no connection can be made, please try these steps:

1. Check your Bluetooth settings to make sure Bluetooth is enabled on your device.

2. Check if JCPal Dash shows in your previous connections list. If it does, try removing it then turning Dash off and on and then attempt pairing again.

3. Press and hold the key combination **Fn + (1/2/3)** for the desired Bluetooth channel until the sidelight flashes very quickly to indicate the Dash is in pairing mode. Select JCPal Dash from the new connections list to initiate pairing.

How can I revert the Dash functions back to the default settings?

If you make any undesirable edits to the functions on your Dash and want to revert to the default settings, you can download the **VIA** key map for this at **JCPal.com/Dash-Guide**

Any questions not answered here?

We're happy to help! Email us at **support@jcpal.com**

Warranty

JCPal and its affiliated companies worldwide warrants this product against defects in manufacturing, material, or workmanship under normal use and service for the Warranty Period of One Year, subject to conditions contained in this limited warranty. JCPal does not warrant, and is not responsible for, any smartphone, laptop, data or other device made by anyone other than JCPal. For warranty support, please contact us at **support@jcpal.com**.

Firmware Controls

Underneath the caps lock key there are two buttons that can be pressed lightly with a paperclip when the keyboard is on. The top button (closest to the Tab key) will reset the Dash to its original settings, removing any customizations you've made to the functions. It's provided as a fallback and we recommend using **VIA** to manage the key functions instead. The lower button (closest to the Shift key) enables DFU/bootloader mode and can be used to update the firmware using the QMK Toolbox app (**qmk.fm/toolbox**). If your keyboard is functioning without issue we recommend you do not make any changes to the firmware.

Safety Precaution

Keep the keyboard, accessories and packaging out of reach of children to prevent accidents or choking hazards. Keep the keyboard and accessories dry to prevent any corrosion and do not expose to extreme temperatures below -10°C (5°F) or above 50°C (131°F) to preserve the lifespan of the keyboard.

FCC Notice: 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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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 or 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

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