



OfficePal KB70W



Manual

Safety Instructions

This device is intended as a keyboard for use on a PC in dry indoor areas. For your own safety, always follow the instructions below and make sure that the device is not damaged before use. In addition, only use compatible cables and authorized accessories. The manufacturer's guarantee will be void if the product or any installed hardware components are damaged due to improper use or non-compliance with these safety instructions. Should any problems occur with the product, contact our technical customer support at support@sharkoon.com.

CAUTION!

- **WARNING!** Choking hazard due to small parts. Danger of strangulation. Keep the device and its cabling away from children under the age of 6 years!
- **WARNING!** Risk of electric shock from electrical parts. Keep the device away from liquids!
- **WARNING!** Epileptic seizures caused by flashing lights. Only use the device in well-lit rooms or, if possible, deactivate the device's lighting! If in doubt, seek medical advice before use!
- **CAUTION!** Damage to joints due to poor body posture. Be aware of the correct ergonomic positioning of your chair and equipment and take regular breaks!
- **DANGER!** Explosion hazard from heat and mechanical impact. Only use the device in normal indoor areas and do not allow it to fall or be knocked or be subject to any other kind of force.
- **WARNING!** Explosion hazard if exposed to liquids or flammable gases. Do not store the device in environments with unusual air pressure or with temperatures above 45 °C.
- **PLEASE NOTE!** Damage to the battery due to deep discharge. Recharge the built-in battery at least occasionally.
- **PLEASE NOTE!** The power output of the charger should be at least 0.2 W, the minimum required by this wireless device. To achieve the maximum charging rate for this device, the output power of the charger should be at least 3.7 W.

Specifications

General:

■ Type:	Dual-Mode Keyboard
■ Switch Technology:	Hot-Swap
■ Gasket Mount:	✓
■ Number of Keys:	106 ISO
■ Keycap Material:	PBT
■ Keycap Legend:	Double Shot
■ Wireless Communication:	2.4 GHz
■ Max. Wireless Range:	10 m
■ Operating Temperature:	-10 to +45 °C
■ Illumination:	RGB
■ Adjustable Illumination:	✓
■ Lighting Effects:	✓
■ Max. Polling Rate:	1,000 Hz
■ Form Factor:	3-Block Layout
■ Capacity of Onboard Memory:	64 kB
■ Detachable Cable:	✓
■ Weight incl. Cable:	1,150 g
■ Weight without Cable:	1,100 g
■ Dimensions (L x W x H):	445 x 135 x 35 mm
■ Supported Operating Systems:	Windows

Key Properties:

■ N-Key Rollover Support:	✓
■ Arrow Keys Functions are Interchangeable with the WASD Section:	✓
■ Operating Force:	
OfficePal KB70W	41 ± 5 g
OfficePal KB70W Silent	45 ± 10 g
■ Switch Properties:	
OfficePal KB70W	Linear
OfficePal KB70W Silent	Linear
■ Distance to Actuation Point:	
OfficePal KB70W	2.0 ± 0.4 mm
OfficePal KB70W Silent	2.0 ± 0.5 mm
■ Operating Life Cycles of Keys:	Min. 50 Million Keystrokes

Battery Properties:

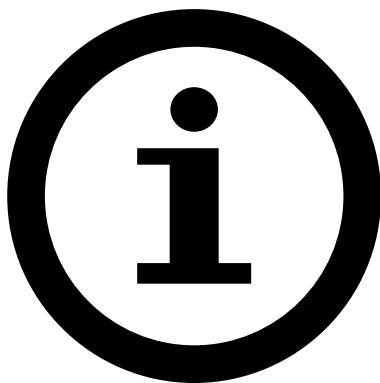
■ Type:	Lithium-Ion
■ Capacity:	6,000 mAh
■ Battery Life:	Max. 600 Hours
■ Recharge Options:	Wired (USB)

Cable and Connectors:

■ Connector:	USB-C to USB-A
■ Textile-Braided Cable:	✓
■ Gold-Plated USB Plug:	✓
■ Cable Length:	180 cm

Package Contents:

OfficePal KB70W, USB Nano Receiver, Keycap Puller Tool, Switch Puller Tool, USB Cable (180 cm)
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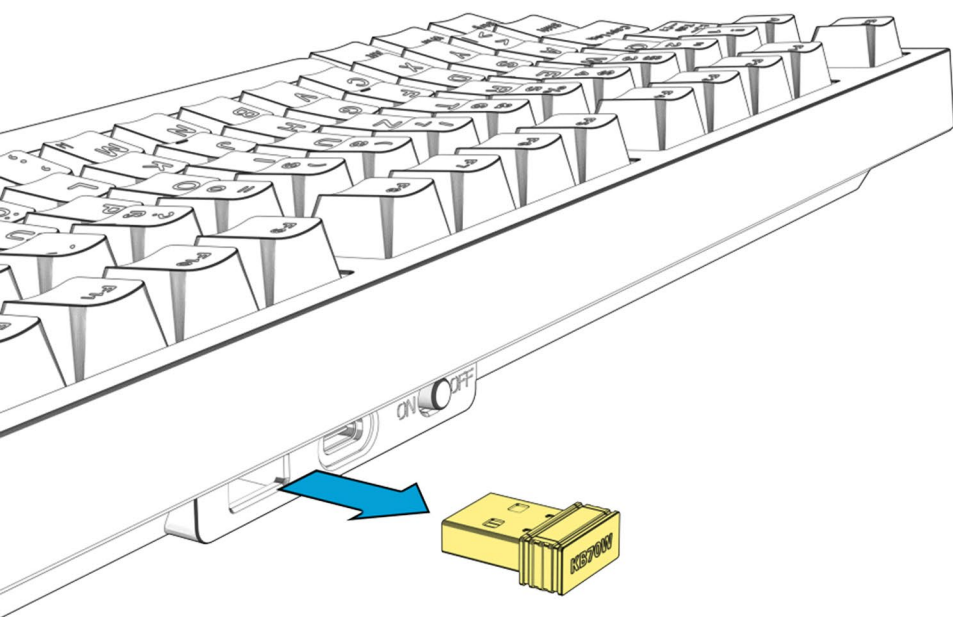
If VIA configuration is not possible through the website at <https://usevia.app/>, please then use the alternative website at <https://via.evove.top/>.

Setting Up Your Keyboard for Configuration in VIA

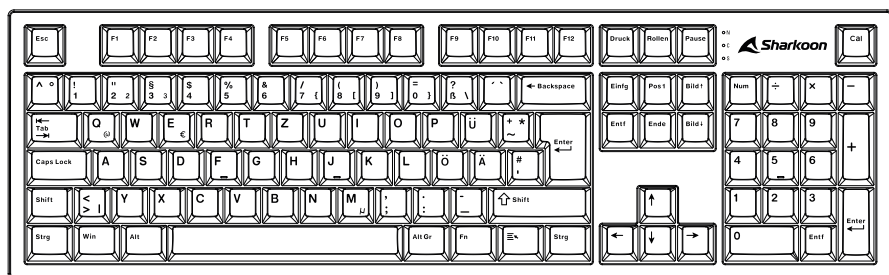
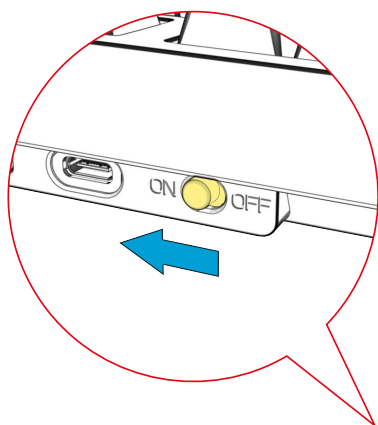
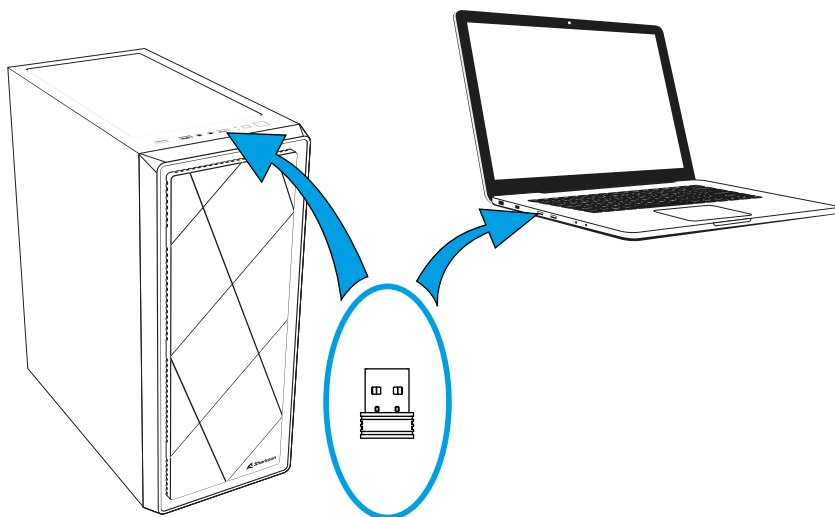
Proceed as follows to set up your keyboard for use with VIA:

1. First, download the JSON file from the product page on the Sharkoon website.
2. Open VIA in your browser and connect the keyboard to your computer using a USB cable.
3. Open the settings (gear icon) and enable the option "Show Design tab".
4. Switch to the newly visible "Design" tab.
5. Click on "Load Draft Definition" and select the downloaded JSON file.
6. Then switch to the "Configure" tab.
7. The keyboard will now be detected and can be configured. In certain browsers or system configurations, manual authorization may be required. If the keyboard is not detected automatically, VIA will prompt you to authorize the device. Confirm this prompt to enable keyboard configuration.
8. The keyboard is displayed in VIA using a standard layout. For configuration purposes, only the position of the respective physical key is relevant, regardless of the layout or language shown in VIA.

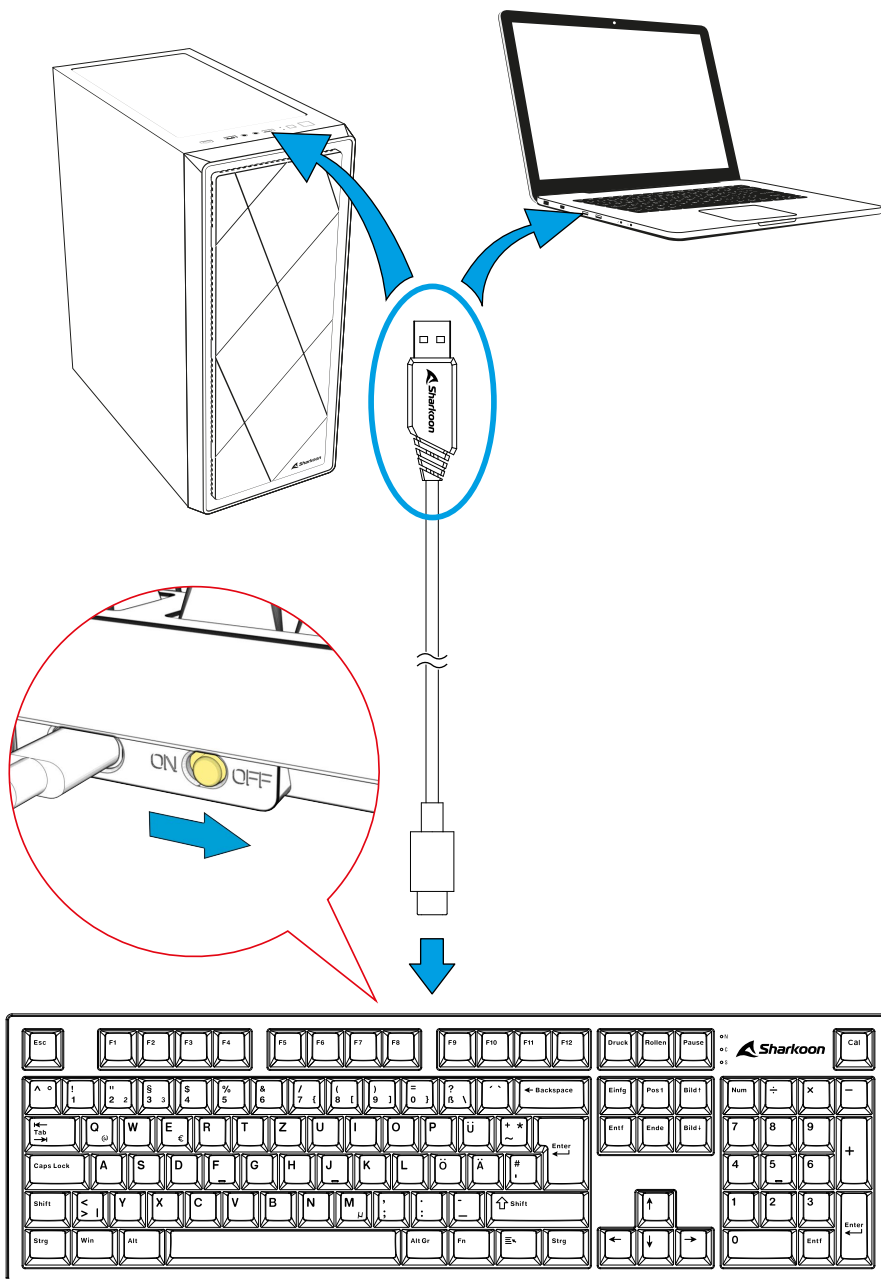
Remove USB Nano Receiver



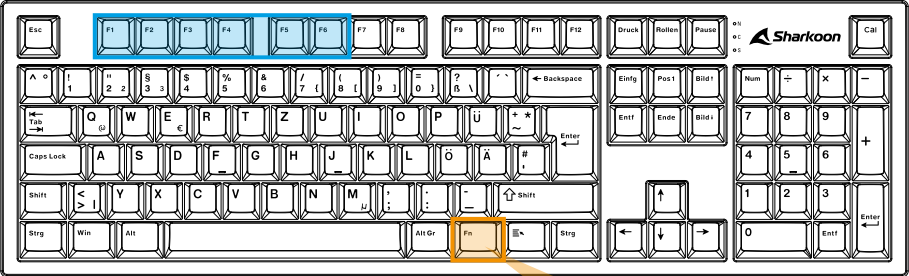
Connect via USB Nano Receiver



Connect via Cable and Charge Keyboard

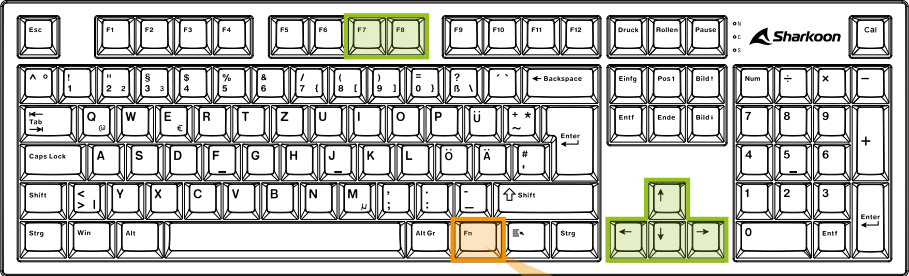


Multimedia Keys



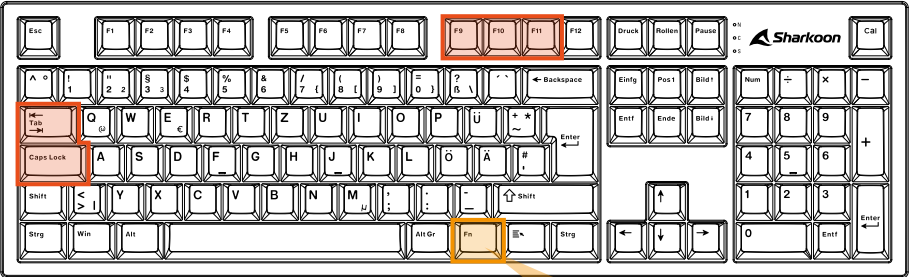
-  +  Play / Pause
-  +  Previous Track
-  +  Next Track
-  +  Mute
-  +  Volume Down
-  +  Volume Up

Lighting Effects



-  +  Frequency –
-  +  Frequency +
-  +  Brightness +
-  +  Brightness –
-  +  Permanent Lighting 1 - 7
-  +  Lighting Effect 1 - 44

Record Macros

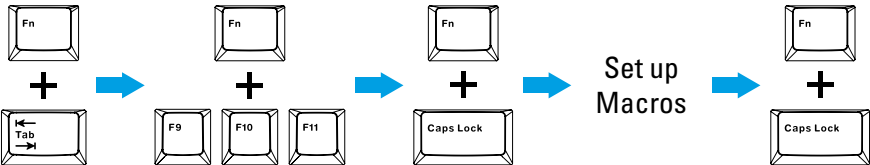


 +  Macro Key 1

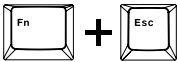
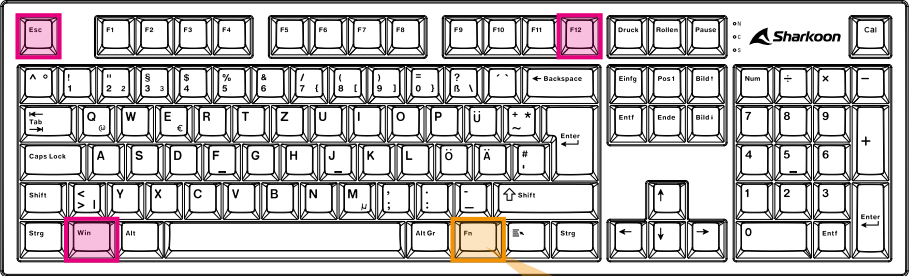
 +  Macro Key 2

 +  Macro Key 3

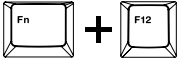
To set macros, first press and hold down the function key and then press the Tab key. Once you have done this, the three macro keys - F9, F10 and F11 - will start flashing. Press and hold down the function key and then press one of these three macro keys to select it for macro recording. The macro key you have selected will now start to flash, while the macro key that has not been selected stops flashing. In the next step, first press and hold down the function key and then press Caps Lock key. The macro key you selected will now start to light up continuously. You can now start entering your macro actions. When you have reached the maximum number of actions, the recording will automatically end. However, if you would like to end the recording, first press and hold down the function key and then press the Caps Lock key to end the recording.



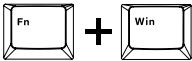
Additional Functions



Reset to
Factory Default



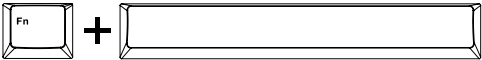
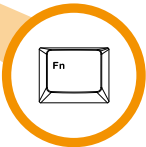
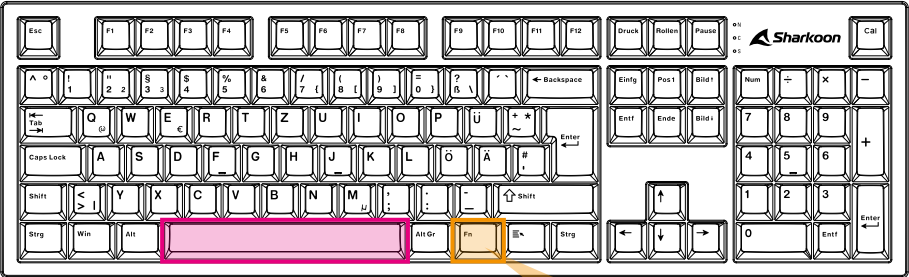
Swap Windows
and macOS Modes



Windows Key
Locked

Battery Status

During Wireless Mode



See Battery Status



Battery at 80 % – 100 %



Battery at 30 % – 80 %



Battery at 10 % – 30 %

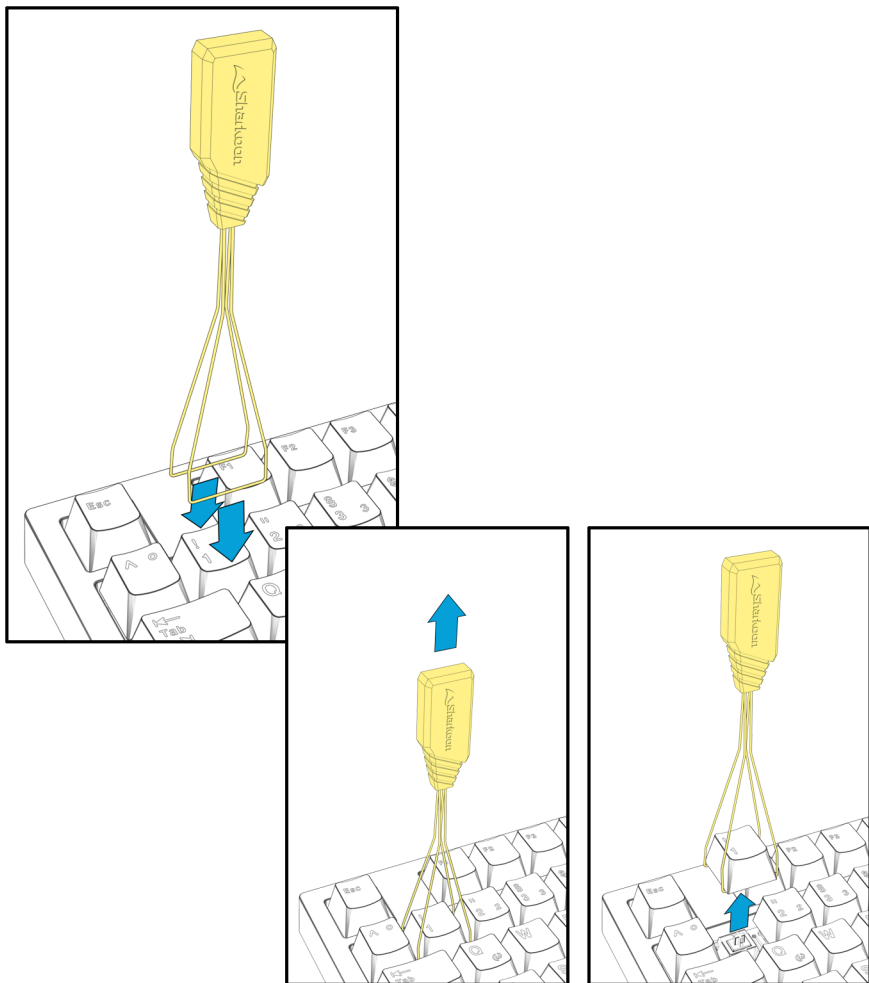


Battery < 10 %



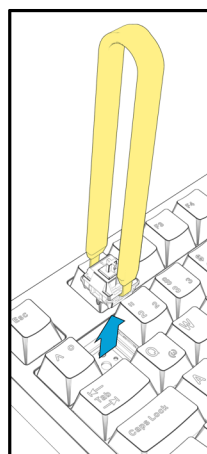
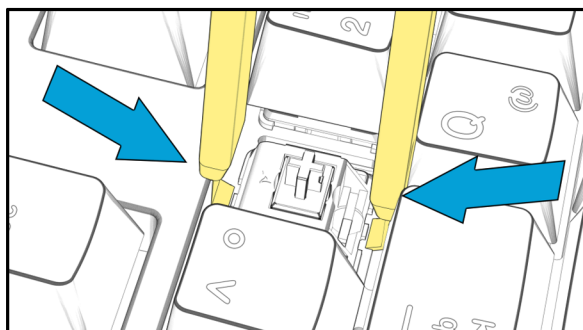
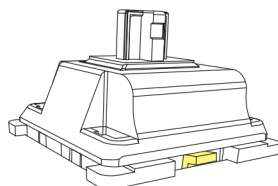
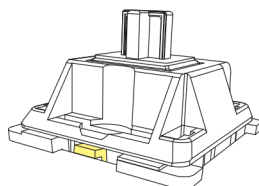
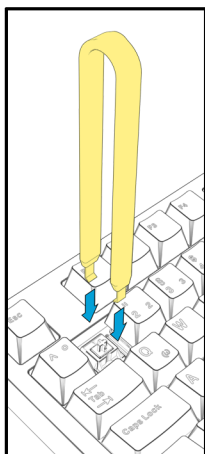
Charging

Remove Keycaps



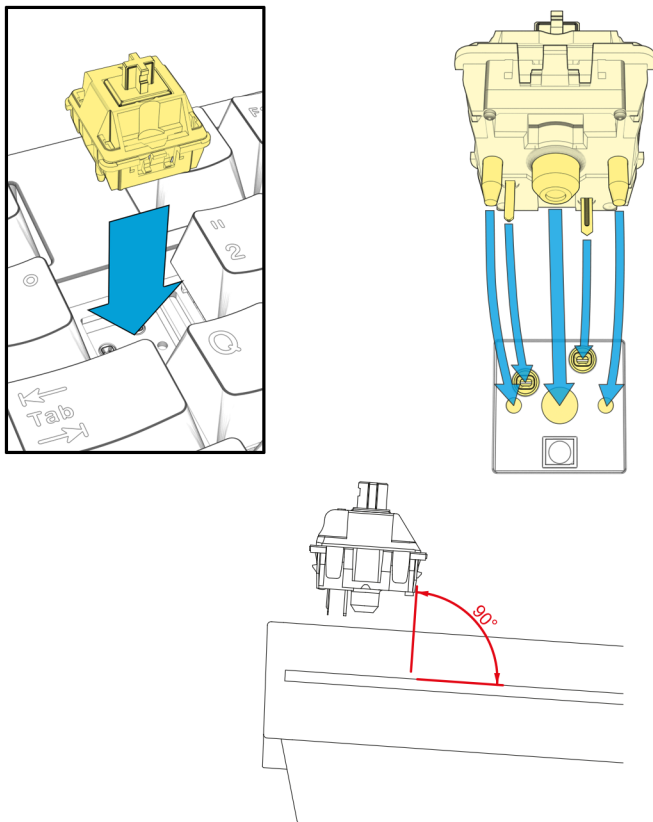
Before removing a switch, first remove the keycap. To do this, place the arms of the keycap puller tool either to the left and right or to the top and bottom of the keycap, and then pull the keycap upwards with careful but constant pressure. Whenever possible, avoid pulling the keycaps from the switch directly with your fingers, as this may damage the switch.

Remove Switches



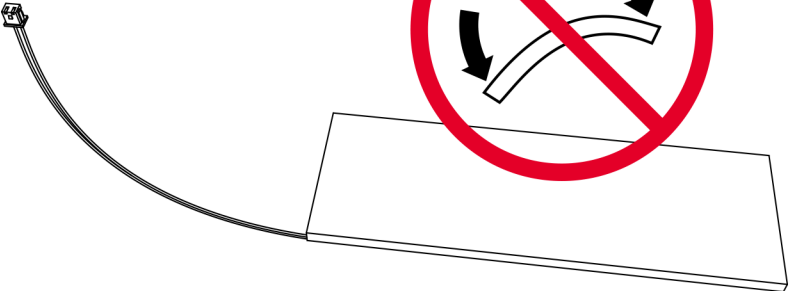
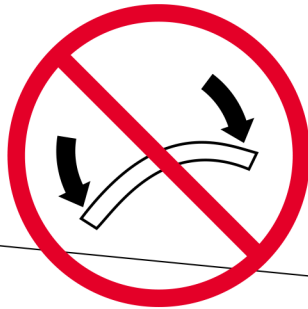
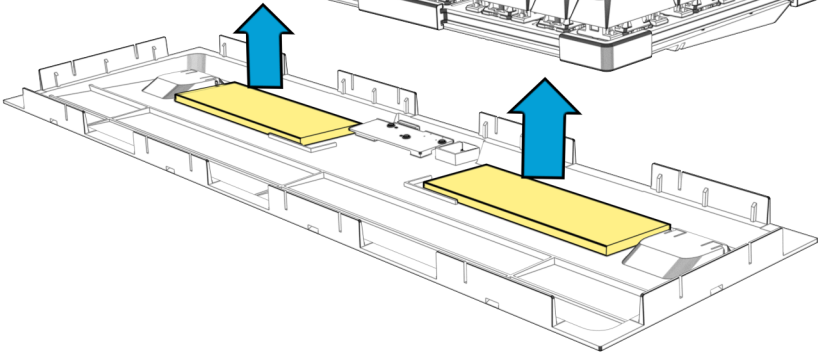
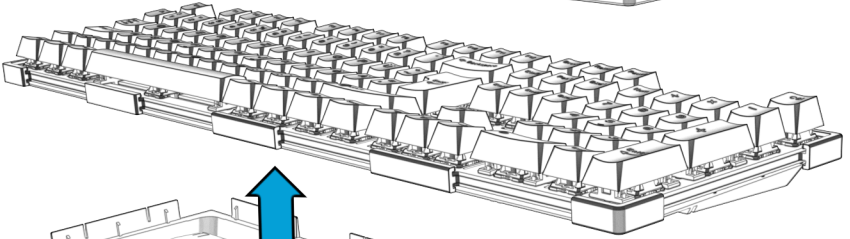
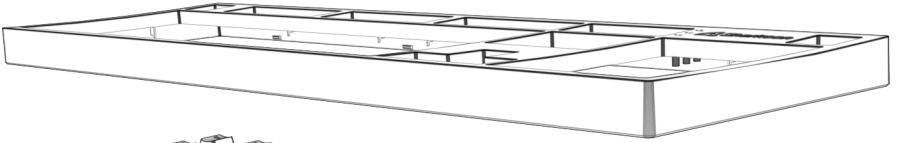
Once you have removed the keycap from the switch, position the switch puller tool correctly on the tabs of the switch. These are positioned to the front and the back of the switch. Before pulling out the switch, make sure that both tabs are securely pressed with the switch puller tool and that the switch can be removed from the socket without resistance. If necessary, remove the adjacent keycaps to allow the switch puller tool sufficient freedom of movement. Press both tabs of the switch with the switch puller tool and then slowly pull the switch out of the socket. Be sure to always pull vertically from the socket with a straight, upward direction. Avoid pulling in a slanted direction, as this can result in damage.

Install Switches



To install the switches, position the switch so that one tab is at the front and the other tab is at the back. Each pin on the underside of the switch should be pointing exactly to its relevant contact in the keyboard socket. Make sure that the switch is led vertically into the socket opening (at a 90-degree angle to the socket). Installing the switch incorrectly can lead to damage or malfunction of the switch. After you have placed the switch in its socket, push very gently on the switch to secure it in place. Make sure that you do not use too much force, as this can damage or destroy fragile components.

Recycle Battery



EU Declaration of Conformity

Sharkoon Technologies GmbH hereby declares that this device complies with the RoHS (2011/65/EU) and R.E.D (2014/53/EU) directives.

The full EU Declaration of Conformity is available on the website

https://www.sharkoon.com/Download/Gaming/Keyboards/OfficePal_KB70W/CE.zip

Frequency Range: 2.400 – 2.484 GHz

EIRP Transmit Power: ≤ 0 dBm

Legal Disclaimer

For potential loss of data, especially due to inappropriate handling, Sharkoon assumes no liability.

All named products and descriptions are trademarks and/or registered trademarks of the respective manufacturers and are accepted as protected. As a continuing policy of product improvement at Sharkoon, the design and specifications are subject to change without prior notice. National product specifications may vary.

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Disposal

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.



When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2012/19/EU.

Dispose of waste electrical and electronic equipment in accordance with the regulations in your country and do not dispose of your old electrical and electronic equipment with normal household waste. Rechargeable and single-use batteries must be disposed of separately from other waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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