



PureWriter W100



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:	Mechanical
■ Switches:	Huano Linear Silent
■ Number of Keys:	105 ISO
■ Keycap Material:	ABS
■ Keycap Profile:	Low-Profile
■ Keycap Legend:	Laser
■ Wireless Communication:	2.4 GHz
■ Max. Wireless Range:	15 m
■ Operating Temperature:	0 to +40 °C
■ Illumination:	RGB
■ Adjustable Illumination:	✓
■ Lighting Effects:	✓
■ Max. Polling Rate:	1,000 Hz
■ Form Factor:	3-Block Layout
■ Capacity of Onboard Memory:	32 kB
■ Detachable Cable:	✓
■ Weight incl. Cable:	662 g
■ Weight without Cable:	616 g
■ Dimensions (L x W x H):	430 x 122 x 27 mm
■ Supported Operating Systems:	Windows

Key Properties:

■ N-Key Rollover Support:	✓
■ Operating Force:	40 ± 10 g
■ Switch Properties:	Linear
■ Distance to Actuation Point:	1.4 ± 0.4 mm
■ Operating Life Cycles of Keys:	Min. 50 Million Keystrokes

Battery Properties:

■ Type:	Lithium-Ion
■ Capacity:	2,000 mAh
■ Battery Life:	Max. 160 Hours
■ Recharge Options:	Wired (USB)

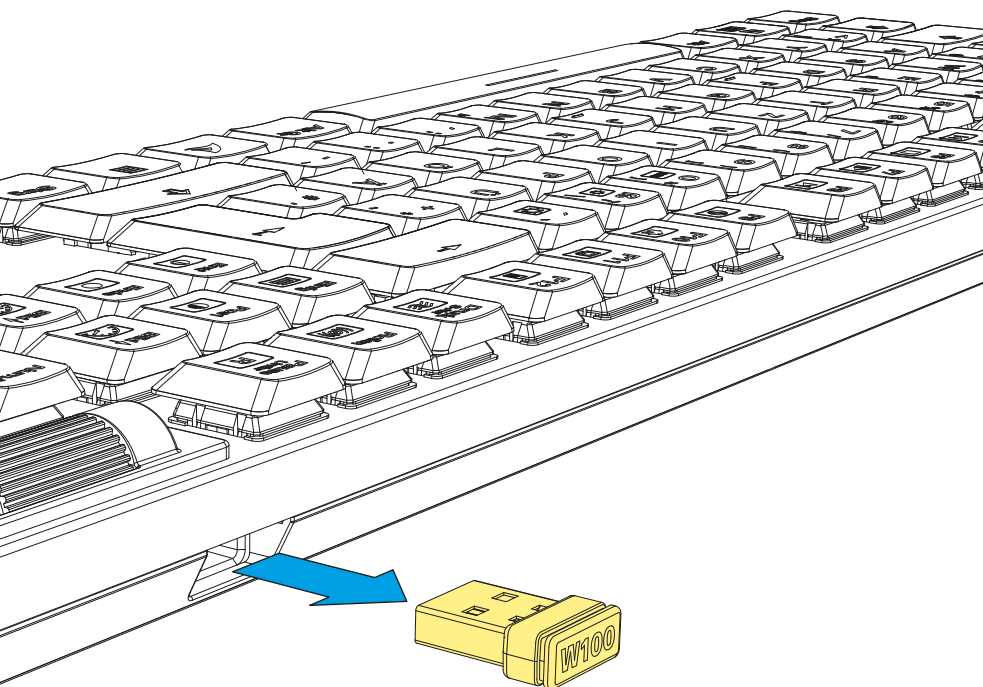
Cable and Connectors:

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

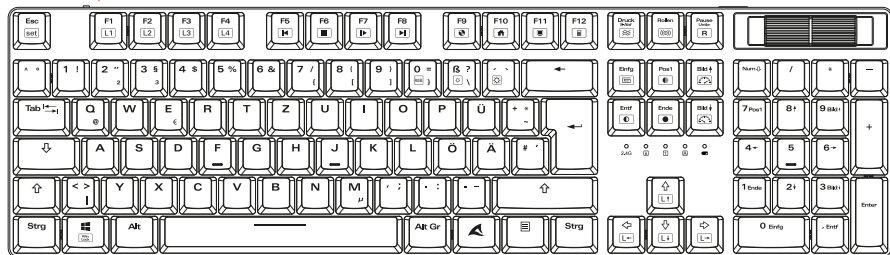
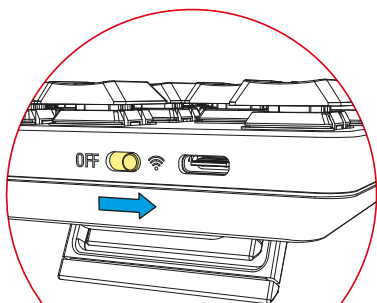
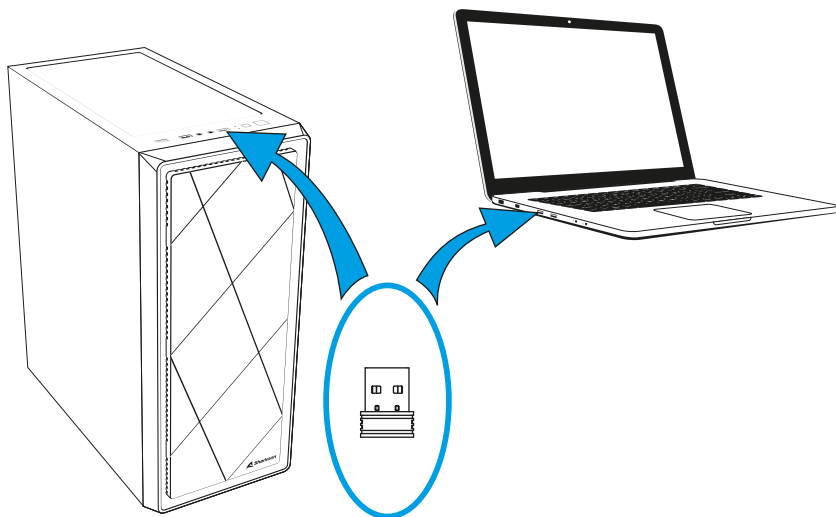
Package Contents:

PureWriter W100, USB Nano Receiver, USB Charging Cable (180 cm)

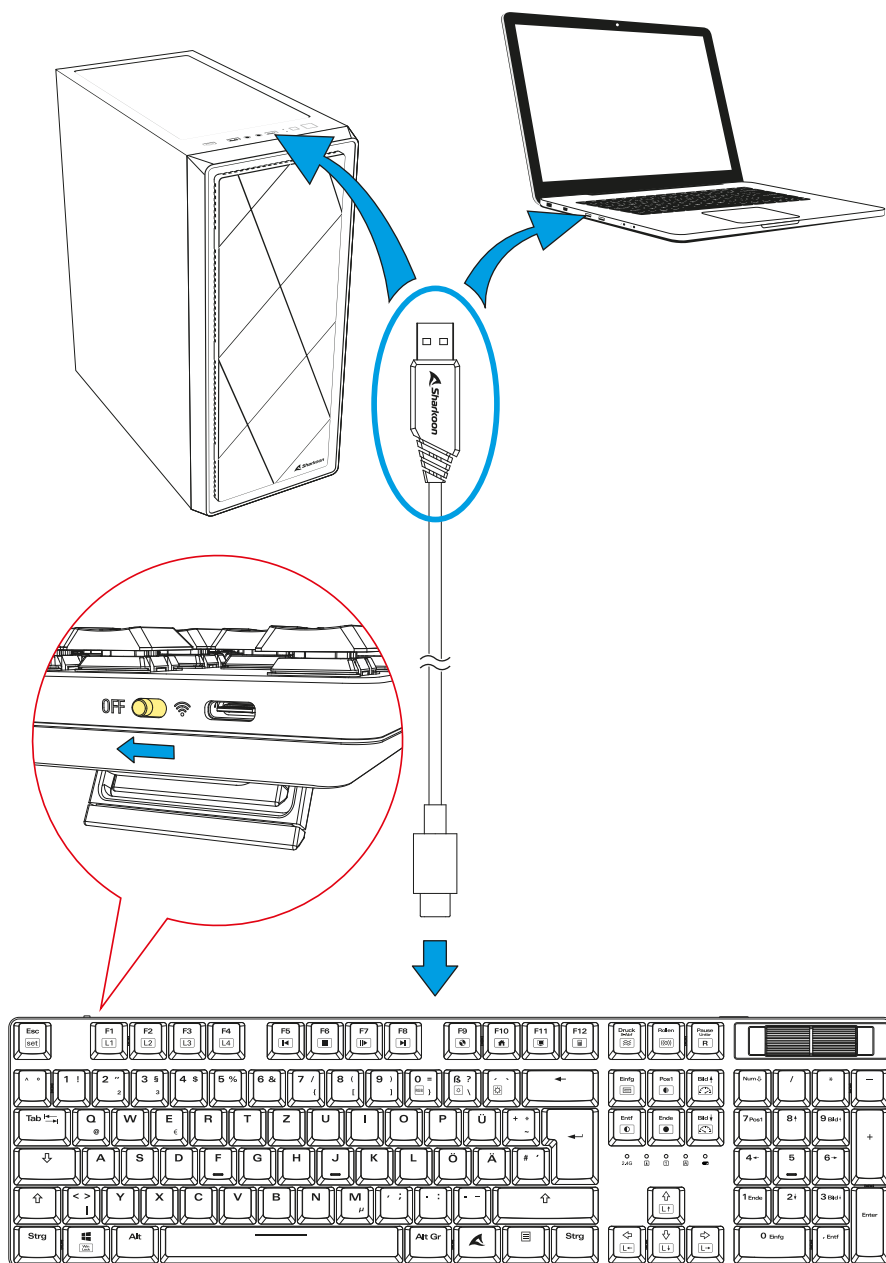
Remove USB Nano Receiver



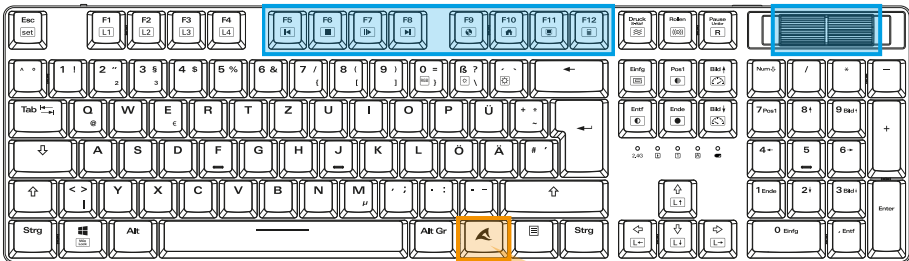
Connect via USB Nano Receiver



Connect via Cable and Charge Keyboard



Multimedia Keys



 +  Previous Track

 +  Stop

 +  Play / Pause

 +  Next Track

 +  Media Player

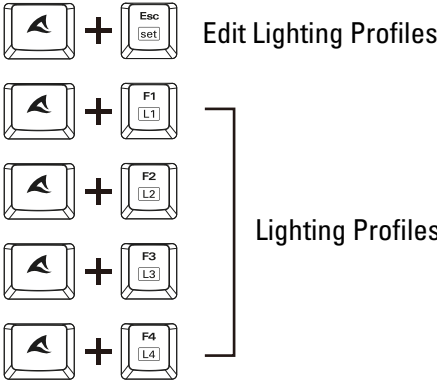
 +  Web Browser

 +  Windows Explorer

 +  Calculator

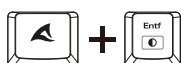
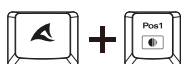
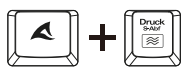
 Volume +/-

Lighting Profiles



To set up lighting profiles, press and hold the Fn key, and then press ESC. The lighting profile keys F1 to F4 will start blinking. Now select a profile by pressing the corresponding F-key; then press all the keys that should be permanently illuminated. Press a key several times to change its illumination color. To turn off the illumination on a particular key, cycle through all the colors until the lighting goes out. While pressing and holding the Fn key, press the ESC key to save the selected key illumination in the previously selected lighting profile key.

Lighting Effects



Lighting Effects



Color Change of Light Effects



Brightness +



Brightness –

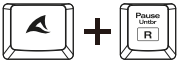


Effect Direction

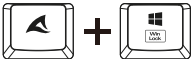
Frequency +

Frequency –

Additional Functions

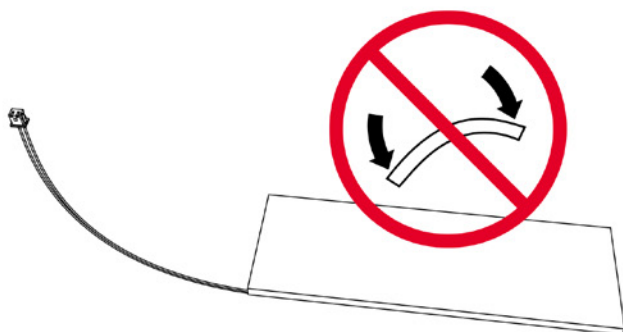
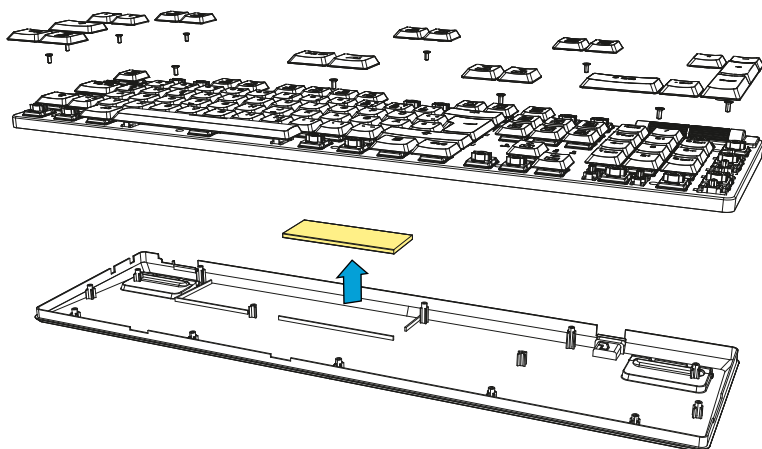


Reset to
Factory Default



Windows Key
Locked

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/PureWriter_W100/CE.zip

Frequency Range: 2.400 – 2.480 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.

All rights reserved especially (also in extracts) for translation, reprinting, reproduction by copying or other technical means. Infringements will lead to compensation. All rights reserved especially in case of assignment of patent or utility patent. Means of delivery and technical modifications reserved.

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.

Follow us on social media!



Facebook



Instagram



YouTube



TikTok



X

Sharkoon Technologies GmbH

Grüninger Weg 48

35415 Pohlheim

Germany

© **Sharkoon Technologies 2026**

