



# SGM30W

SKILLER

## Manual



# Safety Instructions

This device is intended as a mouse 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](mailto:support@sharkoon.com).

- **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 1.5 watts, 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 3.0 watts.

# Specifications

## General

|                                    |                    |
|------------------------------------|--------------------|
| ■ Type                             | Dual Mode          |
| ■ Wireless Communication           | 2.4 GHz            |
| ■ Max. Wireless Range              | 10 m               |
| ■ Frequency Range                  | 2.405 – 2.475 GHz  |
| ■ EIRP Transmit Power              | 0.81 dBm           |
| ■ Max. DPI/CPI                     | 6,000              |
| ■ Min. DPI/CPI                     | 600                |
| ■ Sensor                           | Optical            |
| ■ Chip                             | ATG4090            |
| ■ Onboard Memory for Game Profiles | ✓                  |
| ■ Capacity of Onboard Memory       | 512 kB             |
| ■ Illumination                     | RGB                |
| ■ Max. Polling Rate                | 1,000 Hz           |
| ■ Lift-Off Distance                | 1-2 mm             |
| ■ Frames Per Second                | 6,000              |
| ■ Inches Per Second                | 100                |
| ■ Max. Acceleration                | 20 g               |
| ■ Mouse Feet                       | 5, PTFE            |
| ■ Weight without Cable             | 104 g              |
| ■ Dimensions (L x W x H)           | 124.5 x 67 x 39 mm |
| ■ Supported Operating Systems      | Windows            |

## Button Properties

|                                    |                        |
|------------------------------------|------------------------|
| ■ Number of Buttons                | 7                      |
| ■ Programmable Buttons             | 7                      |
| ■ Main Button Switches             | Omron                  |
| ■ Operating Life Cycles of Buttons | Min. 10 Million Clicks |

## DPI Properties

|                 |                                         |
|-----------------|-----------------------------------------|
| ■ DPI Levels    | 600; 1,200; 2,400; 3,600; 4,800; 6,000* |
| ■ DPI Switch    | ✓                                       |
| ■ DPI Indicator | LED                                     |

## Battery Properties

|                    |                        |
|--------------------|------------------------|
| ■ Type             | Lithium-Ion            |
| ■ Capacity         | 930 mAh                |
| ■ Battery Life     | Max. 71 Hours          |
| ■ Recharge Options | Wireless / Wired (USB) |

## Software Properties

|                      |   |
|----------------------|---|
| ■ Gaming Software    | ✓ |
| ■ Number of Profiles | 6 |

## Cable and Connectors

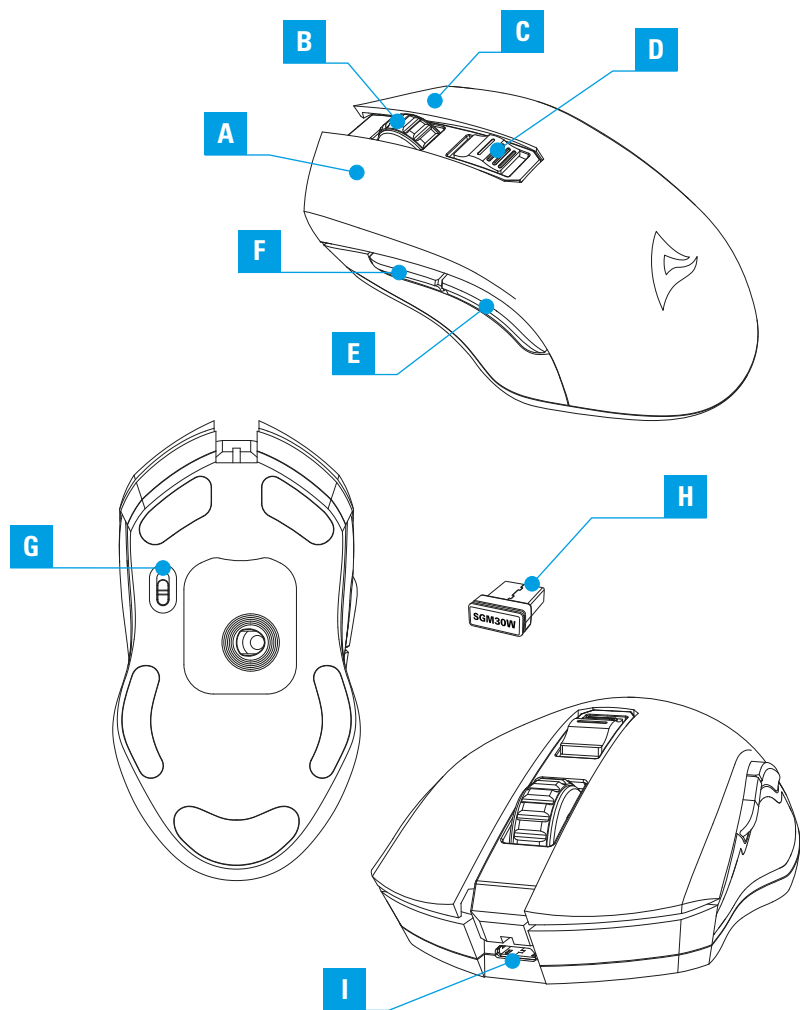
|                         |                |
|-------------------------|----------------|
| ■ Connector             | USB-C to USB-A |
| ■ Gold-Plated USB Plug  | ✓              |
| ■ Textile-Braided Cable | ✓              |
| ■ Cable Length          | 180 cm         |

## Package Contents

|                                                                                             |
|---------------------------------------------------------------------------------------------|
| ■ SKILLER SGM30W, Additional Set of Mouse Feet, USB Power and Data Cable, USB Nano Receiver |
|---------------------------------------------------------------------------------------------|

\*DPI levels can be individually customized through the software.

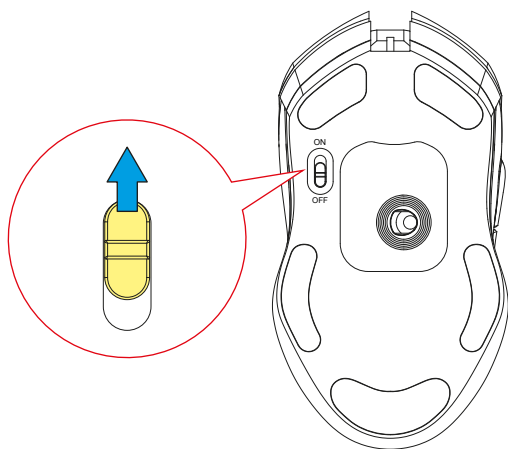
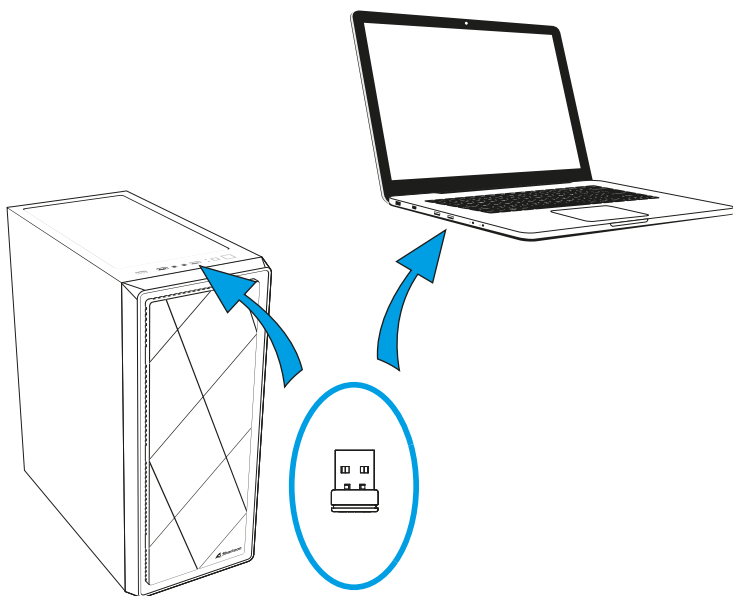
# Overview



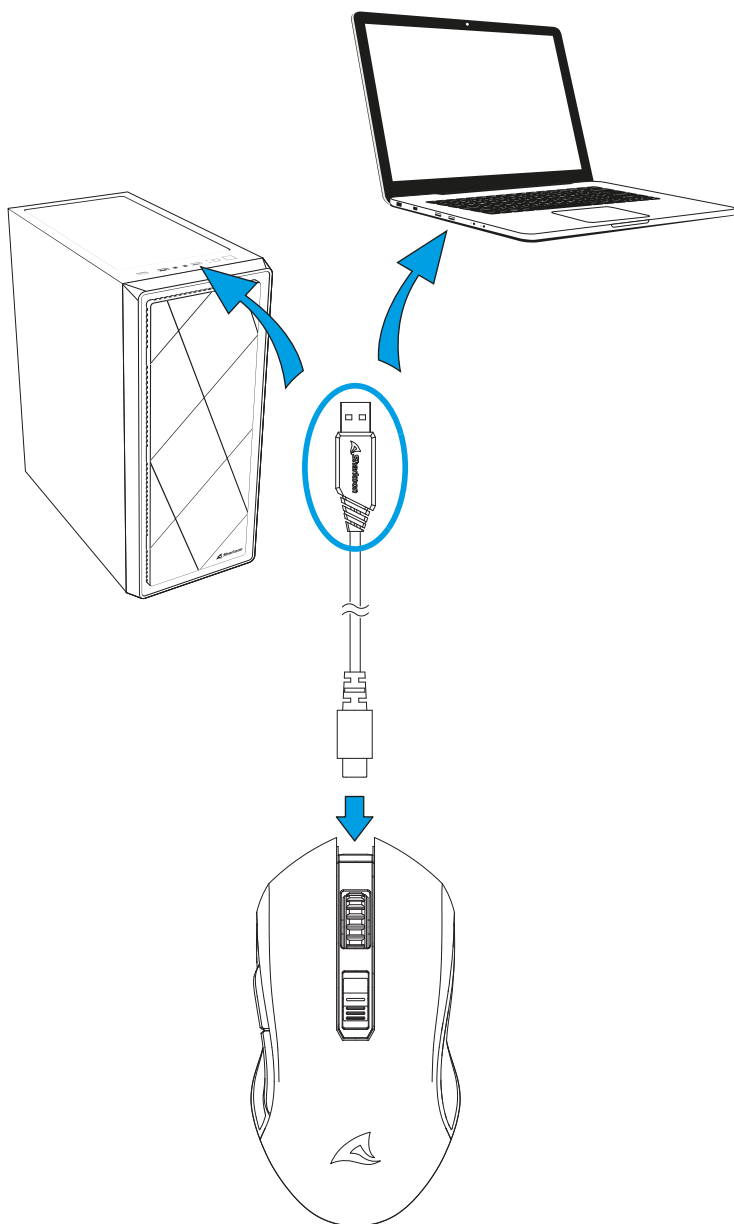
- A** Left Mouse Button
- B** Scroll Wheel
- C** Right Mouse Button
- D** DPI Switch
- E** Thumb Button 2
- F** Thumb Button 1

- G** On/Off Switch
- H** USB Nano Receiver
- I** USB Connector

# Connect via USB Nano Receiver



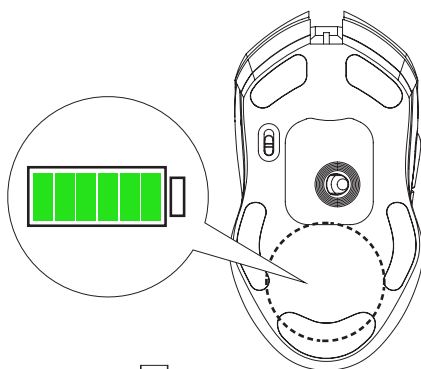
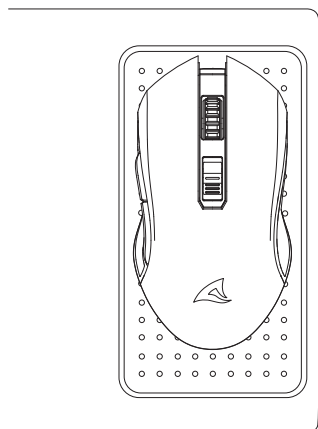
# Connect via Cable



# Charge the Mouse

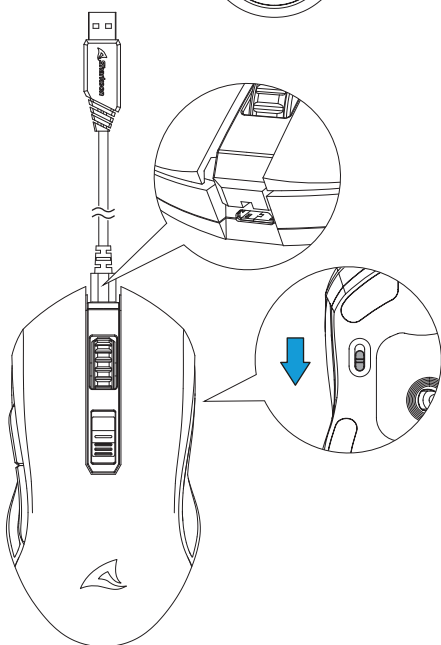
## Wireless Charging

The SKILLER SGM30W can be wirelessly charged. To do this, place the SKILLER SGM30W on the contact surface of a compatible wireless charging device. The contact area of the mouse is on the underside, in the middle of the lower three mouse feet. As soon as the SKILLER SGM30W begins the charging, the SKILLER logo on the top of the mouse will start to pulsate in red. When the battery is 90 % charged, the SKILLER logo will no longer pulsate and the illumination will change to green.



## Cable Charging

To charge the SGM30W with the included USB cable, connect this as shown in the section "Connecting to the PC". Make sure that the wireless operation is switched off by using the switch (H) on the underside of the mouse. As soon as the SKILLER SGM30W begins the charging, the SKILLER logo on the top of the mouse will start to pulsate in red. When the battery is 90 % charged, the SKILLER logo will no longer pulsate and the illumination will change to green. The mouse can also be used while being charged through the connected USB cable.



## 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 Sharkoon website at [www.sharkoon.com](http://www.sharkoon.com).

Frequency Range: 2.405 – 2.475 GHz

EIRP Transmit Power: 0.81 dBm

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## Disposal of your old products

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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