

### Manual



20 GAMING MOUSE

Markoon





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Dear Customer,

Congratulations and thank you for your purchase of this high-quality Sharkoon product. To ensure a long service life, and full functionality of the product, we recommend that you read this manual thoroughly.

We hope you enjoy your time with our product!

### **SHARKOON Technologies**

### 1. Features

- Revolutionary third mouse button
- Omron switch (left + right mouse button)
- Total of 9 programmable buttons
- Internal memory for user profiles
- Optical sensor
- Comfortable weight tuning system
- LED illuminated
- Rubber surface for maximum hold
- Textile sheathed cable
- Gold plated USB plug
- Configurations software



### 2. Specifications

Marri DDI/CDI	2000
Max. DPI/CPI	3200
Max. acceleration	30 G
Weight, max.	100 g (without cable)
Dimensions (L x W x H)	106 x 74 x 39 mm
Sensor	Optical
Connector	USB 2.0 (gold plated)
Cable length	180 cm (textile sheathed)
Max. FPS	3600
Max. IPS	68
Buttons	9
DPI display	LEDs
PTFE mouse feet	2
Illumination	Yes, through software configurator
Chip	3305DK
Lift-off sensitivity	3 mm
Weight tuning system	Yes (5x 4 g)

### 3. Packaging contents

- Shark Zone M20
- CD with software and PDF manual

### Note:

Should any of the above items be missing, please contact us immediately by E-mail or our customer service:

support@sharkoon.com (Germany and Europe)

support@sharkoon.com.tw (international)





### 4. The mouse at a glance – buttons and factory functions



- (A) Left mouse button (freely programmable)
- (B) 2-way scroll wheel and middle mouse button (freely programmable)
- (C) Right mouse button (freely programmable)
- (D) Additional third mouse button / multifunction click
- (E) Weight tuning system







- (F) DPI selection button
- (G) Thumb button 1 / Forwards
- (H) Thumb button 2 / Backwards
- (I) Thumb button 3 / Increase volume
- (J) Thumb button 4 / Decrease volume
- (K) Connection cable

PS: The button functions are preset at the factory and can be adjusted within the software.





### 5. Connecting to the PC

- 1. Plug the mouse's USB connector into an available USB port on your PC.
- 2. The operating system will automatically recognize the mouse and install all needed drivers.
- 3. If the mouse is not recognized, disconnect it and try a different USB port on your PC.

### 6. Installing the software

- 1. Connect the mouse to an available USB port on the PC.
- 2. Insert the software CD.
- 3. Start the "setup.exe" and run the automatic installation.
- 4. Follow the instructions of the software.
- 5. Once the installation is complete, confirm by clicking "Finish" and perform a restart of the PC.
- 6. Launch the software via the icon in the task bar and/or list of installed programs in the Windows Start menu.

**Icon Logo** 





### 7. The editor

### 7.1 Starting the editor

Start the application via its Windows start menu entry or its symbol in the task bar.

### 7.2 "Master Control" window



### (A) Selection menu for button assignment

The buttons are freely programmable. Select the desired configuration of the button functions by left-clicking on the option menu for the respective button field. Various assignments are then available for selection. To continue, click "Apply" and then "Ok".

### (B) Installation of the Polling Rate

In this section you can set the polling rate, available settings for selection are 125/500/1000 Hertz.

### (C) Profile

In this section you can assign up to five different configurations for each profile.

### (D) DPI setting

Here you can set the DPI rate.



### 7.3 Additional commands



(A) Here you have the option between Swap Windows, My Computer, Close Window, Show Desktop or select Run.

### 7.4 Basic commands



(A) Select the desired function from the available specifications: New, Cut, Copy, Paste, Save, Print, Find, Redo, Undo or Select All.



### 7.5 Media functions



(A) Select the desired function from the available specifications: Media Payer, Pre Track, Next Track, Stop, Play/Pause, Mute, Volume Up, Volume Down.



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### 7.6 Macros programming



(A) The last selection in the drop-down menu for the buttons is Macro Programing. Here you can create new macro functions programs or delete them. To create a new macro, a name for the new macro function must first be entered. Confirm the name and press "Start recording". Enter the desired commands or shortcuts on your keyboard. Stop recording with "Stop recording". Other functions, such as input delay as well as subsequent edits to the programming are available on the right side of the Macro Manager.





### 7.7 Fine tuning



- (A) Here DPI settings of the mouse can be adjusted. Options are 400/800/1600/3200 DPI.
- (B) Polling rate options are 125Hz/500Hz/1000Hz.





### 7.8 Advanced settings



(A) In this field, the double-click, scroll speed, X-Y Master Sensitivity, Win Pointer Speed and Sensitivity can be adjusted.





### 7.9 Illumination settings



(A) Here the lighting of the mouse wheel can be turned on or off. Also, the speed of the pulsating lights (off, slow, medium, fast) can be adjusted and customized.





### 7.9.1 Multi-click



(A) When the function is selected, you can specify the number of clicks as well as the delay time in milliseconds.





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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 2002/96/EC.

Please be informed about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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