DARMOSHARK
GN1 GAMING MOUSE
QUICK START GUIDE

Darmoshark

中文	English	Español
尺寸:128X66X40MM	Size: 128X66X40MM	Tamaño: 128X66X40MM
重量:79g	Weight: 79g	Peso: 79g
寿命:20,000,000times(次)	Lifetime: 20,000,000times	Vida útil: 20,000,000 veces (veces)
加速度:40G	Acceleration: 40g	Aceleración: 40g
DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400

Türk dili	Português	Українська
Boyut: 128X66X40MM	Tamanho: 128X66X40MM	Розмір: 128X66X40MM
Ağırlık: 79g	Peso: 79g	Вага: 79г
Ömür boyu: 20,000,000 kez	Tempo de vida: 20.000.000 vezes	Термін служби: 20 000 000 разів
Hızlandırma: 40g	Hızlandırma: 40g	Пришвидшення: 40g
DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400

Ελληνικά	Deutsch	Polski
Μέγεθος; 128X66X40MM	Größe: 128X66X40MM	Rozmiar: 128X66X40MM
Βάρος; 79g	Gewicht 79 g	Ciężar: 79g
Διάρκεια ζωής; 20.000.000 φορές	Lebensdauer: 20.000.000 mal	Żywotność: 20 000 000 razy
Επιτάχυνση; 40g	Beschleunigung: 40g	Przyspieszenie: 40g
DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400	DPI：400/800/1600/3200/4800/6400

1. Left button	1.左键
2. Right button	2.右键
3. Wheel key	3.滚轮键
4. Forward button	4.前进键
5. Back button	5.后退键
6.DPI button	6.DPI键
7. Power switch	7.电源开关
8. Rate of return indicator	8.回报率指示灯
9. Light switch button	9.灯开关键
10. Return rate button	10.回报率键

SYSTEM REQUIREMENTS:

Windows XP/WIN7/WIN8/ WIN10

系统要求

Windows XP/WIN7/WIN8/ WIN10

电气参数

最高分辨率：16000dpi
SPI采样时间：8ms/2ms默认/1ms
回报率：125HZ/500HZ默认/1000HZ
图像处理：12000FPS
最大速度：400IPS
无线传输距离：办公室环境实测距离约 10 米
锂电池容量：700MA大约使用70小时
有线工作电压：DC 5V±5%，工作电流：≤100mA
无线工作电压：DC 3.7V，工作电流：最大20mA

概要说明

鼠标发射及接收 MCU 均源自台湾的高性能 2.4G Flash 单片机，高达 64K 存储容量，支持 USB2.0 (全速 12Mbps)传输模式，响应速度快。工作环境温度广，可在复杂外部条件下保持正常工作，是游戏、发光鼠标的最佳性价比选择。

组合键对码方式：

鼠标上电后，同时按（左+中+右）键 3 秒，进入对码状态（黄色灯慢闪）后，插入接收器，鼠标靠近接收器30CM以内配对，对码成功后，对码指示灯熄灭。
注意：如果 10 秒内对码不成功，则鼠标自动退出对码状态，指示灯熄灭，需将接收器拔出，可重新对码。

充电/对码/低压/DPI 指示灯：

充电时，滚轮位置红灯常亮，充满熄灭
当鼠标处于低电时，滚轮位置红灯闪烁，提示要充电
对码时，滚轮位置黄色灯闪烁
DPI 灯指示：无线以当前 DPI 颜色呼吸指示。有线以充电指示优先原则，切换 DPI 亮灯 3 秒后进入充电指示

省电/休眠/唤醒:

鼠标放停 1 分钟，自动关闭所有灯
无线模式鼠标休眠：鼠标放停进入一级休眠，sensorLED 亮度随之降低。无动作 1 分钟后，进入二级休眠。无动作 5 分钟后，进入三段休眠低功耗模式。

当接收器离开PC端时：按键唤醒鼠标后，1 秒以内立即进入二级休眠。1 分钟后再进入第三级休眠。首次开机及无线模式下重新上电时，所有灯光亮 2S 后，Mouse 直接进入二级休眠。在此状态下，用户长按左中右三键 3 秒，可直接进入对码状态，10 秒内插入 dongle, 可以进行对码。
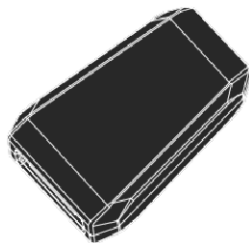
唤醒方式，一、二级休眠支持移动唤醒，三级休眠仅支持按键唤醒。
插入 USB数据线后自动转换为有线，鼠标仅进入一级休眠，sensorLED 亮度随之降低。

转接器使用说明：

当玩家在竞技类游戏时，需将Nano接收器插入到专用信号转接器，再通过数据线连接至电脑USB端口，鼠标靠近转接器30CM操控，可避免延迟

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工作条件:

1.温度：−10℃—50℃
2.湿度：不高于85%RH

ELECTRICAL PARAMETERS

The highest resolution: 16000dpi
SPI sampling time: 8ms/2ms default/1ms
Return rate: 125HZ/500HZ default/1000HZ
Image processing: 12000FPS
Maximum speed: 400 IPS
Wireless transmission distance: The measured distance in the office environment is about 10 meters
Lithium battery capacity: 700MA about 70 hours of use, 300MA about 30 hours
Wired working voltage: DC 5V±5%, working current: ≤100mA
Wireless working voltage: DC 3.7V, working current: 20mA maximum

The mouse transmitter and receiver MCUs are all derived from Taiwan's high-performance 2.4G Flash MCU, with up to 64K storage capacity, support USB2.0 (full speed 12Mbps) transmission mode, and fast response speed. The working environment has a wide temperature and can maintain normal work under complex external conditions. It is the best cost-effective choice for gaming and glowing mice.

Combination key pairing method:
After the mouse is powered on, press the (Left+Middle+Right) keys at the same time for 3 seconds to enter the code matching state (yellow light flashes slowly), insert the receiver, and the mouse is close to the receiver within 30CM to pair. After the code is successfully matched, the code indicates The light goes out.
Note: If the code matching is not successful within 10 seconds, the mouse will automatically exit the code matching state, the indicator light will go out, the receiver needs to be pulled out and the code can be re-coded.

Charging/code matching/low voltage/DPI indicator:
When charging, the red light at the wheel position is always on, and it is turned off when it is full
When the mouse is in low power, the red light on the wheel position flashes, prompting to charge
During code matching, the yellow light on the wheel position flashes
DPI indicator: wireless breathing indicator with current DPI color. Wired is based on the principle of charging indication priority, switch to DPI and enter the charging indication after about 3 seconds

Power saving/sleep/wake up:
Stop the mouse for 1 minute, all lights will be turned off automatically
Wireless mode mouse sleep: the mouse enters first level sleep when the mouse is stopped, the sensorLED brightness will decrease accordingly. After 1 minute of inactivity, it enters second level sleep. After 5 minutes of inactivity, it enters a three-stage sleep low power consumption mode.

When the receiver leaves the PC: After pressing the key to wake up the mouse, it will immediately enter the secondary sleep within 1 second. Enter the third level of sleep after 1 minute. When it is turned on for the first time and re-powered in wireless mode, after all the lights are on for 2 seconds, the Mouse directly enters the secondary sleep. In this state, the user long presses the left, middle and right keys for 3 seconds to directly enter the code matching state, and insert the dongle within 10 seconds to perform code matching.
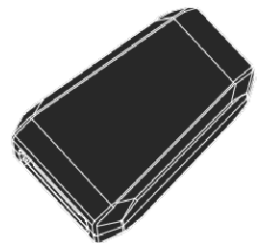
Wake-up mode, first and second-level sleep supports mobile wake-up, and third-level sleep only supports button wake-up
After plugging in the USB data cable, it will automatically switch to wired, the mouse only enters the first level of sleep, and the sensorLED brightness will decrease accordingly.

Instructions for the adapter:
When players are playing competitive games, they need to insert the Nano receiver into the dedicated signal adapter, and then connect to the computer USB port through the data cable. The mouse is controlled by 30CM near the adapter to avoid delay

ADAPTER INSTRUCTIONS

When playing competitive games, players need to plug the Nano receiver into the special signal adapter, then connect it to the USB port of the computer through the data line, and operate the mouse close to the adapter for 30CM to avoid delay

WORKING CONDITIONS:

1. Temperature: -10℃—50℃
2. Humidity: not higher than 85%RH