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## T-WOLF G520

# T-WOLF G520 Wired Gaming Mouse User Manual

Model: G520

## 1. INTRODUCTION

The T-WOLF G520 is a high-performance wired gaming mouse designed for precision and comfort. It features a USB2.0 wired connection, 7 customizable buttons, and dynamic RGB lighting. This manual provides essential information for setting up, operating, and maintaining your G520 gaming mouse.



Figure 1: T-WOLF G520 Gaming Mouse (Front and Side View)

## 2. PRODUCT FEATURES

- **Connection:** Wired USB2.0 for stable and responsive performance.
- **Sensor Type:** Optical sensor for accurate tracking.
- **DPI Settings:** Adjustable DPI from 800 to 12800 (800 / 1600 / 3200 / 4800 / 6400 / 12800).
- **Polling Rate:** 1000Hz for rapid response times.
- **Buttons:** 7 programmable buttons (Left, Right, Middle, Forward, Back, DPI+, DPI-).
- **RGB Lighting:** 13 dynamic RGB lighting modes.
- **Durability:** 10 million click lifespan for micro switches.
- **Cable:** 1.5m braided cable for enhanced durability and tangle resistance.
- **Design:** Lightweight honeycomb structure and ergonomic shape for comfortable grip and ventilation.
- **Customization:** Magnetic interchangeable back cover.

**約1,000万回のクリック耐久**

高耐久マイクロスイッチ採用。  
微小なガタつきを抑え、均一なクリック荷重。  
ミリ秒レベルで正確に反応します。



高精度エンコーダーでブレ低減／均一なクリック感／ミリ秒レスポンス。

Figure 2: Key Features Overview

### 3. PACKAGE CONTENTS

- T-WOLF G520 Gaming Mouse Unit
- Interchangeable Magnetic Back Covers (2 types)

# G520 RGB 有線ゲーミングマウス

## マグネット式の交換可能バックカバー

RGBライティング | INST825IC+D26MUC | DPI 6段階調整



Figure 3: G520 Mouse with Interchangeable Back Covers

## 4. SETUP INSTRUCTIONS

1. Connect the USB connector of the T-WOLF G520 gaming mouse to an available USB 2.0 port on your computer.
2. The mouse is Plug & Play compatible and does not require additional drivers for basic functionality. Your operating system will automatically detect and install the necessary drivers.
3. Once detected, the mouse will be ready for use.

## 5. OPERATING INSTRUCTIONS

### 5.1 Button Functions

The T-WOLF G520 mouse features 7 buttons with the following default functions:

- **Left Button:** Primary click function.
- **Right Button:** Secondary click function (context menu).
- **Middle Button / Scroll Wheel:** Scroll up/down, click for universal scroll or other functions.
- **Forward Button:** Navigates forward in web browsers or file explorers.

- **Back Button:** Navigates backward in web browsers or file explorers.
- **DPI+ Button:** Increases DPI sensitivity.
- **DPI- Button:** Decreases DPI sensitivity.



Figure 4: G520 Button Layout

## 5.2 DPI Adjustment

The mouse supports 6 adjustable DPI levels. To change the DPI, press the **DPI+** or **DPI-** buttons located on the top of the mouse. Each press will cycle through the available DPI settings: 800, 1600, 3200, 4800, 6400, and 12800.



Figure 5: DPI Adjustment Levels

### 5.3 RGB Lighting Control

The T-WOLF G520 features 13 RGB lighting modes. To change the RGB lighting mode, press and hold the **Back Button** and the **DPI- Button** simultaneously for approximately 3 seconds. Repeat this action to cycle through the different lighting effects.

### 5.4 Magnetic Back Cover

The mouse comes with two types of magnetic back covers that can be easily interchanged. To remove a cover, gently lift it from the back of the mouse. To attach a cover, align it with the mouse body and allow the magnets to secure it in place.

# 強力マグネット着脱／2タイプ付属

背面カバーはマグネットでワンタッチ交換。  
手に沿う形状で抜群のフィット感。  
カバーなしなら驚きの軽さでコントロール自在。



Figure 6: Magnetic Back Cover Exchange

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the mouse. For stubborn dirt, a slightly damp cloth can be used, ensuring no liquid enters the mouse.
- **Avoid Liquids:** Do not immerse the mouse in water or expose it to excessive moisture.
- **Storage:** Store the mouse in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cable Care:** Avoid bending or twisting the braided cable excessively to prevent damage.

## 7. TROUBLESHOOTING

- **Mouse Not Responding:**
  - Ensure the USB cable is securely connected to your computer's USB port.
  - Try connecting the mouse to a different USB port.
  - Restart your computer.
- **DPI Not Changing:**

- Ensure you are pressing the correct DPI+ or DPI- buttons.
- The mouse cycles through 6 fixed DPI levels; there is no software adjustment.

- **RGB Lighting Not Working/Changing:**

- Ensure the mouse is properly connected.
- Press and hold the **Back Button** and **DPI- Button** simultaneously for 3 seconds to cycle through modes.

- **Tracking Issues:**

- Clean the optical sensor on the underside of the mouse.
- Use the mouse on a clean, uniform surface or a mouse pad.

## 8. SPECIFICATIONS

Feature	Specification
Model	G520
Connection Type	Wired USB2.0
Sensor Type	Optical
DPI Settings	800 / 1600 / 3200 / 4800 / 6400 / 12800
Polling Rate	1000Hz
Number of Buttons	7
Cable Length	1.5m (Braided)
Dimensions (L×W×H)	124 × 65 × 40 mm
Weight	Approx. 132g
Operating Voltage/Current	5V / 150mA
Lighting	RGB (13 Modes)
Material	Plastic (ABS)
Compatible OS	Windows 10, Windows 11, Mac OS, Linux (OS standard, no driver required)

# G520

「On top of performance, it feels more comfortable in the hand」

RGB×6段階DPI×7ボタン。快適さと操作性を両立。



**RGBライティング**  
多彩なエフェクト/オン・オフ切替



**マグネット式バックカバー**  
交換可能デザイン



**クリック耐久**  
1,000万回のマイクロスイッチ



**DPI 6段階**  
800/1600/2400/  
4800/6400/12800



**USB接続**  
1.5m 編組ケーブル



**高性能IC**  
INST825+D26MUC



**エルゴノミクス形状**  
快適な握りと高い操作性



**ノンスリップホイール**  
はっきりした刻みで確かな操作感



**ハニカム中空構造**  
軽量・通気性に優れ快適

Figure 7: Product Specifications Diagram

## 9. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. Please refer to your purchase documentation for specific warranty terms and conditions. For technical support or warranty claims, please contact the retailer or the manufacturer's customer service.

## Related Documents - G520

	<p><a href="#">T-WOLF Q13 Wireless Gaming Mouse User Manual</a></p> <p>User manual for the T-WOLF Q13 Wireless Gaming Mouse, detailing its features, specifications, and FCC compliance information.</p>
	<p><a href="#">T-WOLF T70 Tri-Mode Mechanical Keyboard User Manual and Specifications</a></p> <p>Detailed specifications, features, and operating instructions for the T-WOLF T70 Tri-Mode Mechanical Keyboard, supporting Bluetooth, 2.4G wireless, and Type-C wired connections.</p>
	<p><a href="#">Global Tag User Guide and FCC Compliance</a></p> <p>Instructions on how to use the Global Tag device, including powering on/off, reset functions, Bluetooth pairing with the Apple Find My app, and FCC compliance information.</p>
	<p><a href="#">Руководство пользователя цифрового сотового телефона Panasonic EB-G520</a></p> <p>Подробное руководство по эксплуатации для цифрового сотового телефона Panasonic G520 (EB-G520), предназначенного для работы в сетях GSM. Включает информацию по использованию, безопасности, установке SIM-карты и батарее.</p>
	<p><a href="#">Panasonic G520 Digital Mobile Phone User Manual</a></p> <p>Comprehensive user manual for the Panasonic G520 digital mobile phone, covering setup, basic and advanced operations, call management, phonebook, messaging, security features, battery information, and troubleshooting. Includes details on standard equipment and specifications.</p>
	<p><a href="#">T-WOLF Q13 Wireless Gaming Mouse User Manual</a></p> <p>User manual for the T-WOLF Q13 Wireless Gaming Mouse, detailing its features, specifications, and FCC compliance information.</p>