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› **TRACER GAMEZONE IGNIS AVAGO 3050 4000DPI USB Gaming mouse for PC, 4000 DPI, 6 Buttons User Manual**

Tracer TRAMYS46085

TRACER GAMEZONE IGNIS AVAGO 3050 4000DPI USB Gaming Mouse User Manual

Model: TRAMYS46085

1. INTRODUCTION

This manual provides detailed instructions for the TRACER GAMEZONE IGNIS AVAGO 3050 4000DPI USB Gaming Mouse. Please read this manual thoroughly before using the product to ensure proper operation and to maximize your gaming experience.



Image 1.1: Overview of the TRACER GAMEZONE IGNIS AVAGO 3050 Gaming Mouse. This image shows the mouse from a slightly elevated angle, highlighting its ergonomic design, scroll wheel, and the integrated RGB lighting along its sides.

2. PACKAGE CONTENTS

Ensure all items are present in the package:

- TRACER GAMEZONE IGNIS AVAGO 3050 4000DPI USB Gaming Mouse
- User Manual (this document)

3. PRODUCT FEATURES

- **High Precision Optical Laser:** Equipped with an AVAGO 3050 optical sensor for superior tracking accuracy.
- **Adjustable DPI:** Supports DPI switching up to 4000 DPI for customizable sensitivity.
- **6 Customizable Buttons:** Provides six programmable buttons for enhanced control during gameplay.
- **RGB Lighting:** Integrated internal RGB lighting for a modern and aggressive aesthetic.
- **USB Connectivity:** Standard USB connection for wide compatibility with PC and Mac platforms.
- **Sliding Base:** Designed for smooth operation on various surfaces, including mouse mats.



Image 3.1: Side view of the gaming mouse, showcasing the ergonomic shape, textured grip on the side, and the vibrant RGB light strip running along the edge.

4. SETUP

Follow these steps to set up your TRACER GAMEZONE IGNIS AVAGO 3050 Gaming Mouse:

1. **Unpack the Mouse:** Carefully remove the mouse from its packaging.
2. **Connect to Computer:** Plug the USB connector of the mouse into an available USB port on your PC or Mac.
3. **Driver Installation:** The mouse is plug-and-play. Your operating system will automatically detect and install the necessary drivers. No additional software installation is typically required for basic functionality.
4. **Placement:** Place the mouse on a flat, clean surface or a mouse pad for optimal performance.



Image 4.1: Front view of the gaming mouse, showing the USB cable extending from the front, the scroll wheel, and the primary left and right click buttons.

5. OPERATING INSTRUCTIONS

The TRACER GAMEZONE IGNIS AVAGO 3050 Gaming Mouse is designed for intuitive use. Here are the basic operating principles:

5.1. Basic Mouse Functions

- **Left Click:** Primary action button.
- **Right Click:** Secondary action button, often used for context menus.
- **Scroll Wheel:** Used for vertical scrolling. Can also be pressed as a middle button.

5.2. DPI Adjustment

The mouse features a dedicated DPI button (usually located behind the scroll wheel) to cycle through different sensitivity settings. Press this button to instantly change the DPI (Dots Per Inch) to match your preference or game requirements. The mouse supports multiple DPI levels up to 4000 DPI.

5.3. Button Customization

The TRACER GAMEZONE IGNIS AVAGO 3050 mouse has 6 customizable buttons. While basic functionality is plug-and-play, advanced customization (such as remapping buttons or creating macros) typically requires third-party software compatible with generic gaming mice, as Tracer may not provide proprietary software for this model. Refer to your operating system's mouse settings or third-party utility software for advanced configuration options.



Image 5.1: Top-down view of the gaming mouse, clearly showing the scroll wheel, the DPI adjustment button behind it, and the left and right click buttons. The Tracer logo with RGB lighting is visible at the rear.

6. MAINTENANCE

To ensure the longevity and optimal performance of your gaming mouse, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the mouse. For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Sensor Cleaning:** Periodically clean the optical sensor on the underside of the mouse with a cotton swab lightly dampened with rubbing alcohol. Ensure no lint is left behind.
- **Cable Care:** Avoid sharp bends or excessive pulling on the USB cable to prevent damage.
- **Storage:** Store the mouse in a clean, dry environment away from extreme temperatures and direct sunlight when not in use.

7. TROUBLESHOOTING

If you encounter issues with your TRACER GAMEZONE IGNIS AVAGO 3050 Gaming Mouse, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Mouse not responding	Loose USB connection, faulty USB port, driver issue.	<ul style="list-style-type: none"> Ensure the USB cable is securely plugged into the computer. Try plugging the mouse into a different USB port. Restart your computer. Check Device Manager (Windows) or System Information (Mac) to see if the mouse is recognized.
Cursor erratic or not moving smoothly	Dirty optical sensor, unsuitable surface, software interference.	<ul style="list-style-type: none"> Clean the optical sensor on the underside of the mouse. Use the mouse on a clean, uniform surface or a mouse pad. Ensure no other pointing devices are interfering.
DPI button not changing sensitivity	Button malfunction, software conflict.	<ul style="list-style-type: none"> Ensure the button is not physically stuck. Restart your computer. Test on another computer if possible to rule out system-specific issues.

8. SPECIFICATIONS

Feature	Detail
Model Name	GAMEZONE IGNIS AVAGO 3050 4000DPI
Item Model Number	TRAMYS46085
Brand	Tracer
Connectivity Technology	USB
Movement Detection Technology	Laser, Optical (AVAGO 3050)
DPI Range	Up to 4000 DPI (adjustable)
Number of Buttons	6
Hardware Platform	Mac, PC
Item Weight	12.3 ounces (approx. 348.7 grams)
Package Dimensions	7.87 x 5.91 x 1.97 inches
Manufacturer	TRACER
First Available Date	February 4, 2019

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Tracer website or contact your local retailer where the product was purchased. Keep your proof of purchase for warranty claims.

Manufacturer: TRACER

Related Documents - TRAMYS46085

3.1 Buttons		
Press the "OPERATION" button to enter the operation interface.		
Press the "OPERATION" button to exit the operation interface.		
Press the "OPERATION" button to enter the parameters.		
Press the "OPERATION" button to confirm the setting parameters.		

3.2 Interface		
PV array		

Item	Status	Description
Over Voltage		Over voltage or PV connected correctly
Over Current		Over current or PV connected correctly
Charging		Charging
MPPT		In MPPT Mode
Boost		In Boost Charging Mode
PV		PV Voltage and Current
Battery		Battery
12V 24V		Current System Voltage
BAT		Battery Voltage and Current
BAT TYPE		Battery Type
SEL		Battery or PV connection instruction
Def Sel		Battery type instruction

(2) LED Indicator		
Color	Color	Explanation
Green		Charging, and the charging current is less than 1/10 of the rated current
Yellow		Fast Charge, and the charging current is less than 1/10 of the rated current
Red		In Fast Charging Mode
Blue		Battery
12V 24V		Current System Voltage
BAT		Battery Voltage and Current
BAT TYPE		Battery Type
SEL		Battery or PV connection instruction
Def Sel		Battery type instruction

Note:																	
Note: If the LED indicator is not displayed, it is because the LED indicator is not connected. If the LED indicator is displayed, but the solar panel cannot be charged, the controller will turn off the display after a few seconds. Press the key or button to restore charging can wake up the LED display again.																	
(3) Panel Indication																	
<table border="1"> <thead> <tr> <th>Panel</th> <th>Icon</th> <th>Explanation</th> </tr> </thead> <tbody> <tr> <td>Low Voltage</td> <td></td> <td>Battery low level</td> </tr> <tr> <td>Over Voltage</td> <td></td> <td>Over voltage icon flash</td> </tr> <tr> <td>Over Current</td> <td></td> <td>Over current icon flash</td> </tr> <tr> <td>Protection</td> <td></td> <td>Temperature icon flash</td> </tr> </tbody> </table>			Panel	Icon	Explanation	Low Voltage		Battery low level	Over Voltage		Over voltage icon flash	Over Current		Over current icon flash	Protection		Temperature icon flash
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Low Voltage		Battery low level															
Over Voltage		Over voltage icon flash															
Over Current		Over current icon flash															
Protection		Temperature icon flash															
(4) Broadcast Message																	

Note:		
Note: If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the MPPT mode. If there is no operation within 20s in any interface, after powered on with battery input, the controller will enter the MPPT mode. If there is no operation within 20s in any interface, after powered on with battery input, the controller will enter the MPPT mode.		
(5) Main Interface		
Note: main interface display long press menu button and operation button. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the MPPT mode. If there is no operation within 20s in any interface, after powered on with battery input, the controller will enter the MPPT mode.		

5.1 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.2 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
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Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.3 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.4 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.5 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.6 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.7 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.8 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.9 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.10 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		
Operate:		
Step 1: In main interface display, press the "MENU" button to enter the menu interface.		
Step 2: Long press the "MENU" button until the value is displayed.		
Step 3: Press the "SEL" and "OPERATION" button to change the value.		
Step 4: After setting, long press the "MENU" button(s) to save the new setting. If there is no operation within 20s in any interface, after powered on with PV input, the controller will enter the main interface and cycle to display automatically.		

5.11 Setting		
(1) Clear the charging power (A)		
Operate:		
Step 1: Press the "OPERATION" button and hold for 5s under the PV power input interface, the value will be cleared.		
(2) PV Input Setting		

