

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



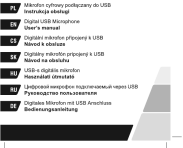

Feature	Detail
Model Name	GAMEZONE IGNIS AVAGO 3050 4000DPI
Item Model Number	TRAMYS46085
Brand	Tracer
Connectivity Technology	USB
Movement Detection Technology	Laser, Optical (AVAGO 3050)
DPI Range	Up to 4000 DPI (adjustable)
Number of Buttons	6
Hardware Platform	Mac, PC
Item Weight	12.3 ounces (approx. 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

 <p>Tracer Gamezone Master RGB</p> <p>PL Instrukcja obsługi EN Instructions for use CS Návod k použití DE Handb. zu Maüs HU Használati útmutató RU Инструкция по использованию LT Naudojimo instrukcija LV Līdzdarināšanas instrukcija EE Kasutusjuhend</p>	<p>Tracer Gamezone Master RGB Mouse: User Manual and Specifications</p> <p>Comprehensive user manual for the Tracer Gamezone Master RGB mouse, detailing setup, safety, features, and technical specifications. Learn how to customize lighting, macros, and button functions.</p>
 <p>Tracer Gamezone Mobile Hybrid BT+2.4G</p> <p>PL Instrukcja obsługi EN Instructions for use CS Návod k použití DE Handb. zu Maüs HU Használati útmutató RU Инструкция по использованию LT Naudojimo instrukcija LV Līdzdarināšanas instrukcija EE Kasutusjuhend</p>	<p>Tracer Gamezone Mobile Hybrid BT+2.4G - Instrukcja obsługi</p> <p>Instrukcja obsługi dla słuchawek Tracer Gamezone Mobile Hybrid BT+2.4G, zawierająca informacje o bezpieczeństwie, specyfikacje techniczne, opis rysunku, instrukcje użytkowania w trybie przewodowym, 2.4G i Bluetooth, a także informacje o ładowaniu i stanie baterii.</p>
 <p>Tracer Digital USB Microphone</p> <p>PL Instrukcja obsługi EN Instructions for use CS Návod k použití DE Handb. zu Maüs HU Használati útmutató RU Инструкция по использованию LT Naudojimo instrukcija LV Līdzdarināšanas instrukcija EE Kasutusjuhend</p>	<p>Tracer Digital USB Microphone User's Manual</p> <p>User's manual for the Tracer Digital USB Microphone, covering package contents, safety instructions, operation, recording tips, care, and technical specifications.</p>
 <p>User's Manual</p> <p>MPPT Max PV Input Voltage 60V SOLAR CHARGE CONTROLLER</p> <p>Tracer Drive Series 12V 10A</p> <p>Dear users,</p> <p>Thank you for choosing our product!</p> <p>Important Safety Instructions</p> <p>Please read this manual before using the product.</p> <p>The manual contains all instructions of safety, installation and operation for Tracer Drive Series Maximum Power Point Tracking (MPPT) controller (the controller) as referred to in this manual.</p> <p>General Safety Information</p> <ol style="list-style-type: none">Read carefully all the instructions and warnings in the manual before installation.Do not disconnect components inside the controller. Disconnect components at attempt to repair the controller.Mount the controller in a well-ventilated place. The controller's heat sink may become very hot and may burn you.Do not touch the controller's internal components.Make sure to install all PV array components and the battery bank or battery before controller installation and adjustment.Power connections must be made tight to avoid fire hazard resulting from loose connection. <p>1. General Information</p> <p>1.1 Overview</p> <p>Tracer Drive 60V series controller is based on advanced MPPT control algorithm with LCD displaying current status. The MPPT control algorithm can minimize the maximum power point loss rate and loss time, taking track the maximum power point of the PV array and adjust the maximum energy from solar modules under any conditions, and can maximize the solar array utilization in the solar system by 20%-50% compared with a PWM charging method. The module designer should apply the ability of battery bank and Shunt/Offload unit for customer to check.</p> <p>Limiting the charging power and reducing charging power functions ensure the system stable with cost PV modules in high temperature environment.</p> <p>With comprehensive electronic load up/down, protection and powerful electronic protection functions built inside the controller, component damage caused by installation errors or system failures can be avoided to the greatest extent possible.</p> <p>Features:</p> <ul style="list-style-type: none">With the advanced dual peak or multi-peak tracking technology when the solar panel is subjected to part of the power loss resulting in multiple peaks on the IV curve, the controller is able to accurately track the maximum power point.Advanced MPPT technology with efficiency no less than 99.9%.Maximum 1000VDC maximum open-circuit voltage.Maximum 100A current.Advanced MPPT control algorithm to maximize the MPPT rate and loss time.LED charging power & current meter (more than 1000 times per second) power across a certain level and the charging current is larger than the rated current, the controller will automatically limit the charging power and bring the charging current to the rated value.Support fire level and protection with the needed Temp. compensation and support the battery bank from long-term.Power reduction automatically over temperature range.Monitor and set the parameters via RS485/RS485. <p>1.2 Characteristics</p> <ul style="list-style-type: none">PV MC4 TerminalsLED DisplayLED IndicatorLoadBattery TerminalsTemperature SensorMini (H)HCharge/DischargeCooling Hole <p>Figure 1-1 Product Characteristics</p> <p>3</p> <p>4) If the temperature sensor is short-circuited or damaged, the controller will charge at 0.1C at the default temperature setting of 25°C.</p> <p>1.3 Naming Rules of Controller Models</p> <p>TD 2 3 10 TU</p> <p>TD: Tracer Drive 2: Max PV Input Voltage 60V 3: Max PV Input Current 10A 10: Max PV Input Power 1000W TU: Temperature Compensation</p> <p>Figure 1-3 Naming Rules</p> <p>1.4 Maximum Power Point Tracking Technology</p> <p>Due to the nonlinear characteristics of solar cells, there is a maximum energy</p>	

Comprehensive user manual for the Tracer Dream Series MPPT Solar Charge Controller, detailing installation, operation, features, troubleshooting, and technical specifications for efficient solar battery charging.


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4. Protections, Troubleshooting and Maintenance

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4.2 TurtleShooting

Possible reasons	Faults	Troubleshooting
PV array disconnected	LCD display shows error message	Confirm that PV array connections are correct and tight
Battery voltage is lower than DV	Wire connection is correct, the controller is not working	<p>Press the check button on the battery. At least DV voltage to activate the controller.</p>
Battery over voltage	 Battery must show L, but battery loose, fault code 101	Check if battery voltage is higher than C/Dcutoff voltage (disconnected voltage), and disconnected the PV
Battery over discharged	Battery must show empty, battery voltage is below	When the battery voltage is restored to allow C/Dcutoff voltage (disconnected voltage), the load will

4.2 Maintenance

- The following inspections and maintenance tasks are recommended at least twice a year, or after periods of extended inactivity:
 - Make sure controller firmly located in a clean and dry ambient
 - Make sure no block on or off above the controller. Clear up any dirt and debris
 - Check the battery level and make sure the battery is fully charged
 - Check all the related wires to make sure insulation is not damaged for scabbling or physical wear. Inspect, pinch or trim, break, or burnt wire connections
 - Tighten all the terminals (input, output, broken, or burnt wire connections)
 - Check the terminal block for loose connections, and make sure there is no overheating or error indication. Take corrective action if necessary
 - Confirm that all the system components are ground connected tightly and correctly
 - Confirm that all the terminals have no corrosion, insulation damaged, long wire or shortcircuited signs. Tighten terminal screws to the suggested torque
 - Check for dirt, heating smells and corrosion if any. Clear up in time
 - Check the power supply voltage and make sure the power supply voltage is a new one in time to avoid damaging the controller and even other appliances
 - Check the power supply. Risk of electric shock
- Make sure that all the power is turned off before above operations, and then follow the corresponding inspection and operations

5. Technical Specification

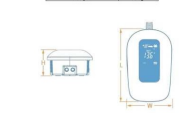
5.1 Electrical Parameters

Item	Technical
System nominal voltage	12V DC
Rated charge current	3.0A
Battery voltage range	8 ~ 15V
Max. PV open-circuit voltage	≤ 40V
	≤ 50V
MPPT voltage range	(Battery voltage + 20V) ~ 40V
Battery type	Sealed (AGM) or Gel (GEL) or LiFePO4 Li-ion/Li-ion
Rated charge power	120W/12V
LVD	13.5V AD, 9V ~
ULVL	13.5V AD, 11V ~ 13.5V
Flood voltage	13.5V AD, 13V ~ 15V
Do not	14.4V ~ 16.2V AD, 15V ~ Battery voltage less than Flood Test Voltage Start Discharge
Self-consumption	40mA/12V
Temperature compensation	±0.01V/°C
Working environment	20°C ~ +45°C (200% air outflow)
Storage temperature range	20°C ~ +75°C
Relative humidity	40% ~ 95%

- ①When a lithium battery is used, the system voltage can't be identified automatically.
- ②At minimum operating environment temperature.
- ③At 25°C environment temperature.
- ④When a lithium battery is used, the temperature compensate coefficient will be 0.
- ◆The controller can work under full load in the working environment temperature, when the internal temperature is more than 80°C, the reducing power charging mode is turned on.

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Item	TD1185
Dimension (L*W*H)	120*75*43mm
Terminal Scale	6mm/1000PCS
Mounting Hole size	Ø4mm
Weight	25g



Any changes without
prior notice
Version TD60V V1.1

Tracer SimRacer 6in1 User Manual

This manual provides detailed instructions for the Tracer SimRacer 6in1 steering wheel, covering setup, button functions, calibration, and compatibility with various gaming platforms including PC, PS3, PS4, Xbox 360, Xbox One, Xbox Series X/S, and Nintendo Switch.

Tracer Stripe TWS Bluetooth Speaker User Manual

Comprehensive user manual for the Tracer Stripe TWS Bluetooth speaker, covering setup, modes (Bluetooth, TF, USB, AUX, FM Radio), TWS pairing, light effects, safety guidelines, and technical specifications.