Lamzu LA-INCA

Lamzu Inca Gaming Mouse User Manual

Model: LA-INCA

1. Introduction

The Lamzu Inca Gaming Mouse is engineered for competitive gaming, featuring an ultra-lightweight design, high-precision sensor, and advanced connectivity options. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Lamzu Inca mouse to ensure optimal performance.

Image: The Lamzu Inca Gaming Mouse, highlighting its 8K Polling Rate and Aurora Technology.

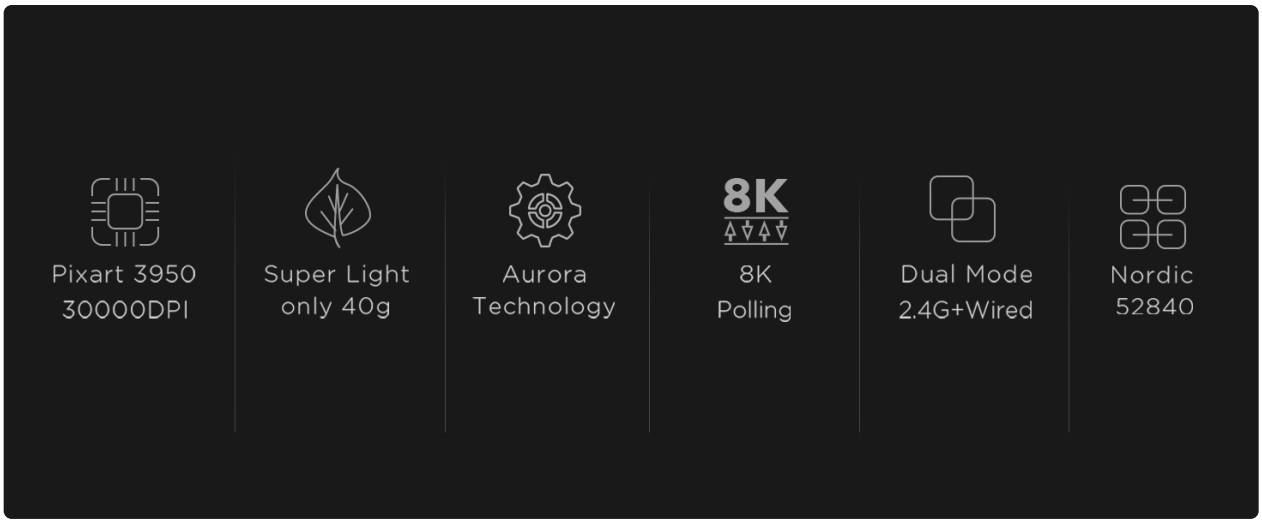

Image: Overview of key features including Pixart 3950 sensor, 40g weight, Aurora Technology, 8K Polling, Dual Mode connectivity, and Nordic 52840 MCU.

2. Package Contents

Please ensure all items are present in the package:

- Lamzu Inca Gaming Mouse (Black)
- 8K Polling Rate Dongle
- USB Type-C Cable (1.8m)
- PTFE Feet (x2 sets)
- Velvet Bag
- Mouse Grip Tape

3. Setup

3.1 Connecting the Mouse

The Lamzu Inca mouse supports both 2.4GHz wireless and wired connectivity.

Wireless Mode (2.4GHz)

1. Locate the 8K Polling Rate Dongle included in your package.
2. Plug the 8K dongle into an available USB port on your computer.
3. Turn on the mouse using the On/Off switch located on the bottom of the mouse.
4. The mouse should automatically connect to the dongle. If not, refer to the pairing instructions in the software section.

Image: The Lamzu Inca mouse with its 8K dongle, illustrating the bottom view of the mouse where the sensor and power switch are located.

Wired Mode

1. Connect the provided USB Type-C cable to the front port of the Lamzu Inca mouse.
2. Plug the other end of the USB cable into an available USB port on your computer.
3. The mouse will function in wired mode and will also charge its internal battery.

Image: Front view of the Lamzu Inca mouse, clearly showing the USB-C port for wired connection and charging.

Image: Diagram illustrating the dual connectivity modes: 2.4G Wireless and Wired (Type-C).

3.2 Software Installation (LAMZU Aurora Driver)

To unlock the full customization potential of your Lamzu Inca mouse, download and install the LAMZU Aurora driver from the official Lamzu website.

- The software allows adjustments for DPI, polling rate, debounce time, macro settings, and more.
- **Note for macOS users:** To use the Aurora driver on macOS, you must first update the firmware to version 0.0.0.15 or later using a Windows system.

Image: Screenshot of the LAMZU Aurora driver interface, showing options for macro settings, button customization, DPI, polling rate, and debounce time.

4. Operating the Mouse

4.1 Button Functions

The Lamzu Inca is a 6-button gaming mouse:

- **Left Click:** Primary action.
- **Right Click:** Secondary action.
- **Scroll Wheel:** Scroll up/down, Middle click.
- **DPI Button:** Cycles through preset DPI stages (customizable via software).
- **Forward Button:** Navigational forward.
- **Back Button:** Navigational back.
- **On/Off Switch:** Located on the bottom of the mouse to power on or off.

Image: A detailed diagram labeling all buttons on the Lamzu Inca gaming mouse, including Left, Right, Scroll Wheel, DPI, Forward, Back, and On/Off switch.

4.2 DPI Adjustment

The Lamzu Inca features a PixArt PAW3950 sensor capable of up to 30,000 DPI. DPI settings can be customized and adjusted using the LAMZU Aurora driver. The dedicated DPI button on the mouse allows for quick cycling through your configured DPI profiles.

Image: Bottom view of the Lamzu Inca mouse, emphasizing its maximum 30,000 DPI capability and the sensor area.

4.3 Polling Rate

The mouse supports an 8K polling rate, ensuring faster and more accurate responses, particularly beneficial in fast-paced games. The polling rate can be configured via the LAMZU Aurora driver.

Image: The Lamzu Inca mouse connected to its 8K dongle, demonstrating the smooth tracking achieved with an 8K polling rate.

4.4 Recommended Grip Style

The Lamzu Inca features a symmetrical high-back design, making it suitable for various grip styles. It is particularly recommended for claw-grip gamers.

- **For hand length ≤ 18cm:** Palm grip (extended), Claw grip (inward), Fingertip grip.
- **For hand length ≥ 18cm:** Fingertip grip, Claw grip (extended), Hybrid grip.

Image: Illustrations of common mouse grip methods (Palm Grip, Claw Grip, Fingertip Grip), indicating the Lamzu Inca's suitability for claw grip.

5. Maintenance

5.1 Cleaning

- Regularly clean the mouse surface with a soft, dry cloth.
- For stubborn dirt, slightly dampen the cloth with water or a mild cleaning solution, then wipe dry immediately.
- Avoid using harsh chemicals or abrasive materials, as these can damage the mouse's finish.
- Clean the sensor area on the bottom of the mouse periodically to ensure accurate tracking.

5.2 Battery Care

- The mouse uses a nonstandard battery (included).
- Charge the mouse using the provided USB Type-C cable.
- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the mouse in a cool, dry place when not in use for extended periods.

6. Troubleshooting

6.1 Mouse Not Responding

- **Check Power:** Ensure the mouse is turned on using the switch on the bottom.
- **Check Battery:** If in wireless mode, ensure the battery is charged. Connect the USB-C cable to charge.
- **Check Connectivity:** For wireless, ensure the 8K dongle is securely plugged into a USB port. For wired, ensure the USB-C cable is firmly connected to both the mouse and the computer.
- **Try Different USB Port:** Plug the dongle or cable into a different USB port on your computer.
- **Re-pair (Wireless):** If connection is lost, use the LAMZU Aurora driver to re-pair the mouse with the dongle.

6.2 Sensor Stutter or Inaccurate Tracking

- **Clean Sensor:** Ensure the optical sensor on the bottom of the mouse is clean and free of dust or debris.
- **Mouse Pad Surface:** Use the mouse on a clean, uniform mouse pad surface. Avoid highly reflective or uneven surfaces.

- **Polling Rate/DPI Settings:** Adjust polling rate and DPI settings in the Aurora driver. Sometimes very high polling rates can cause issues on older systems or with certain USB controllers.
- **Firmware Update:** Ensure your mouse firmware is up to date via the LAMZU Aurora driver.

6.3 Software Not Detecting Mouse

- **Reinstall Driver:** Uninstall and reinstall the LAMZU Aurora driver.
- **Check USB Connection:** Ensure the mouse is connected directly to the computer, not through a USB hub.
- **Restart Computer:** A system restart can often resolve software detection issues.
- **macOS Firmware:** If on macOS, ensure the firmware has been updated on a Windows system as required.

7. Specifications

Feature	Detail
Product Model	LA-INCA
Product Dimensions	122 × 63 × 40mm (4.8 x 2.48 x 0.1 inches)
Item Weight	40 grams (1.41 ounces)
Sensor IC	PixArt PAW3950
Maximum DPI	30,000 DPI
MCU	Nordic 52840
Polling Rate	Up to 8K (8000Hz)
Connectivity	2.4GHz Wireless, USB Wired (Type-C)
Switches	Optical Switches (70 million clicks durability)
Encoder	TTC Gold Dustproof Encoder
Special Features	Ultra-Lightweight, Symmetrical High-Hump Design
Battery	1 Nonstandard Battery (included)
Color	Black

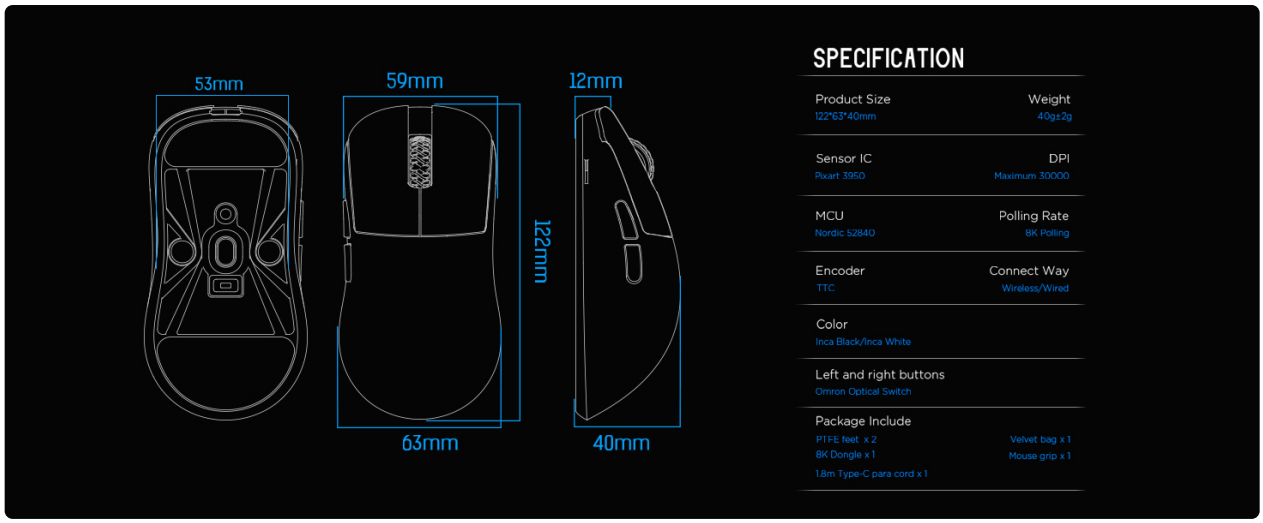

Image: Detailed diagram showing the dimensions of the Lamzu Inca mouse and a summary of its key specifications.

7.1 Component Highlights

- **Pixart 3950 Sensor:** High-precision optical sensor for accurate tracking.
- **Nordic 52840 MCU:** Advanced microcontroller for efficient performance and improved battery life.
- **Optical Switches:** Provide tactile feedback, ultra-fast actuation, and enhanced durability.
- **TTC Encoder:** Features a five-layer dustproof structure for improved longevity and scroll wheel reliability.

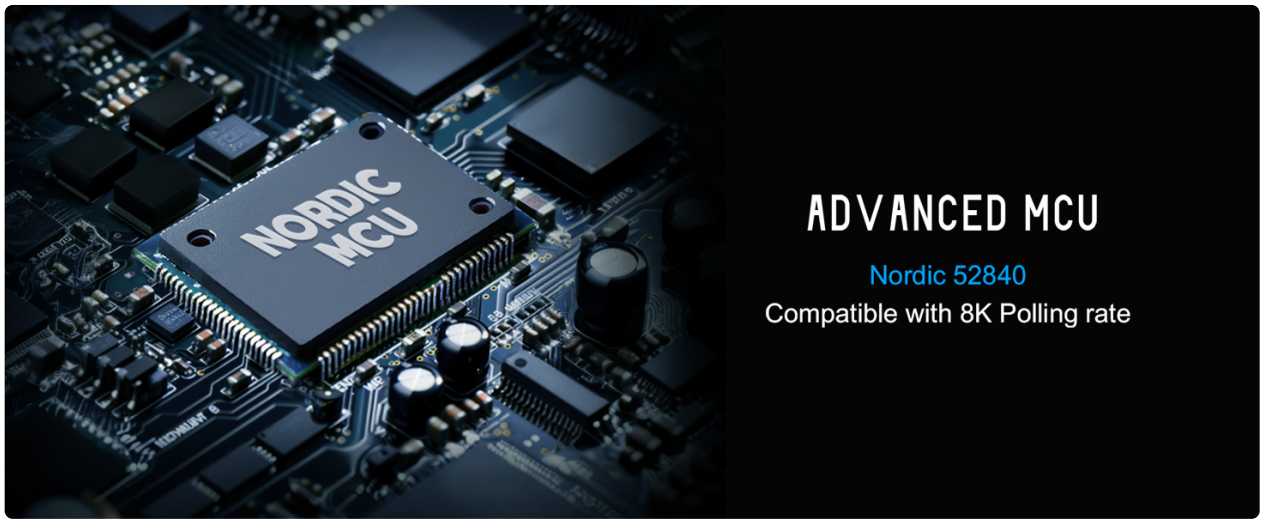

Image: Close-up view of the Pixart 3950 sensor IC, a core component for precise mouse tracking.

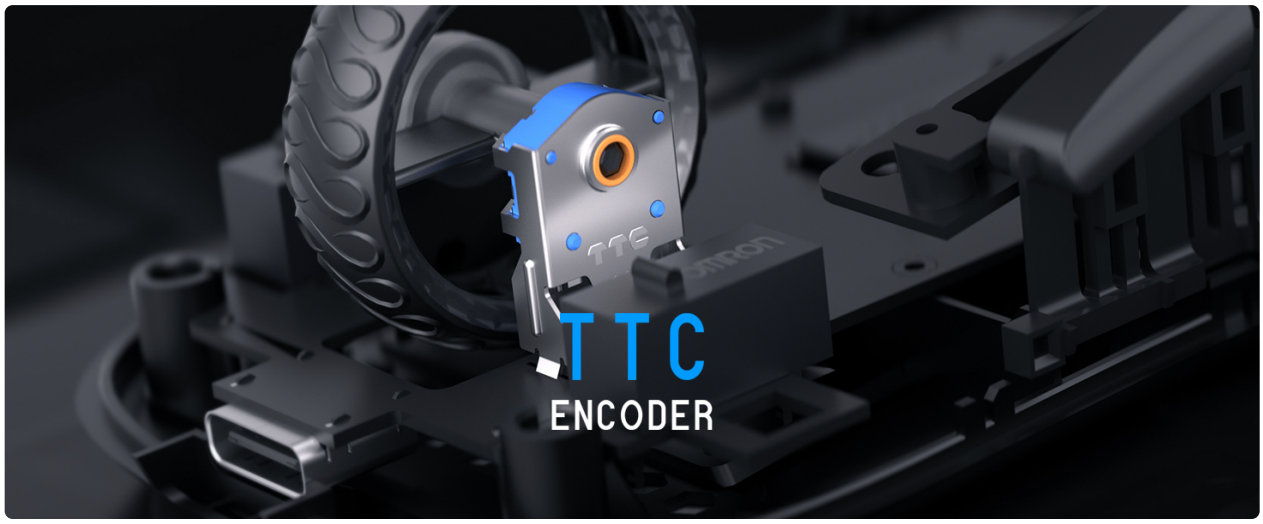

Image: Close-up view of the Nordic 52840 MCU, highlighting its role in advanced mouse functionality and 8K polling rate compatibility.

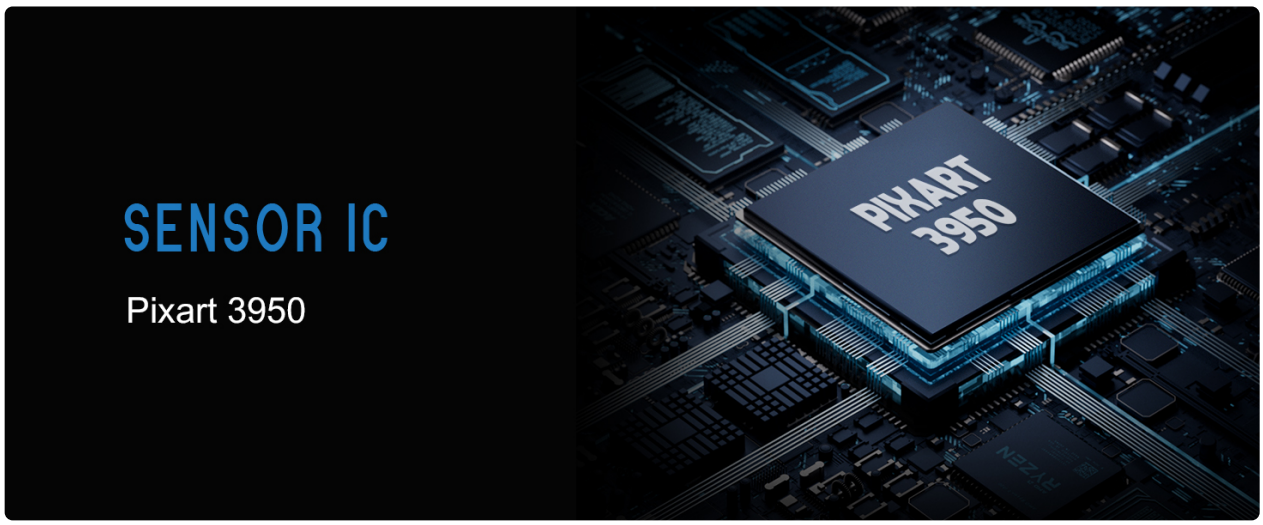

Image: Transparent view illustrating the internal mechanism of the optical switches, designed for optimized click feel and to prevent double clicks.

Image: Close-up view of the TTC Encoder, responsible for the scroll wheel's precise and durable operation.

8. Warranty and Support

For warranty information, technical support, and frequently asked questions, please visit the official Lamzu website or contact Lamzu customer service directly. Keep your proof of purchase for warranty claims.
Manufacturer: Lamzu
Date First Available: March 12, 2025

Related Documents - LA-INCA

	[LAMZU Inca: Super Light 8K Wireless Gaming Mouse] Experience the pinnacle of wireless gaming performance with the LAMZU Inca, a super light 40g wireless mouse engineered for precision and speed, featuring a Pixart 3950 sensor and up to 8000Hz polling rate.
	[LAMZU Atlantis Mini 4K Wireless Gaming Mouse User Manual] User manual for the LAMZU Atlantis Mini 4K Super Light Wireless Gaming Mouse, detailing its features, specifications, and usage. Includes information on DPI, battery life, connectivity, and more.
	[Lamzu Maya 8K Wireless Gaming Mouse User Manual] Detailed user manual for the Lamzu Maya 8K Super Light Wireless Gaming Mouse, covering specifications, features, and operational guidelines.
	[LAMZU Maya Super Light Wireless Gaming Mouse - Lightweight, High DPI] Discover the LAMZU Maya, an ultra-lightweight wireless gaming mouse featuring a 26000 DPI sensor, 80-hour battery life, and ergonomic design. Ideal for competitive gaming.
	[LAMZU Atlantis 4K Wireless Gaming Mouse - 26000 DPI] Discover the LAMZU Atlantis 4K, a super-light wireless gaming mouse engineered for performance. Featuring a 26000 DPI sensor, 2.4 GHz wireless/wired connectivity, and ergonomic design, it's ideal for esports enthusiasts. Includes detailed specifications and compliance information.
	[ABB INCA Tina Emergency Stop Buttons and Safety Stop Button Product Manual] This product manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of ABB's INCA Tina emergency stop buttons and safety stop buttons. It details product descriptions, safety precautions, connection examples, functions, and technical specifications.