



SENSA

WIRELESS GAMEPAD



USER MANUAL

HIGHLIGHTS



PRODUCT OVERVIEW

The Cosmic Byte Sensa Gamepad is a multi-platform wireless controller designed for PlayStation®5 systems, Windows PC, MacOS, Steam, iOS, and Android devices.

It features Bluetooth 6.0 connectivity, Hall-Effect analog sticks, adaptive trigger feedback, RGB lighting, programmable macro buttons, and a 6-axis motion sensing system for immersive gameplay.

PACKAGE CONTENTS

- Cosmic Byte Sensa Gamepad
- USB Type-C Charging Cable
- User Manual
- Warranty Card

KEY FEATURES

- Multi-platform compatibility
- Bluetooth 6.0 wireless connection (up to 10 meters)
- Hall-Effect analog sticks
- Dual voice coil vibration motors
- Adaptive trigger feedback (L2 / R2)
- 6-axis motion sensor
- RGB lighting with adjustable brightness
- Macro programmable rear buttons (ML / MR)
- Turbo function
- Built-in speaker and microphone
- 3.5mm headset jack
- Capacitive touchpad
- Firmware update support via PC

TECHNICAL SPECIFICATIONS

Connectivity: Bluetooth 6.0 / USB Wired

Wireless Range: Up to 10 meters

Polling Rate: 500Hz/250Hz (wired and wireless)

Sensors: 6-Axis Motion Sensor

Analog Sticks: Hall-Effect Magnetic

Vibration: Dual Voice Coil Motors

Triggers: Adaptive Force Feedback

Audio: Built-in Speaker + Microphone

Headset Port: 3.5mm TRRS

Lighting: RGB Multi-color

Charging Port: USB Type-C

CONNECTING TO PLAYSTATION 5

- Connect the controller to the PlayStation®5 console using a USB cable.
- Press the PS button.
- The controller will automatically pair with the console.
- Disconnect the cable to use the controller wirelessly.

CONNECTING TO WINDOWS PC

- **USB Connection:**
 - Connect the controller using a USB Type-C cable.
 - Windows will automatically install the drivers.
- **Switch to X-Input Mode:**
 - Hold SHARE + OPTIONS for 5 seconds.
- **Switch to X-Input Mode:**
 - Turn the controller OFF.
 - Hold SHARE + PS for 3 seconds until LED flashes.
 - Select the controller in PC Bluetooth settings.

CONNECTING TO MacOS / iOS / ANDROID

- Turn the controller OFF.
- Hold SHARE + PS for 3 seconds.
- Open Bluetooth settings on the device.
- Select the controller from the list.

Compatible with iOS 13+ and Android 5.0+.

MACRO PROGRAMMING (ML / MR)

- **Enter programming mode:**
 - Hold TouchKey + ML or MR for 3 seconds.
 - Record button sequence then press ML or MR again to save.
 - Maximum 24 inputs can be recorded.
- **Clear Macro:**
 - Hold TouchKey + ML/MR for 5 seconds.

LED SETTINGS

- **Changing the Light Mode**
 - To cycle through the available light modes, hold the Options button and press Left or Right on the D-pad. The gamepad will vibrate briefly each time the mode changes to confirm the input.
 - **The modes cycle in the following order:**
 - Random Rainbow (Left and Right sides) → Synced Rainbow → 8 Static Colors → Off
 - Press Right to move forward through the sequence and Left to move backward.

TURBO FUNCTION

Applicable Buttons: , , , , L1, R1, L2, R2.

- **Press Action Button + TURBO to cycle:**
 - Turbo ON → Auto Turbo → Turbo OFF.
- **Example:**
 - **First press  + TURBO:** A enters Turbo mode (rapid continuous press).
 - **Second press  + TURBO:** A enters Auto Turbo mode.
 - **Third press  + TURBO:** Turbo for A is cancelled.
- **Turbo Speed Adjustment:**
 - **Default speed level:** 2.
- **Speed Levels:**
 - **Level 1:** 5 presses per second
 - **Level 2:** 10 presses per second
 - **Level 3:** 15 presses per second
- **Increase Speed:**
 - Hold **TURBO** and push Right Stick UP.
- **Decrease Speed:**
 - Hold **TURBO** and push Right Stick DOWN.
- **Clear All Turbo:**
 - Hold **TURBO + SHARE** for 1 second.
 - Controller vibrates confirming reset.

CALIBRATION FUNCTIONS

3D Stick & Trigger Calibration

- **To perform calibration:**
 - Ensure the controller is powered OFF.
 - Press and hold the Options + Share buttons simultaneously.
 - While holding both buttons, connect the controller to a PC using a USB cable.
 - The LED will flash rapidly, indicating calibration mode.
- **Now perform the following steps:**
 - Press the **L2 and R2 triggers** 2–3 times
 - Rotate both **left and right Joysticks** fully in all directions (2–3 full rotations each)
 - Press and hold the  **button** for 1 second to confirm

The **LED will turn solid**, indicating that calibration is successful.

Axis Calibration

- **While the controller is connected to a host device:**
 - Press and hold Share +  for 3 seconds
 - The LED will blink, indicating successful calibration
- **This function can be used when connected to:**
 - PlayStation® 5 system
 - PC
 - Other compatible devices (if games support)

Joystick Deadzone Toggle

- **To toggle the Joystick deadzone:**
 - Press and hold **TouchKey + L3 (or R3)** for 2 seconds
 - The **RGB lighting will briefly cycle between red and blue**, and the controller will vibrate
 - **The deadzone setting will toggle between:**
 - **Default Deadzone**
 - **0% Deadzone (No Deadzone Mode)**

The selected setting is saved in memory and remains active after power off.

FIRMWARE UPDATE INSTRUCTION

If the controller disconnects after a **PlayStation® 5** system update, a firmware update may be required.

Download the latest firmware from our official website:

www.thecosmicbyte.com/downloaddrivers/

FIRMWARE UPDATE STEPS

- Perform the firmware update using a **Windows PC**.
- Turn **OFF** the controller.
- Press and hold the **(Triangle) button**.
- While holding the button, connect the controller to the PC using a **USB cable**.
- The controller will enter **Firmware Update Mode**.
- Open the Cosmic Byte **Firmware Update Tool**.
- Select **BT Wireless**.
- Click **Update** to begin the firmware upgrade.
- Wait until the update process is completed before disconnecting the controller.

Download Page

<https://www.thecosmicbyte.com/downloaddrivers/>



IMPORTANT NOTES

- Do not disconnect the controller during the update process.
- Use a stable USB connection.
- Firmware updates ensure compatibility with the latest console system updates.

SLEEP & WAKE

- If the controller cannot connect within 15 mins while searching for a host, it automatically enters sleep mode.
- When connected to a console, the controller will sleep with the console system.
- Press the PS button to wake the controller.

CHARGING

- When charging while powered off, the LED breathes orange.
- When charging completes, the LED turns off.

LOW BATTERY WARNING

- When battery voltage drops below 3.65V, The Console will display a low battery warning.

POWER OFF

- **Manual Power Off:**
 - Hold the PS button for 5 seconds.
- **Automatic Power Off:**
 - If reconnection fails within 15 seconds, the controller powers off automatically.

RESET FUNCTION

- If the controller becomes unresponsive, press the reset button on the back of the controller using a pin.
- This will perform a hardware reset.

LITHIUM BATTERY SAFETY

This controller contains a rechargeable lithium-ion battery.

- Do not expose to fire or extreme heat
- Do not puncture or crush the battery
- Use certified USB chargers only
- Do not disassemble the controller
- Dispose according to local e-waste regulations

WARRANTY

Cosmic Byte provides a 2-Year Limited Warranty against manufacturing defects

- from the date of purchase.
- Valid proof of purchase is required.

Warranty does not cover:

- Physical damage
- Liquid damage
- Unauthorized modification
- Normal wear and tear



Scan the QR Code to know the Warranty Claim Procedure.

TRADEMARK DISCLAIMER

PlayStation®, PS 5®, and related marks are trademarks of Sony Interactive Entertainment Inc.

Cosmic Byte Sensa Gamepad is an independently developed product and is not licensed, sponsored, or endorsed by Sony Interactive Entertainment Inc.

SUPPORT DETAILS

Stuck? Get instant AI-powered support.



Scan the QR code or visit ai.thecosmicbyte.com to chat with our AI assistant — available 24/7 for setup help, troubleshooting, and product questions across all Cosmic Byte gaming products.

Customer Care Number: +91 7351615161 (Mon-Sat 10am to 6pm)

WhatsApp Support: +91 7351615161

Email: cc@thecosmicbyte.com