Cosmic Byte ®

switch to **GOD MODE**

LUMORA

TRI MODE CONTROLLER

USER MANUAL

HIGHLIGHTS

View Button

Home Button (Logo Light)

Menu Button

Turbo Button

Left Joystick

A/B/X/Y Buttons

D-Pad

Right Joystick

RGB Light

Macro Button

Pairing Button

Trigger Travel Switch
(Long/Short)

MR

Reset Hole

ML

USB-C Port

RB

LB

RT

LT

RK

LK
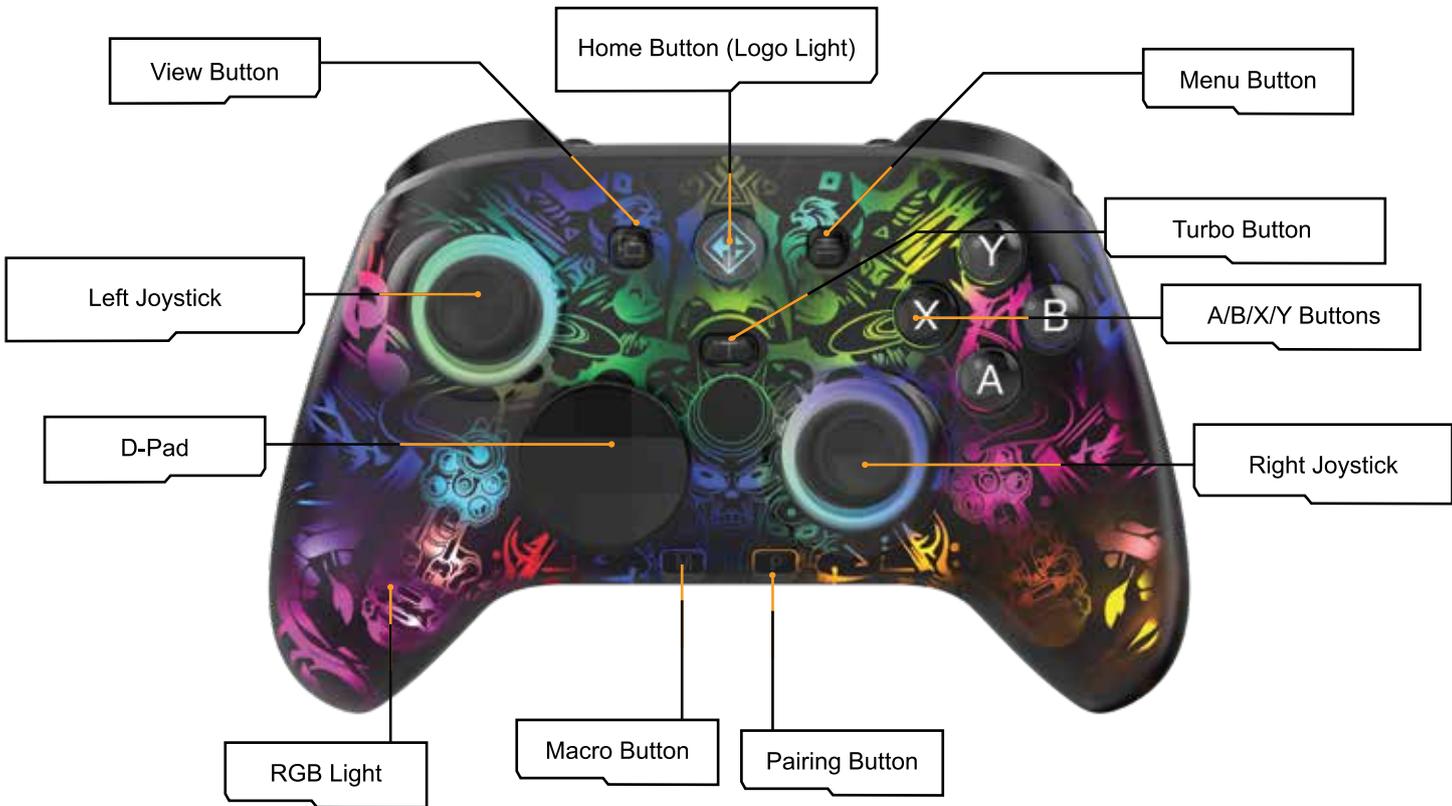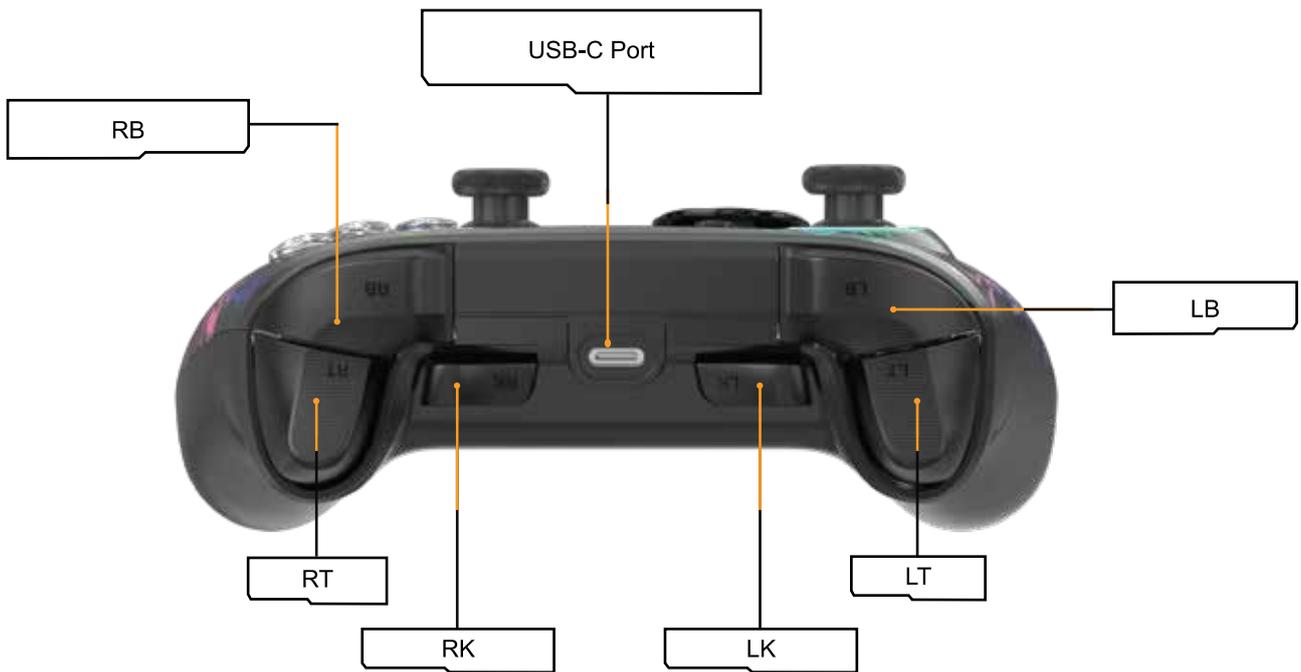
**Visit www.thecosmicbyte.com to download
the software for the Controller**

INTRODUCTION

Thank you for purchasing the **Cosmic Byte Lumora Controller -** a premium multi-platform wireless gamepad designed for smooth, precise, and reliable gaming performance. Built with advanced **Hall Effect sensors, mechanical key switches, vibration feedback,** and **RGB illumination,** the Lumora combines durability, comfort, and responsiveness in one

Please read this manual carefully before using your controller to ensure optimal performance and longevity.

KEY FEATURES

1. **Tri-Mode Connectivity:** Supports 2.4GHz Wireless, Bluetooth, and Wired (USB-C).
2. **Durable Construction:** High-quality **ABS raw material body** in matte black finish.
3. **Dual Vibration Motors:** Realistic feedback for an immersive experience.
4. **LED Indicators:** Mode, battery, and pairing status shown via RGB lighting.
5. **Built-in 1300mAh Lithium Battery:** Provides up to 10 hours of gameplay on a single charge with LED off.
6. **1.5m USB Type-C Cable Included:** Supports data transfer and fast charging.
7. **3.5mm Audio Jack:** Enables headset audio output.
8. **Hall Effect Triggers (L2/R2):** Ultra-precise linear detection with analog/digital switch.
9. **Hall Effect Joysticks:** No drift, ultra-smooth motion with adjustable range.
10. **High Polling Rate (1000Hz):** Ultra-fast input response for competitive gaming.
11. **Mechanical ABXY and D-Pad:** Crisp, responsive clicks for accurate control.
12. **6-Axis Gyroscope:** Motion-sensing control for supported games.
13. **Replaceable Joystick Caps and D-Pad:** Easily swappable for customization.
14. **Windows Software Support:** Configure macros, lighting, triggers, and sensitivity.
15. **Ergonomic Design:** Lightweight build for long gaming sessions.
16. **1-Year Warrant**y by Cosmic Byte India.

TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Model	Cosmic Byte Lumora
Material	ABS (Matte Black Finish)
Connectivity	2.4GHz Wireless / Bluetooth / Wired
Battery	1300mAh Rechargeable Li-ion
Charging Port	USB Type-C
Cable Length	1.5 meters
Polling Rate	1000Hz (wired & wireless)
Joysticks	Hall Effect, Replaceable Caps
Triggers	Hall Effect, Analog/Digital Switchable
Buttons	Mechanical ABXY, Mechanical D-Pad
Audio	3.5mm Jack
Vibration	Dual Motor
Gyroscope	6-Axis Motion Sensor
Compatibility	PC (Windows XInput/DInput)
Software	Windows
Warranty	1 Year Limited Warranty

1. Power Controls

- **Power ON:** Press the **HOME** button once.
- **Power OFF:** Hold the **HOME** button for 5 seconds.
- **Auto Sleep:** The controller enters standby mode after 5 minutes of inactivity.
- **Wake Up:** Press **HOME** to reconnect automatically.

2. Connection Modes (Detailed Guide)

The Lumora controller offers **three connection methods -** 2.4GHz Wireless, Bluetooth, and Wired — to provide flexibility across different devices and setups.

A. 2.4GHz WIRELESS MODE (Recommended for PCs)

Best for:

PC and Android users who want *zero-latency performance and stable connectivity.*

Steps to Connect:

1. **Insert the 2.4GHz Receiver**

   Plug the USB dongle into any available USB port on your PC or Android device.

   Press and hold the Force key on the dongle for 1 second until the LED begins flashing.

2. **Activate the Controller**

   Press the **HOME** button to power it on.

3. **Enter Pairing Mode**

   Hold the PAIRING (P) button for 3 seconds until the LED starts flashing purple.

   The gamepad will vibrate once.

4. **Pairing Process**

   The controller will automatically search for the dongle. Once the connection is established, the dongle LED will stop flashing and stay solid yellow.

5. **Auto Reconnection**

   Once paired, the controller automatically reconnects with the same dongle whenever powered on.

6. Once connected, you can use the Cosmic Byte software for customization on Windows PC.

Notes:

- If pairing fails, press the small **dongle force button** once, then reattempt pairing.
- Keep within a 7–10 meter range for stable performance.
- Controller enters **sleep mode** after 5 minutes of inactivity. Press **HOME** to wake.
- Controller will have to be re-paired with dongle if it is paired in Bluetooth mode.

B. BLUETOOTH MODE

Best for:

Android phones, iOS, Tablets, Smart TVs, Mac OS, Windows

Steps to Connect (First Time):

1. **Power On**

   Press the **HOME** button once to turn ON the controller.

2. **Enter Bluetooth Pairing Mode**

   Android

   Hold the PAIRING (P) + A button together for 3 seconds until the LED flashes green rapidly. The controller will vibrate once.

   (This indicates Bluetooth pairing mode is active.)

   iOS

   Hold the or PAIRING (P) + B together for 3 seconds until the LED flashes blue rapidly. The controller will vibrate once.

   (This indicates Bluetooth pairing mode is active.)

3. **Connect on Your Device**

    Open your phone or device's **Bluetooth Settings** and select

    "Cosmic Byte Lumora" from the list of available devices.

4. **Successful Connection**

    When paired, the LED light remains **solid green (Android)** or **solid Blue (iOS)** and the

    controller vibrates once.

5. **Reconnecting**

    After initial pairing, simply power ON the controller and it will reconnect automatically.

Notes:

-   To connect a new device, **clear previous pairing** by holding **PAIRING** (P) **for

    3 seconds** until the LED blinks rapidly, then pair again.

-   Bluetooth range: up to **8 meters** (avoid obstructions).

-   For lowest input delay, use 2.4GHz or wired mode on PCs.

C. WIRED MODE (USB-C)

Best for:

Gaming PCs, laptops, and devices where a direct wired connection is preferred.

Steps to Connect:

1. Plug the **included Type-C cable** into the controller and your PC's USB port.

2. The controller powers on automatically in **wired mode.**

3. Windows will detect it as a **controller** (no drivers required).

4. By default, it operates in **X-Input mode.**

    ◦   To switch between **X-Input and D-Input,** press **Back + Start** for 3 seconds.

        ▪   **Yellow LED** = X-Input Mode

        ▪   **Red LED** = D-Input Mode

5. Once connected, you can use the Cosmic Byte software for customization.

Advantages:

- **Lowest input latency** (1ms polling rate).
- **Continuous charging** during gameplay.
- **Stable data communication** with no interference.

7. **RGB Lighting and Effects**

FUNCTION	BUTTON COMBINATION
Cycle Lighting Effects	Turbo + R3
Change LED Color	Turbo + L3
Toggle RGB On/Off	Hold Turbo + R3 (3 sec)

Lighting Modes: RGB Cycle → Breathing → Solid → Off

Toggle RGB ON/OFF: Each press cycles through Pattern RGB → Joystick RGB → Off → All Lighting. The controller will vibrate once with each change.

8. **Vibration Intensity Control**

- **Increase:** Press **R3 + Left Stick Up**
- **Decrease:** Press **R3 + Left Stick Down**
- **Levels:** 100% → 70% → 30% → 0% (Off)

9. **Macro and Mapping Functions**

To Record a Macro:

1. Hold the Macro (M) key together with ML / MR / LK / RK for 2 seconds until the LED flashes.
2. Press your desired sequence of buttons.
3. Press the same M button again to save the macro. The controller will vibrate once.

To Clear a Macro:

Hold the Macro (M) key together with ML / MR / LK / RK for 2 seconds, then press the same M button to clear the macro. The controller will vibrate once

10. Joystick and Trigger Settings

Joystick Calibration

1. Turn off the controller.

2. Hold **Back + X + Home** for 1 second.

3. Rotate both joysticks clockwise 3 times and press both triggers 3 times.

4. Press **Start** to complete calibration (LED confirms

Joystick Range Modes

- **Press L3/R3 + Macro to toggle:**

  ◦ Full Circle (default)

  ◦ Small Circle (precision)

  ◦ Square Mode (tight angles)

11. Turbo (Rapid Fire) Mode

- Enable: **Turbo + [Desired Button]**

- Disable: Repeat the same combination.

- Clear All: Hold the TURBO button and the START button together for 2 seconds. The controller will vibrate once.

Example:

Press **Turbo + A** → "A" now performs rapid fire when held.

12. Trigger Mode (R2/L2)

The controller features **Hall Effect triggers** that support both **Analog Mode** and **Digital Mode,** allowing you to customize trigger sensitivity based on your game.

Analog Mode – Smooth Linear Control

In Analog Mode, the trigger provides gradual input just like a traditional trigger.
The controller supports **three sensitivity levels (circulation):**

1. **30% Range** – From 1% to 100% analog
2. **60% Range** – From 1% to 100% analog
3. **100% Range** – Full analog (standard trigger behavior)

✓ Press the **PAIRING key once** to cycle through **30% → 60% → 100% modes.**
✓ The controller will **vibrate once** every time the sensitivity switches.

Digital Mode – Fast Instant Response

Digital Mode converts the trigger into a **button-like input** for competitive games requiring quick response.

- Trigger acts as **100% digital** (no gradual movement).

✓ Press the **PAIRING key once** to switch between the sensitivity levels:

   30% → 60% → 100%

✓ The controller vibrates once with every change.

13. Battery and Charging

- **Charging Indicator:** HOME LED breathes slowly.
- **Fully Charged:** LED turns off.
- **Low Battery:** HOME LED flashes quickly.
- **Battery Level Check:** Press **Macro + RB**
  - Red – 1–25%
  - Yellow – 26–50%
  - Blue – 51–75%
  - Green – 76–100%

Charging via USB-C supports simultaneous gameplay.

This section provides solutions for the most common issues you may encounter while using the Cosmic Byte Lumora Controller. Follow each step carefully to resolve connectivity, input, vibration, software, and charging-related problems.

A. Controller Not Powering On

Possible Causes: Low battery, power button issue, or firmware freeze.

Solutions:

1. Hold the **HOME** button for at least **1 second** to power ON.
2. Charge the controller using the included USB-C cable for 10–15 minutes, then try again.
3. Ensure the charging cable is firmly connected to the controller and the USB port.
4. Try a different USB port or cable to rule out cable failure.
5. If the controller is unresponsive, **insert a pin into the RESET hole** at the back for 2 seconds and retry.

B. 2.4GHz Wireless Not Connecting

Symptoms: LED keeps flashing blue, no response on PC/Android.

Solutions:

1. Ensure the USB dongle is plugged directly into the PC — avoid hubs/extenders.
2. Press the **dongle Force Key** for 1 second until its LED starts flashing.
3. Hold **PAIRING (P)** for **3 seconds** on the controller until LED flashes purple → vibrates once.
4. Maintain a distance of less than **1 meter** while pairing.
5. Move away from Wi-Fi routers or USB 3.0 devices that may cause interference.
6. Try a different USB port (preferably a USB 2.0 port).
7. If still not connecting:
    ◦ Unplug the dongle → wait 5 sec → plug back in.
    ◦ Reset the controller using the rear RESET hole.
8. Re-pair again following the steps in Section 6A.

C. Bluetooth Not Connecting / Not Appearing in Device List

Possible Causes: Wrong pairing mode, already paired device, Bluetooth cache issues.

Solutions:

1. Ensure Bluetooth is enabled on your device.

2. Enter the correct pairing mode:

   - **Android:** Hold **PAIRING (P) + A** (3 sec, green flash).
   - **iOS:** Hold **PAIRING (P) + B** (3 sec, blue flash).

3. Delete "**Cosmic Byte Lumora**" from your Bluetooth list if it appears as *Previously Connected.*

4. Toggle Bluetooth OFF → ON on your device.

5. Restart your device to clear Bluetooth cache.

6. Keep other paired devices disconnected (smart TVs, laptops, etc.).

7. Ensure you are within **8 meters** and without major obstacles.

8. If still not visible:

   - Reset controller using the rear RESET hole.
   - Retry pairing.

D. Controller Randomly Disconnects (2.4GHz or Bluetooth)

Causes: Signal interference, low battery, range limits.

Solutions:

1. Fully charge the controller.

2. Keep within recommended range:

   - **2.4GHz:** 7–10 meters
   - **Bluetooth:** 5–8 meters

3. Avoid thick walls, metal desks, or other wireless devices near the dongle.

4. If the dongle is on the back of a PC tower, move it to a **front USB port.**

5. For Bluetooth, clear other paired controllers/headphones.

6. Check if the controller is entering **sleep mode** after 5 minutes of inactivity.

E. Controller Inputs Not Working Properly

1. Ensure the correct **Input Mode i**s selected (wired use):

   ◦ Hold **Back + Start (3 sec)** to switch:

      • **Yellow LED:** X-Input (recommended)

      • **Red LED:** D-Input

2. Restart the game - some games only detect controllers on launch.

3. Try the controller on another device to confirm hardware function.

4. On Windows, test in **Game Controller Settings:**

   ◦ Win + R → type: joy.cpl → Enter.

5. Reinstall controller drivers in Windows Device Manager:

   ◦ Right-click → Uninstall Device → Restart PC.

6. If buttons seem misconfigured, disable Turbo/Macro to avoid conflicts.

F. Joystick Drifting / Inaccurate Movement

The Lumora uses Hall Effect sticks, but calibration may be required.

Solutions:

1. Recalibrate using the built-in function:

   ◦ Turn OFF controller → Hold **Back + X + Home (1 sec).**

   ◦ Rotate joysticks clockwise 3 times.

   ◦ Press both triggers 3 times.

   ◦ Press **Start** to complete.

2. Check if **Joystick Range Modes** are affecting gameplay:

   ◦ Toggle via **L3/R3 + Macro.**

3. Ensure no dust or debris is trapped under the joystick caps.

4. Try using default joystick caps if aftermarket caps cause issues.

G. Triggers Not Responding / Too Sensitive

1. Check trigger mode:

   - **Analog Mode** → smooth progression

   - **Digital Mode** → instant actuation

2. In Digital Mode, press **PAIRING (P)** to switch sensitivity levels:

   - **30% → 60% → 100%** (vibrates once each change).

3. Restart the game after switching modes.

4. Reset calibration (see Section E or Controller Reset).

H. Vibration Not Working

1. Ensure vibration is enabled inside the game's settings.

2. Increase vibration level:

   - Press **R3 + Left Stick UP.**

3. Test vibration in another game/application.

4. For PC:

   - Ensure the game supports vibration in X-Input mode.

5. Try reconnecting the controller or switching connection mode.

I. RGB Not Changing / Stuck Lighting Mode

1. Ensure RGB is enabled:

   - Hold **Turbo + R3 (3 sec)** to toggle ON/OFF.

2. Cycle modes using:

   - **Turbo + R3** (effects)

   - **Turbo + L3** (colors)

3. Reset lighting to default by:

   - Power off controller → power on again.

4. Avoid pressing multiple lighting buttons too quickly.

J. Audio Through 3.5mm Jack Not Working

1. Ensure the controller is in **2.4GHz or Wired Mode**

   (audio is not available in Bluetooth mode).

2. Ensure the headset plug is fully inserted.

3. Test the headset on another device.

4. On PC, select headset as output device:

   ◦ Right click Sound Icon → Sound Settings → Select Output

5. For volume issues, check in-game audio settings.

K. Controller Not Detected in Games (PC)

1. Verify X-Input mode is active (Yellow LED).

2. Restart Steam/Epic Games/EA App.

3. Disable Steam Input Override:

   ◦ Steam → Library

   ◦ Right click game → Properties → Controller → "Disable Steam Input"

4. Update your Windows OS.

5. Check for conflicting drivers (e.g., Virtual controllers, DS4 tools).

6. Ensure no other controllers are connected simultaneously.

L. Windows Software Not Detecting Controller

1. Use **wired** or **2.4GHz** mode (software does NOT support Bluetooth).

2. Try using a different USB port (avoid front panel ports if unstable).

3. Close all background controller apps (X360CE, DS4Windows, Steam Big Picture, etc.).

4. Restart PC.

5. Reinstall the Cosmic Byte software from official website.

6. Ensure controller firmware is up-to-date.

M. Charging Issues

1. Ensure the USB-C cable supports **data + power** (some are charge-only).

2. Check if the LED breathes slowly - charging indicator.

3. Wiggle the connector gently to ensure a firm connection.

4. Try a different Type-C cable.

5. Avoid using fast-charging mobile adapters above **10W.**

6. Charge using a PC USB port or a 5V/1A charger.

N. Resetting the Controller (Last Resort)

If all troubleshooting fails:

1. Insert a pin into the **RESET** hole on the back.

2. Hold for **2 seconds.**

3. Reconnect using the desired mode (Bluetooth/2.4GHz/Wired).

This will NOT delete macros but may clear pairing data.

SAFETY AND MAINTENANCE

- Avoid moisture, heat, and direct sunlight.

- Do not disassemble or expose to fire.

- Use only 5V USB chargers.

- Clean using a soft, dry cloth.

- Keep out of reach of children.

SUPPORT DETAILS

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

WhatsApp Support: +91 7351615161

Email: cc@thecosmicbyte.com

WARRANTY

- The Lumora Tri-Mode Controller carries 1 year warranty against manufacturing defects only.

- Physical, water damage and tampered products are not covered under warranty.

Scan the QR Code to know the Warranty Claim Procedure.