

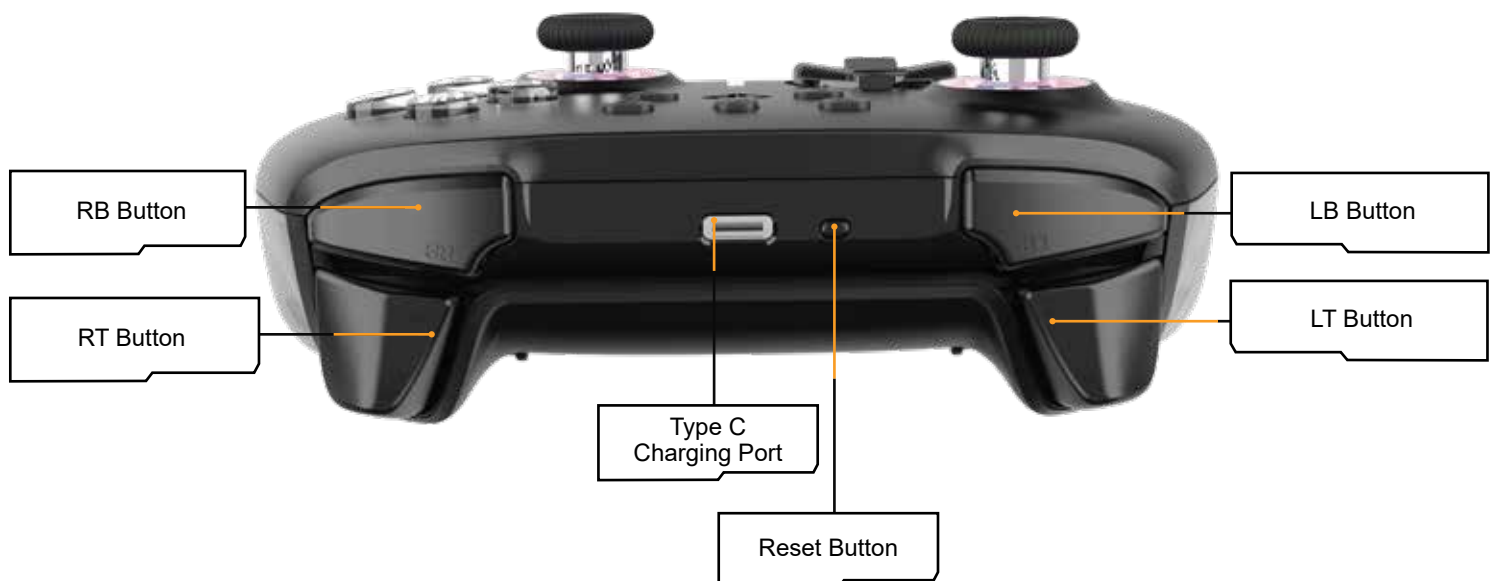
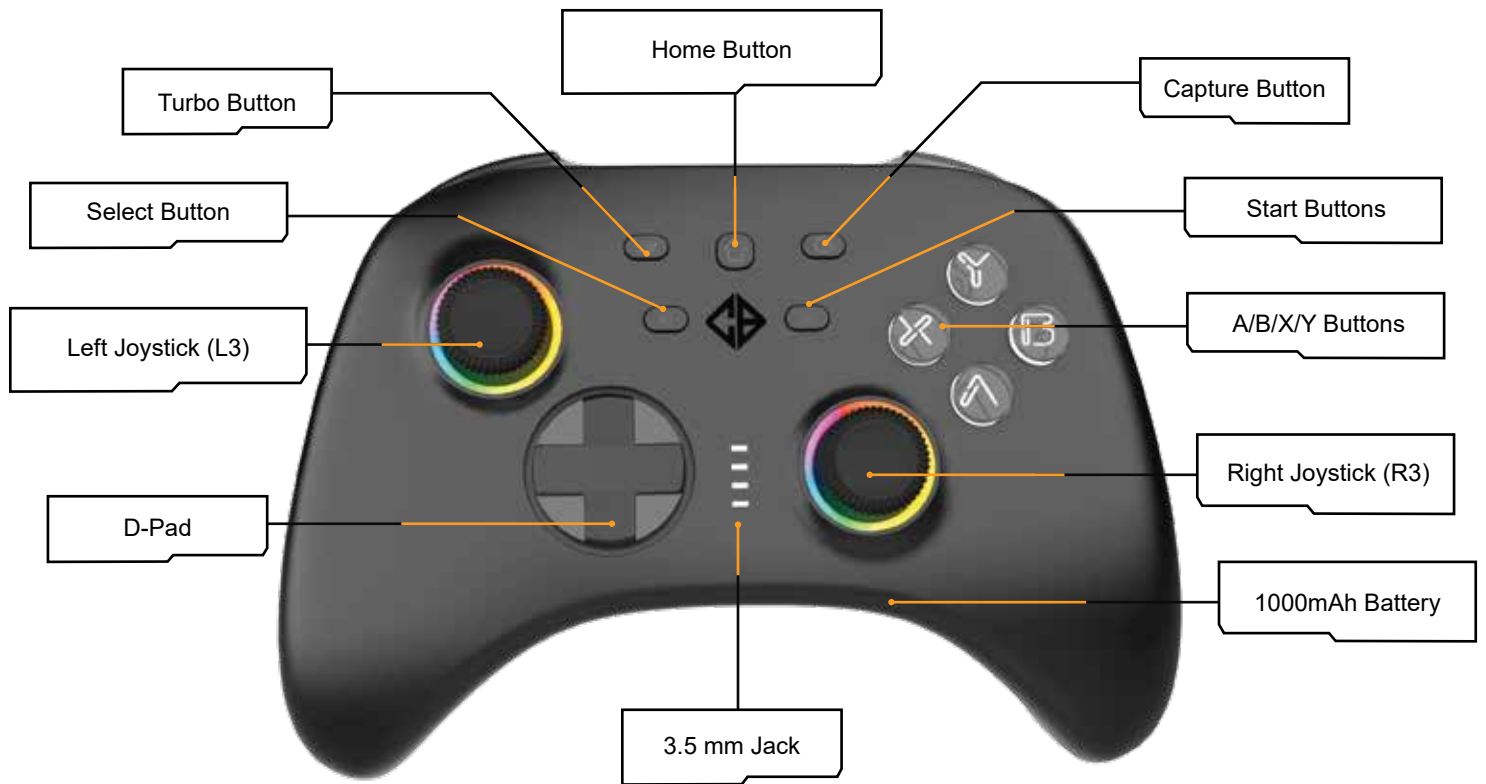
STELLARIS

TRI-MODE WIRELESS CONTROLLER



USER MANUAL

HIGHLIGHTS





Visit www.thecosmicbyte.com to download
the software for the controller

INTRODUCTION

Thank you for purchasing the **Cosmic Byte Stellaris Tri-Mode Wireless Controller**, a premium multi-platform gamepad designed for precision control, durability, and immersive gameplay.

The Stellaris supports **Wired, 2.4GHz Wireless, and Bluetooth connectivity**, allowing seamless use across **PC, Android devices, iOS devices, and macOS systems**. It features **drift-resistant sensor joysticks, Gyro (motion sensing)**, adjustable trigger modes, programmable macro buttons, Turbo functionality, RGB lighting effects, vibration control, and advanced calibration options.

Please read this manual carefully before use to ensure optimal performance and longevity.

PACKAGE CONTENTS

- Cosmic Byte Stellaris Controller
- USB Type-C Cable
- 2.4GHz Wireless Receiver
- User Manual

KEY FEATURES

- **Tri-Mode Connectivity:** Wired / 2.4GHz Wireless / Bluetooth
- **Multi-Device Compatibility:** PC, Android, iOS, macOS
- **Gyro (Motion Sensing) Support:** Available in Gyro Mode only
- **High-Precision next gen TMR Joysticks:** Drift-resistant design
- **Adjustable Trigger Modes:** Analog & Digital
- **Dual Vibration Motors:** Adjustable strength levels
- **Macro Support:** Two programmable back buttons (ML / MR)
- **Turbo Function:** Three adjustable speed levels
- **RGB Lighting System:** Multiple lighting effects & brightness control
- **High Polling Rate**
 - Wired / 2.4GHz: Up to 1000Hz
 - Bluetooth: 125Hz
- **Rechargeable Lithium Battery**
- **Smart Power Management & Auto Sleep**

BUTTON & CONTROL LAYOUT

The Cosmic Byte Stellaris features **22 physical buttons**:

- Directional Pad: UP / DOWN / LEFT / RIGHT
- Action Buttons: A / B / X / Y
- Shoulder Buttons: LB / RB
- Triggers: LT / RT
- Stick Press: L3 / R3
- Function Buttons: SELECT / START / HOME / TURBO / CAPTURE / RESET
- Back Buttons: ML / MR (Macro buttons)
- Dual Analog Joysticks

CONNECTIVITY MODES OVERVIEW

WIRED MODE

PLATFORM	INPUT MODE	HOW TO CONNECT (PRESS FOR 3 SEC)	LED STATUS
PC	X-Input	Plug into PC and press HOME to start	LED2 stays ON
	D-Input	Under X-Input, long-press HOME	LED3 stays ON
Android	D-Input	Plug into Android device and press HOME to start	LED3 stays ON
	X-Input	Under D-Input, long-press SELECT + HOME	LED2 stays ON
iOS	—	Not Supported	—

2.4GHZ WIRELESS MODE

PLATFORM	INPUT MODE	HOW TO CONNECT (PRESS FOR 3 SEC)	LED STATUS
PC	X-Input	Press X + HOME	LED2 stays ON
	D-Input	Under X-Input, long-press HOME	LED3 stays ON
Android	D-Input	Press X + HOME	LED3 stays ON
	X-Input	Under D-Input, long-press SELECT + HOME	LED2 stays ON
iOS	—	Not Supported	—

BLUETOOTH MODE

PLATFORM	INPUT MODE	HOW TO CONNECT (PRESS FOR 3 SEC)	LED STATUS
PC	X-Input	Press B + HOME	LED2 stays ON
	D-Input	Press A + HOME	LED3 stays ON
	Gyro Mode	Press Y + HOME	LED4 stays ON
Android	D-Input	Press A + HOME	LED3 stays ON
	X-Input	Press B + HOME	LED2 stays ON
	Gyro Mode	Press Y + HOME	LED4 stays ON
	Dualshock Mode	Press Turbo + HOME	LED1 stays ON
iOS	X-Input	Press B + HOME	LED2 stays ON
	Gyro Mode	Press Y + HOME	LED4 stays ON
	Dualshock Mode	Press Turbo + HOME	LED1 stays ON

Important Usage Notes

- Gyro Mode is exclusively available when using Bluetooth mode.
- Support for iOS is limited and may vary depending on the specific game or application.
- The LED indicators on the controller confirm both the active mode and the connection status.
- To switch modes, a long-press duration of 3 seconds is required.

3.5 MM AUDIO JACK (PC ONLY)

The controller features a 3.5 mm audio jack for headset connection. Audio output and microphone input are supported only in PC mode when using 2.4 GHz wireless or wired USB connection.

The audio jack is not functional in Bluetooth mode or on consoles/mobile devices.

LEFT / RIGHT TRIGGER MODE SWITCH

The Cosmic Byte Stellaris is equipped with a physical trigger mode switch that allows users to change how the L2 and R2 triggers respond, depending on the type of game being played. This switch controls whether the triggers work as analog triggers or digital (instant) triggers.

Analog Trigger Mode (Switch Flipped Inward)

- The trigger has a longer travel distance.
- Input is pressure-sensitive, meaning the trigger responds gradually based on how much it is pressed.
- Allows smooth and precise control over acceleration or braking.

Recommended for:

- Racing games
- Driving simulators
- Sports and simulation games

Digital Trigger Mode (Switch Flipped Outward)

- The trigger has a shorter travel distance.
- Trigger input is instant, functioning like a button press.
- Provides faster response time with no gradual input.

Recommended for:

- FPS games
- Action and competitive games
- Games requiring quick firing or instant actions

TURBO FUNCTION

1. Setting Turbo

- Hold **TURBO + A / B / X / Y / L1 / L2 / R1 / R2**

2. Turbo Speed Adjustment

- Level 1: 5 presses/sec
- Level 2: 12 presses/sec (Default)
- Level 3: 20 presses/sec
- **TURBO + Right Stick Right** → Increase speed
- **TURBO + Right Stick Left** → Decrease speed

3. Clear Turbo

- Hold **TURBO** for **5 seconds**

A / B / X / Y BUTTON SWAP FUNCTION

- Hold **TURBO + R3** for **3 seconds**
- Motor vibration confirms swap
- A ↔ B and X ↔ Y are swapped simultaneously

D-PAD AND LEFT STICK SWAP FUNCTION (PC MODE)

- Hold **START + L3** for **3 seconds**
- Motor vibration confirms function swap

STICK CIRCLE / SQUARE & 45-DEGREE ANGLE FUNCTION

- Hold **L3 + TURBO** for **3 seconds**
- Default: Circle Drawing Mode
- Square (45°) Mode improves diagonal accuracy
- Stick circle error percentage can reach **0%**

D-PAD 4-WAY / 8-WAY MODE

- Hold **SELECT + RIGHT** (D-pad) for **3 seconds**
- Single vibration → 4-Way Mode
- Continuous vibration → Default 8-Way Mode

STEAM MODE ON PC (WIRED)

The Cosmic Byte Stellaris supports a dedicated Steam-compatible input mode for seamless operation with Steam-based PC games.

How to Enter Steam Mode

- Ensure the controller is powered OFF.
- Press and hold R3 (press the right joystick down).
- While continuing to hold R3, connect the controller to the PC using the USB Type-C cable.
- Release R3 after the controller is connected.

Operation Details

- The controller will enter Steam Mode automatically.
- There is no need to press the **HOME** button after connecting.
- Steam Mode is activated only when using a wired USB connection.

Notes

- Steam Mode is recommended for games launched through the Steam client.
- To exit Steam Mode, disconnect the USB cable and reconnect the controller normally.
- Steam Mode settings are cleared after a Factory Reset.

KEYBOARD & MOUSE MODE (PC, 2.4G/WIRED ONLY)

On PC, simultaneously press and hold **TURBO + CAPTURE** for 3 seconds to enter wired keyboard & mouse mode. The controller can then be used as a keyboard and mouse. See the Key Mapping Table for details.

KEY MAPPING TABLE

Label / Function	Android mode	PC D-input wired mode	PC X-input wired mode	Keyboard Map
Button A	A	3	1	SPACE
Button B	B	2	2	C
Button X	X	4	3	F
Button Y	Y	1	4	R
D-pad UP	D-pad UP	POV UP	POV UP	W
D-pad RIGHT	D-pad RIGHT	POV RIGHT	POV RIGHT	D
D-pad DOWN	D-pad DOWN	POV DOWN	POV DOWN	S
D-pad LEFT	D-pad LEFT	POV LEFT	POV LEFT	A
L Stick Up	L Stick Up	L Stick Up	L Stick Up	W
L Stick Right	L Stick Right	L Stick Right	L Stick Right	D
L Stick Down	L Stick Down	L Stick Down	L Stick Down	S
L Stick Left	L Stick Left	L Stick Left	L Stick Left	A
LB	LB	5	5	Q
RB	RB	6	6	E
LT	LT	7	Z Axis R	Mouse Right
RT	RT	8	Z Axis L	Mouse Left
Left Stick Click	L3 (Press)	11	9	Shift
Right Stick Click	R3 (Press)	12	10	Middle Mouse
Select	SELECT	9	7	Caps
Start	START	10	8	Tab
Turbo	TURBO	TURBO	TURBO	TURBO
Capture	Capture	Capture	Capture	Capture
Home / Mode	HOME / MODE	13	13	ESC

MACRO PROGRAMMING (ML / MR)

- Hold **TURBO**, then hold **ML / MR** for **2 seconds**
- Record up to **22 inputs**
- Press **ML / MR** again to save

VIBRATION STRENGTH ADJUSTMENT

- **TURBO + Right Stick UP** → Increase
- **TURBO + Right Stick DOWN** → Decrease

Levels: 100% → 70% → 40% → OFF

(Default: 70%)

LIGHTING EFFECT ADJUSTMENT

The Cosmic Byte Stellaris features a multi-zone lighting system designed to enhance visual appeal while allowing full user control.

The lighting system is divided into two independent groups:

- **ABXY / HOME Button Lighting** (Single-color white LEDs)
- **RGB Lighting Under the Joysticks** (Individually controlled RGB LEDs) and **Controller RGB lights** (for transparent model only)

1. Turning Lighting ON / OFF

- Press and hold **LB + RB** simultaneously for 5 seconds.
- This toggles all lighting effects ON or OFF.

2. ABXY / HOME Button Lighting

- The **ABXY** buttons and **HOME** button use single-color white LEDs.
- A total of 5 white LEDs are used in this lighting group.
- These lights turn ON automatically and remain steadily lit when the controller is powered ON.
- **ABXY / HOME** lighting does not change color or mode.

3. RGB Lighting Under Joysticks (RGB1 – RGB6) and Controller RGB lights

(for transparent model only)

The controller features three RGB LEDs under each joystick, for a total of six independently controlled RGB LEDs.

A. RGB Main Mode Cycling

- Press **TURBO + SELECT** to cycle through the four RGB lighting modes.
- The default mode on power-up is **Rainbow Mode**

B. RGB Lighting Modes

- Rainbow Mode (Default)
 - All RGB lights display a smooth rainbow flowing effect.
- Color Cycle Mode
 - All RGB lights automatically cycle through the following colors:
Red → Orange → Yellow → Green → Cyan → Blue → Purple → White
- Single Color Breathing Mode
 - RGB lights breathe one color at a time.
 - Available colors:
Red → Orange → Yellow → Green → Cyan → Blue → Purple → White
 - Each color breathes for approximately 3 seconds before switching to the next.
- Fixed Color Manual Adjustment Mode
 - RGB lights stay fixed on a single selected color.
 - Available colors:
Red → Orange → Yellow → Green → Cyan → Blue → Purple → White
 - Press TURBO + RIGHT (D-pad) to switch to the next color manually.

RGB BRIGHTNESS ADJUSTMENT

- Hold **TURBO + UP (D-pad)** to increase brightness.
- Hold **TURBO + DOWN (D-pad)** to decrease brightness.

Brightness Levels:

- 100%
- 80% (Default)
- 25%
- 0% (OFF)

The controller remembers the last selected brightness level.

Important Notes – Lighting System

- ABXY / HOME lighting and RGB joystick lighting are controlled separately.
- Turning off lighting does not affect controller performance or battery safety.
- Lighting settings are cleared during Factory Reset.

CALIBRATION

- Power OFF controller
- Hold **CAPTURE + HOME**
- Rotate both sticks 3 times
- Press triggers fully 3 times
- Press **A** to confirm

POWER MANAGEMENT

- Wake: Press HOME
- Auto Sleep: 30 sec (not connected), 5 min (inactive)
- Manual Sleep: Hold HOME for 5 sec
- Power Off: Press RESET

BATTERY INDICATION

Press CAPTURE + START to view battery level (shown for 3 seconds):

LEDs return to channel display after 3 seconds.

LED STATUS	BATTERY LEVEL
LED1	1–25%
LED2	26–50%
LED3	51–75%
LED4	76–100%

HARDWARE RESET

The Cosmic Byte Stellaris includes a hardware reset function to recover the controller from unresponsive behaviour or connection issues.

How to Perform Hardware Reset

- Locate the **RESET** button next to the **USB Type-C port** on the controller.
- Press and hold the **RESET** button for more than **1 second**.

Result

- The controller performs a hardware reset immediately.
- After the reset, the controller enters sleep state automatically.
- User settings are not deleted during a hardware reset.

Hardware reset is recommended if the controller does not power on, fails to connect, or behaves abnormally.

CONSOLE COMPATIBILITY DISCLAIMER

This controller is not supported on any gaming console. There is no warranty, service, or technical support provided for use with consoles. The controller is specifically designed and optimized for PC use, and functionality on consoles is neither intended nor guaranteed. Any attempt to use the controller with a console is done at the user's own risk.

FACTORY RESET

(Settings are cleared after reset)

Factory Reset restores the Cosmic Byte Stellaris to its default factory configuration by clearing all custom settings.

How to Perform Factory Reset

- Ensure the controller is powered ON.
- Press and hold **SELECT + L3 + R3** simultaneously for 5 seconds.
- The controller will reset automatically.

Factory Reset Clears the Following Settings

- All TURBO button assignments
- TURBO speed level settings
- Motor vibration strength settings
- All AUTO / continuous input functions
- Stick circle / square (45°) mode settings
- D-pad and Left Stick swap settings
- A / B / X / Y button swap settings
- Keyboard & Mouse mode (PC)
- Stick center deadzone (restored to default)
- All macro definitions (ML / MR)
- Mode switching settings (restored to default)
- All RGB lighting effects and brightness settings

After Factory Reset

- The controller restarts with default factory settings.
- Re-pairing with devices may be required.

SOFTWARE SUPPORT

Set up your device with Cosmic Byte Orbit.

Your Cosmic Byte product is fully configurable through Orbit, our free browser-based configurator. There is nothing to download or install — connect your device and set it up right in your web browser.



- Connect your device to the computer (cable or 2.4 GHz dongle).
- **Scan the QR code, or visit orbit.thecosmicbyte.com.**
- Select your device when it appears.
- Adjust your settings and Apply — they save to the device.

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

WARRANTY

The Stellaris Tri-Mode controller carries 1 Year warranty against manufacturing defects only.

Physical, Water damage and Tampered products are not covered under warranty.

Regular wear and tear from battery usage is not covered under warranty.



Scan the QR code to know the Warranty Claim Procedure.