Cosmic Byte®

switch to **GOD MODE**

DRAKON

WIRELESS CONTROLLER

USER MANUAL

HIGHLIGHTS

Home Button

Select Button

Start Button

Capture Button

Left Joystick (L3)

A/B/X/Y Buttons

D-Pad

Right Joystick (R3)

Turbo Button

FNR

FNL

3.5mm Audio jack

Travel Switch
Button

Reset Hole

ML Button

MR Button

Charging Pin

USB-C Port

RB Button

LB Button
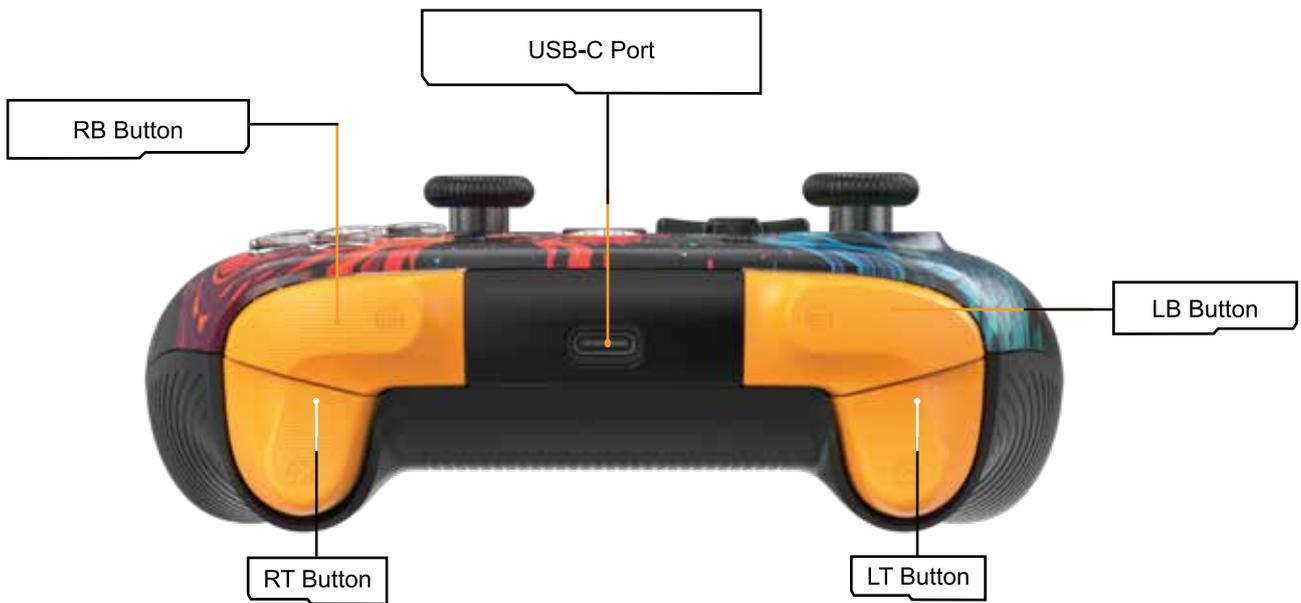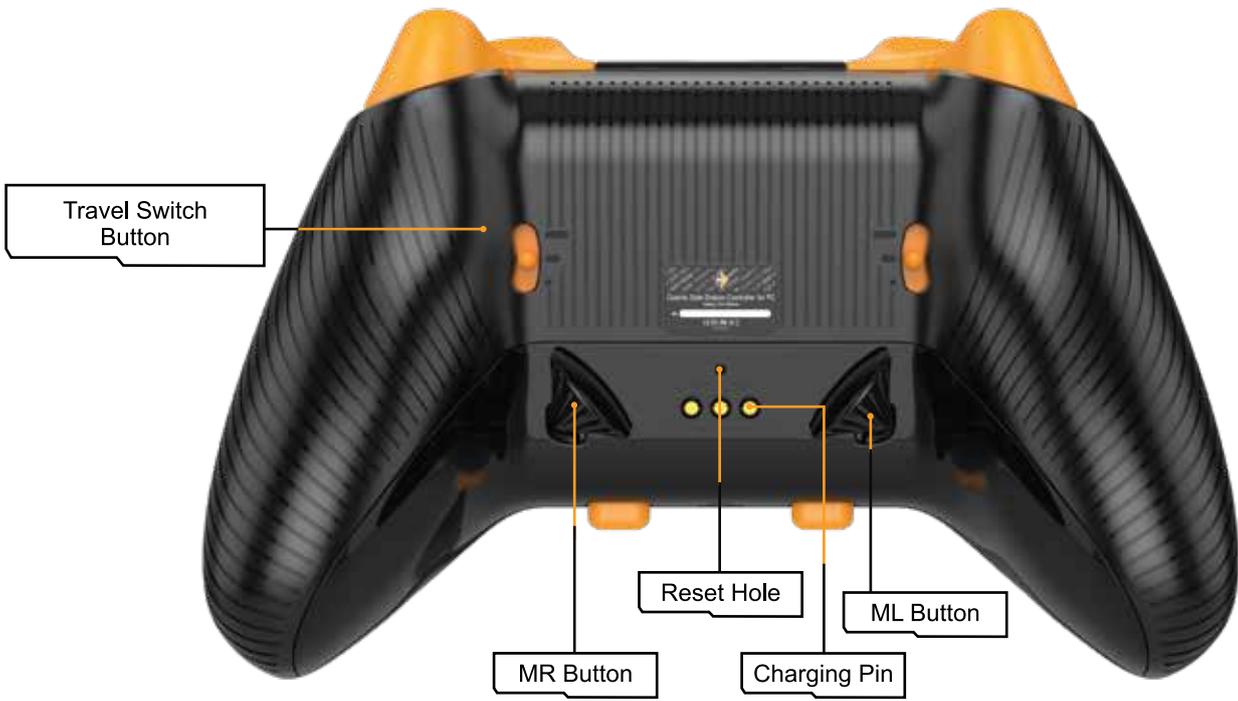
RT Button

LT Button

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

INTRODUCTION

Thank you for choosing the **Cosmic Byte Drakon Controller**, engineered with precision components, TMR joysticks, mechanical switch buttons, RGB lighting, macro functionality, and modular hardware.

The Drakon is built for gamers who demand:

- Accurate joystick tracking

- Fast and crisp mechanical button input

- Customizable triggers

- Programmable macros

- Multiple connectivity modes

- Interchangeable parts and magnetic covers

- Charging dock convenience

This detailed manual explains every function clearly and step-by-step.

PACKAGE CONTENTS

Your Drakon kit includes:

1. **Drakon Wireless Controller**
2. **2.4G USB Dongle**
3. **USB-A to USB-C Cable (2m)**
4. **Charging Dock**
5. **Carrying Case**
6. **3 Magnetic Top Covers**
7. **2 Additional D-Pads**
    - Precision D-Pad
    - Circular/Disc D-Pad
8. **2 Extra Joystick Tops**
9. **User Manual**

REPLACEABLE MAGNETIC TOP COVER SYSTEM

The Drakon allows cosmetic customisation using magnetic covers.

To remove the top cover:

- Locate the slight gap or lift point near the front edge.
- Insert your finger under the edge and gently pull upward.
- Magnets will release, lifting the cover off smoothly.

To install a cover:

- Align the new top cover with the controller's frame.
- Lower it gently onto the surface.
- The magnetic locks automatically secure it.

Dongle Storage

Under the top cover is a **dedicated storage slot:**

- Insert the 2.4G dongle into the slot when traveling.
- The dongle clicks into place and will not fall out.

EXTRA D-PADS & JOYSTICK TOPS

Changing the D-Pad

- Grip the current D-pad.
- Pull upward to detach.
- Align the replacement D-pad.
- Press down until it locks in place.

Changing Joystick Tops

- Hold the joystick stem firmly.
- Pull the existing top straight up.
- Push the new joystick top onto the stem until it snaps.

Benefits:

- Precision D-pad → Fighting & platformers
- Disc D-pad → Racing & casual play
- Joystick tops → Comfort or enhanced grip

CHARGING THE CONTROLLER

Charging with the Dock

- Connect the dock to USB power.
- Place the controller onto the magnetic contacts.
- Dock LED On → Charging
- Dock LED Off → Fully charged

Charging with Cable

- Connect USB-C cable to controller.
- Plug into any 5V USB power source.
- LED Blinking → Charging
- LED Steady → Fully charged

Battery Behavior

- RGB lights turn off when battery is low
- Vibration may reduce or disable automatically
- Battery life: **8–20 hours** depending on usage

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.

CONNECTIVITY GUIDE

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, FNR + HOME	LED3 stays ON
Android	D-Input	Plug into Android device and press HOME to start	LED3 stays ON
	X-Input	Under D-Input, FNR + 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, FNR + HOME	LED3 stays ON
Android	D-Input	Press X + HOME	LED3 stays ON
	X-Input	Under D-Input, FNR + HOME	LED2 stays ON
	Mouse Mode	CAPTURE + R3 for 5 seconds A = Left Click B = Right Click	LED3 Stays ON LED4 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
iOS	X-Input	Press B + HOME	LED2 stays ON
	Gyro Mode	Press Y + HOME	LED4 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.

HOME BUTTON FUNCTIONS

ACTION	HOW TO PERFORM	RESULT
Wake Controller	Press HOME	Turns on controller
Force Pairing	Hold 3 sec	LED flashes, pairs
Sleep Mode	Hold 5 sec	Turns off controller
Toggle X/D	Hold 3 sec (2.4G PC)	Switch input type

TURBO MODE (STEP-BY-STEP)

Buttons that support Turbo:

A, B, X, Y, LB, RB, LT, RT

Set Turbo (Semi-Auto):

- Press **TURBO**
- Press the desired button once
- Release

  → Turbo enabled

Set Turbo (Full Auto):

Repeat the same input again.

Turn Off Turbo for a Button

Repeat the same input again.

Turbo Speed Levels

Press **FNL + Turbo** then move **Right Joystick Left/Right**

- Slow: 5 shots/sec
- Medium: 15 shots/sec
- Fast: 25 shots/sec

Clear All Turbo Settings

Hold **FNR + Turbo (5 seconds)** → Vibration confirms reset

VIBRATION ADJUSTMENT

Hold **FNL + Right Joystick Up/Down** to cycle through:

- Off

- Low

- Medium

- High

Vibration feedback confirms each level.

RGB LIGHTING SYSTEM

The Drakon includes **RGB under both joysticks** and controller body.

Change RGB Mode

Press **FNL + SELECT,** cycling through:

- Rainbow mode

- 7-color gradient

- Breathing effect

- Fixed color mode

Change Color (Fixed Mode)

Press **FNR + START**

Colors: Red → Orange → Yellow → Green → Cyan → Blue → Purple → White

Brightness Control

- Increase → **FNR + D-Pad Up**

- Decrease → **FNR + D-Pad Down**

Turn Off All RGB

Hold **LT + RT (5 seconds)**

TRIGGER LOCK SYSTEM (3-LEVEL ADJUSTMENT)

(L-DKEY1, L-DKEY3, R-DKEY1, R-DKEY3)

Positions & Signal Type

Each trigger (LT / RT) is equipped with an independent 3-position travel limit switch:

- Position 1 – Shortest Travel
  - Digital signal output.
  - The trigger functions as a simple ON/OFF button.

- Position 2 – Medium Travel
  - Analog signal output.
  - Approximately 50% of full trigger travel is available.

- Position 3 – Longest Travel
  - Analog signal output.
  - 100% of full trigger travel is available.

Digital vs. Analog Signal

In certain games (for example, racing titles):

- Digital signal:
  - The action is either fully inactive or fully active (e.g., car acceleration is either off or at maximum, with no gradual control).

- Analog signal:
  - The action responds proportionally to how far the trigger is pressed (e.g., light press for slow acceleration, full press for maximum speed).

MACRO BUTTONS (ML–MR) — DETAILED GUIDE

The Drakon includes **two programmable macro buttons:**

- **ML / MR → Back side**

Macros can store **up to 22 inputs,** including delays.

Programmable Inputs: D-pad, ABXY, LB/RB, LT/RT, L3/R3, LX/LY Axis, RX/RY Axis

A. Enter Macro Recording Mode

- For ML → **FNL + ML**
- For MR → **FNR + MR**

Controller vibrates once.

B. Recording a Macro

- Enter macro mode.
- Press your sequence of buttons.
- Delays between presses are recorded automatically.
- Press the SAME M-button to save.
- Short vibration confirms completion.

C. Clear a Macro

Enter macro mode → press the same M-button with **no inputs** → vibration confirms deletion.

D. Interrupting a Macro

Press **ANY** non-macro button.

FACTORY RESET (TURBO / VIBRATION / MACRO)

Press and hold L1 + R1 + L2 + R2 + L3 + R3 simultaneously.

The controller will vibrate for 1 second to confirm the reset, restoring all Turbo, Vibration, and Macro settings to their factory defaults.

CUSTOMISATION SETTINGS

A. Swap Joystick Round/Square Angle Mode

Hold **L3 + TURBO (2 seconds)**

B. Swap Left Joystick ↔ D-Pad

Hold **L3 + CAPTURE (2 seconds)**

C. Swap A/B/X/Y Layout

Hold **TURBO + R3 (2 seconds)**

D. D-Pad 4-Way / 8-Way Mode Switch

Hold **Select + D-Pad Right (3 seconds)**

JOYSTICK CALIBRATION (TMR SYSTEM)

When to Calibrate

- Slight drift

- After firmware updates

- After physical impact

Calibration Steps

- Turn OFF the controller.

- Hold **CAPTURE,** then press **HOME** to power ON.

- LED1 blinks→ Calibration Mode.

- Press **A** to begin. LED 2 blinks.

- Rotate both joysticks **three full circles.**

- Press LT and RT **three times each.**

- Press **A** again to save & exit.

- LED returns to normal.

SLEEP MODE & POWER MANAGEMENT

Auto Sleep

• No activity for **5 minutes**

• Disconnected from dongle for **30 seconds**

Wake Up

Press **HOME**

RESET FUNCTION

If controller becomes unresponsive:

• Use a pin or thin tool.

• Press and hold **RESET** for 1 second.

• Controller restarts normally.

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.

SAFETY & CARE INSTRUCTIONS

• Use only 5V charging adapters

• Do not expose to water or temperature extremes

• Clean with soft dry cloth

• Store in the provided carrying case

• Replace covers carefully—do not force magnets

• Do not disassemble internal electronics

TROUBLESHOOTING & FAQS

1. Controller Does Not Power ON

Possible Causes

- Battery fully drained
- Controller in sleep mode
- Firmware or internal state error

Troubleshooting Steps

- Connect the controller to a **USB power source** using the supplied cable.
- Leave it charging for **at least 20 minutes.**
- Press **HOME** once.
- If no response:
  - Insert a pin and hold **RESET (1 second).**
  - Retry powering ON.
  - Test using **wired mode** to rule out wireless issues.

2. Controller Not Charging

Possible Causes

- Improper dock placement
- Faulty cable or adapter
- Dirty charging contacts

Troubleshooting Steps

Using Charging Dock

- Ensure dock is connected to power.
- Align controller properly with dock pins.
- LED blinking = Charging
- LED solid = Fully charged

Possible Causes

- Use a **5V USB adapter only.**

- Try a different USB port or cable.

- Clean charging pins gently with a dry cloth.

3. Controller Not Detected on PC / Mobile

For Wired Mode

- Use a **data-capable USB cable.**

- Try another USB port.

- On Android, ensure **OTG is enabled.**

- Press **HOME** after connecting.

For 2.4G Wireless Mode

- Insert dongle properly.

- Press **X + HOME.**

- LED2 should remain solid.

- If not detected:

  ◦ Remove dongle

  ◦ Press RESET

  ◦ Reinsert dongle and retry

For Bluetooth Mode

- Remove existing "Cosmic Byte Drakon" from Bluetooth list.

- Power OFF controller.

- Enter pairing mode again (A + HOME, B + HOME or Y + HOME).

- Pair fresh from Bluetooth settings.

4. Bluetooth Pairing Fails or Disconnects Frequently

Possible Causes

- Low battery

- Interference from other Bluetooth devices

- Incorrect Bluetooth mode

Troubleshooting Steps

- Fully charge the controller.

- Keep within **1–2 meters** during pairing.

- Disable Bluetooth on nearby unused devices.

- Try switching Bluetooth mode:

    ◦ PC → **B + HOME**

    ◦ Mobile → **A + HOME**

- Restart the host device and retry.

5. Buttons Not Working / Wrong Button Mapping

Possible Causes

- Incorrect input mode (X/D)

- Button layout swapped accidentally

Troubleshooting Steps

- Switch input mode:

    ◦ Hold **FNR + HOME (3 seconds)** in 2.4G PC mode

- Reset button layout

    ◦ Hold **TURBO + R3 (2 seconds)** to restore ABXY

- Check in-game control settings.

- Test using another game or controller tester software.

6. Joystick Drift or Inaccurate Movement

Possible Causes

- Calibration required
- Physical shock or impact

Solution: Recalibrate Joysticks

- Power OFF controller.
- Hold **CAPTURE,** then press **HOME.**
- LED flashes → Calibration mode.
- Press **A** to start.
- Rotate both joysticks **3 full circles.**
- Press **LT & RT three times each.**
- Press **A** again to save.

7. Triggers Not Responding Properly

Possible Causes

- Trigger lock set to short travel
- Digital trigger mode active

Troubleshooting Steps

- Check trigger lock switch under LT/RT.
- Move to **Level 3 (Full Travel)** for analog games.
- Test triggers in a game or controller test tool.

8. Vibration Not Working

Possible Causes

- Vibration disabled
- Game does not support vibration

Troubleshooting Steps

- Hold **FNL + Right Joystick Up/Down.**
- Set vibration to Medium or High.
- Ensure vibration is enabled in game settings.
- Try another game to confirm hardware function.

9. RGB Lights Not Turning ON

Possible Causes

- RGB manually disabled
- Low battery

Troubleshooting Steps

- Increase brightness:
  - **FN + D-Pad Up**
- Cycle RGB modes:
  - **FN + SELECT**
- Turn RGB ON:
  - Hold **LT + RT (5 seconds)** again
- Charge the controller fully.

10. Macro Buttons Not Working

Possible Causes

- Macro not recorded correctly
- Incorrect macro key used

Troubleshooting Steps

- Re-record macro:
  - FNL/FNR + Macro button
- Save by pressing the **same macro button again.**
- Ensure macro length ≤ 22 inputs.
- Clear macro if needed and retry.

11. Controller Auto Turns OFF

Explanation (Normal Behavior)

- Auto sleep after **5 minutes inactivity**
- Disconnects after **30 seconds without dongle**

Solution

- Press **HOME** to wake up
- This feature helps preserve battery life

12. Controller Becomes Unresponsive / Frozen

Emergency Reset

- Use a pin or thin tool.
- Press **RESET** for 1 second.
- Controller restarts.
- Reconnect using desired mode.

13. Dongle Not Working or Lost

Troubleshooting

- Store dongle under magnetic top cover when not in use.
- If dongle not detected:
  - Reset controller
  - Reinsert dongle
- Replacement dongles are **model-specific** and must match Drakon.

SUPPORT DETAILS

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

WhatsApp Support: +91 7351615161

Email: cc@thecosmicbyte.com

WARRANTY

- The Drakon wireless 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.