



# ECLIPSE

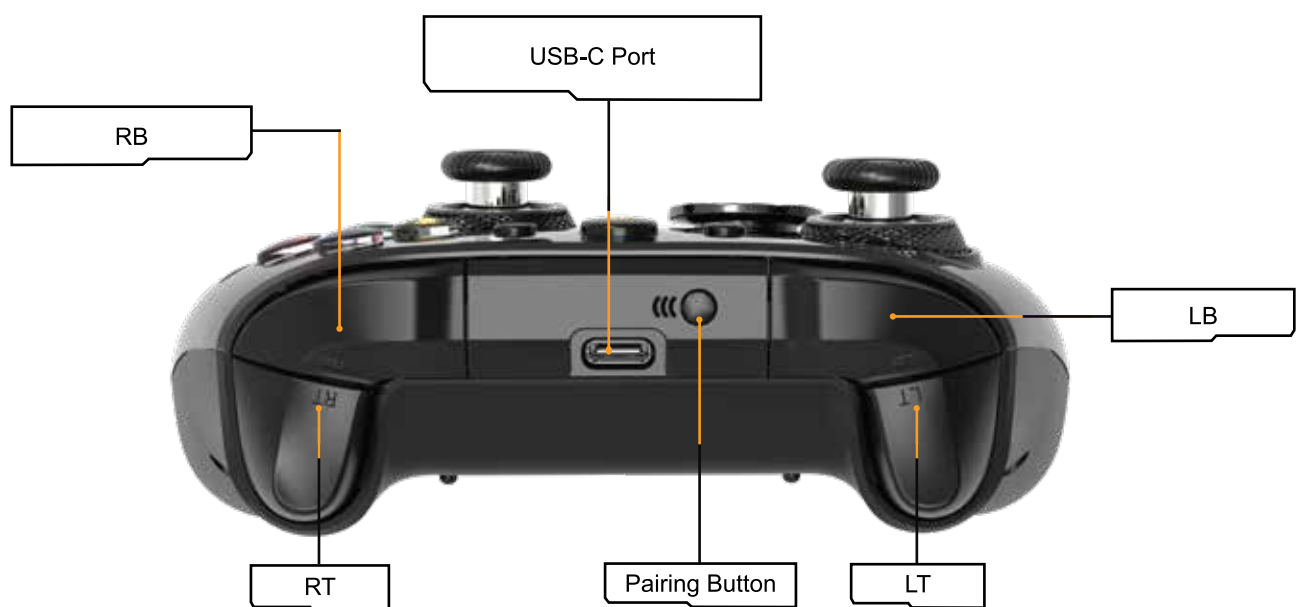
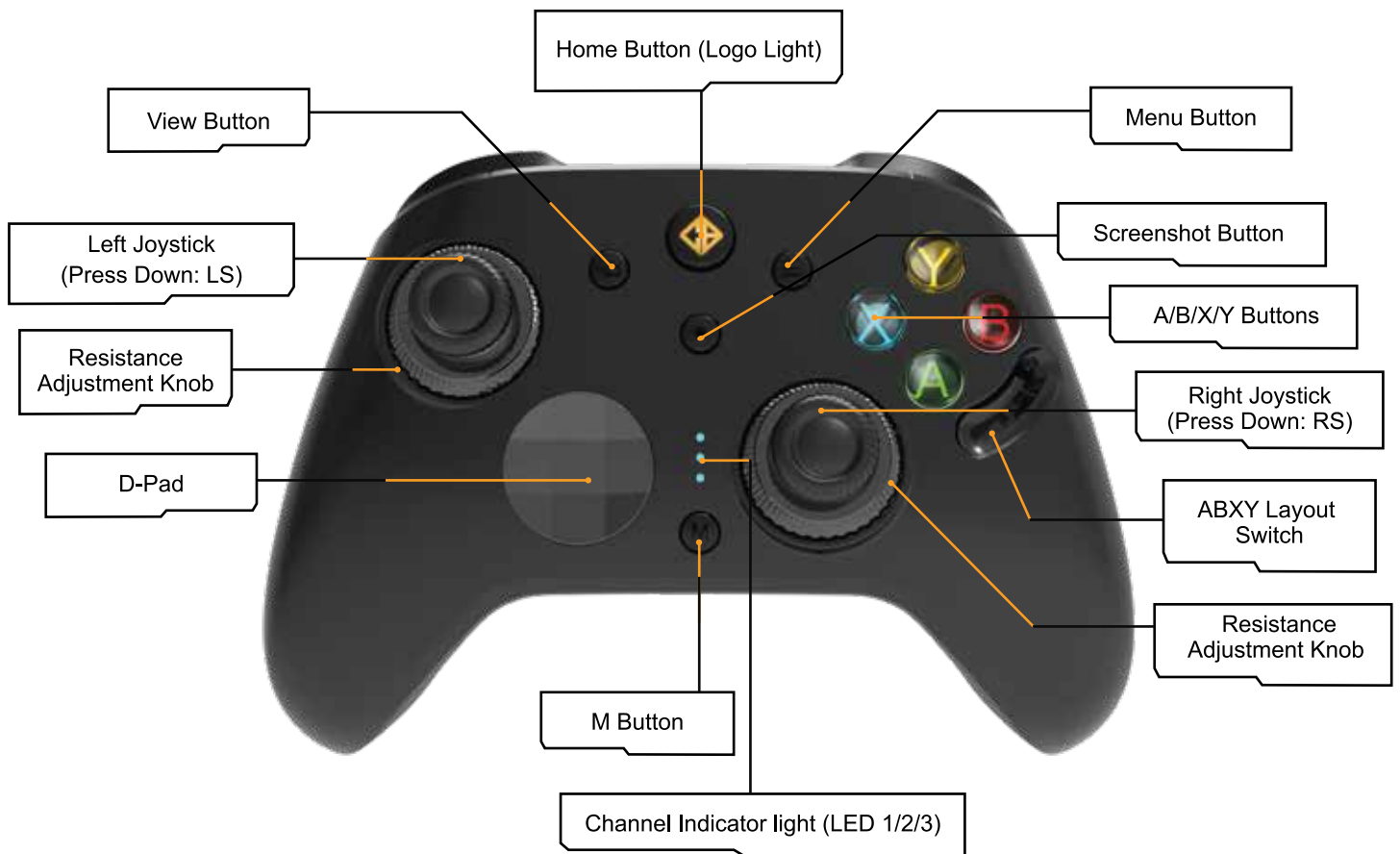
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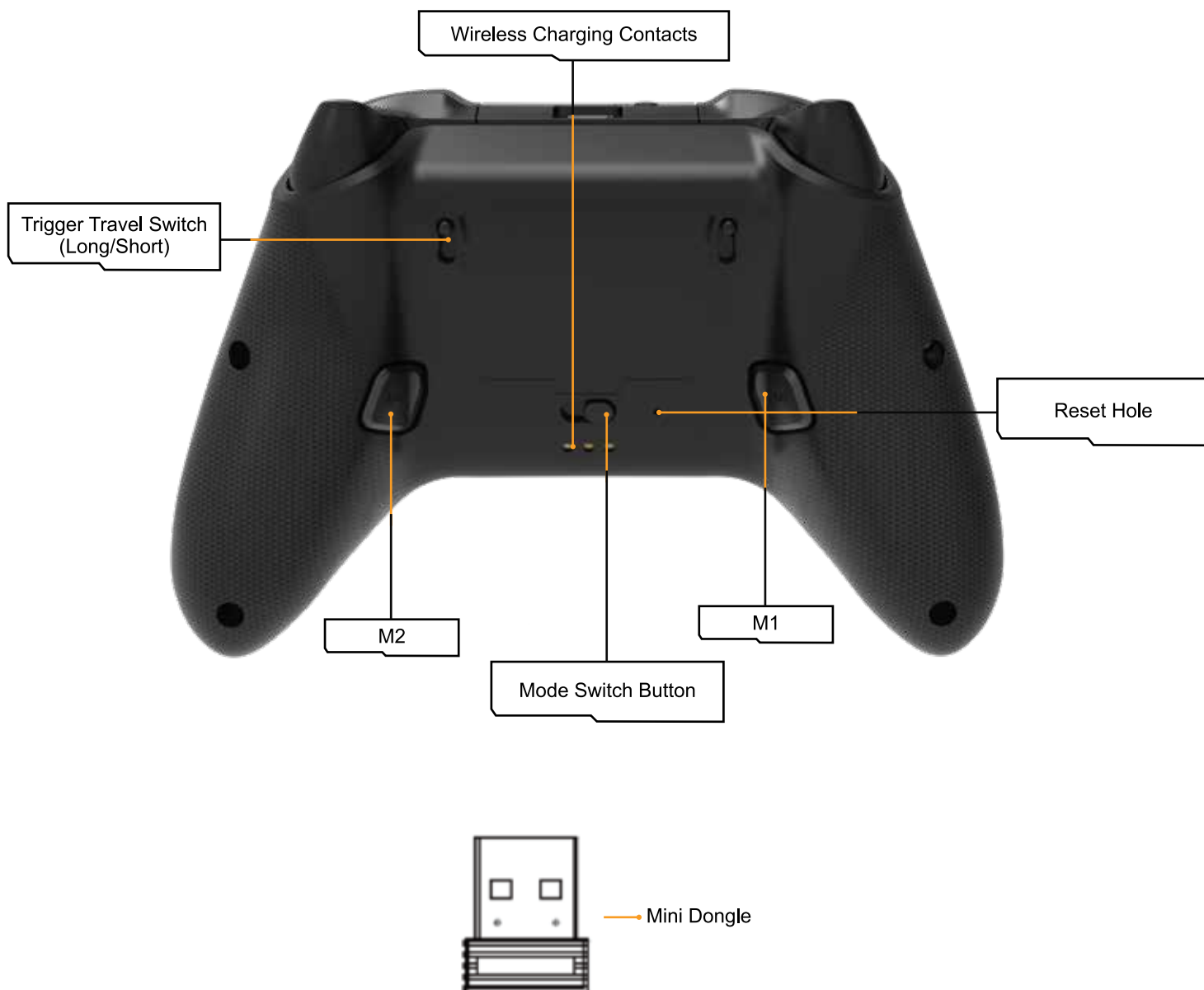
TRI MODE CONTROLLER



**USER MANUAL**

# HIGHLIGHTS





**Mode Switching Position:** From left to right: Bluetooth - 2.4G - NS (Xinput Bluetooth, 2.4G Receiver, Switch)



## PRODUCT OVERVIEW

Supports 2.4GHz Wireless, Bluetooth, and Wired (USB Type-C) connection modes. Compatible with PC, Android, iOS (iOS 13.0 and above with MFi-supported games), and other Bluetooth-enabled devices.

## OPERATION INSTRUCTIONS

### 1. HOME CB Indicator Light

- Blue - iOS and Android
- Orange - 2.4G Mode

### 2. First-Time Connection

#### • 2.4G Wireless Mode

- Set the mode switch toggle to 2.4G (Middle).
- Plug the USB receiver into your device.
- While the controller is powered off, press and hold the Pairing button for 3 seconds.
- The logo indicator will flash rapidly. Once it turns solid and the controller vibrates briefly, the connection is successful.

#### • Bluetooth Mode

- Set the mode switch toggle to Bluetooth (Left).
- While powered off, press and hold the Pairing button for 3 seconds.
- The logo indicator will flash rapidly.
- On your device (PC/Android/iOS), enable Bluetooth and select 'Xbox Wireless Controller'.
- When the logo light turns solid and the controller vibrates, the pairing is complete.

#### • Wired Mode

- Connect the controller to your device using the included USB Type-C cable.
- Wired mode activates automatically when connected.

### 3. Reconnection

To reconnect to the last paired device (with the same mode), short-press the Home button.

### 4. Joystick Adjustment

- **Dead Zone Toggle:**
  - Press and hold Left and Right Stick (LS/RS) for 5 seconds to switch between 5% and 0% deadzone.
  - Controller will vibrate to confirm the change.
- **Active Zone Shape Toggle:**
  - Press and hold M + LS or RS for 5 seconds to toggle between 10% square zone and 0% circle zone.

### 5. Turbo and Continuous Fire

- **Manual Turbo**
  - Press **M + A** while holding the A button to enable manual turbo (continuous fire).
  - Logo light will flash red rapidly.
- **Auto Turbo**
  - Press **M + A** again to switch to auto turbo. Press again to cancel turbo.
  - A single press of A will now fire continuously.
- **Clean all Turbo**
  - Press **M** button twice and hold **M** for 5 secs, controller will vibrate & clean all Turbo settings.
- **Turbo Speed Adjustment**
  - Hold **M + Right Stick Up/Down** to increase or decrease turbo speed.
  - Vibration feedback indicates change.



**Note:** Turbo can be assigned to A/B/X/Y/LB/LT/RT/D-pad only.

### 6. ABXY Lighting Adjustment

- Press **M + Right Stick Left and Right** to adjust brightness.
- **4 Brightness Levels:** 0% → 30% → 70% → 100%

## 7. Vibration Intensity Adjustment

- Press and hold **M + Right Stick Up** to increase vibration intensity.
- Press and hold **M + Right Stick Down** to decrease.
- **4 Levels:** 0% (off) → 30% → 70% → 100%

## 8. ABXY Layout Switch

- Use the layout switch on the front to toggle between **XBOX-style** and **Alternate-style** layouts.

## 9. Rapid Trigger Adjustment

- Adjust LT/RT trigger travel distance using the trigger mode switch on the back for quick/short press functionality.

## 10. Calibration

### • Stick & Trigger Calibration

- Power on the controller.
- **Hold View + M + Menu** for 3 seconds to enter calibration.
- **LED1** and **LED3** will flash.
- Rotate both sticks clockwise 3 full turns.
- Fully press both triggers 3 times.
- Switch triggers to short travel mode, then press them fully 3 more times.
- Press **View** to exit.
- **LED1** and **LED3** will stay solid for 5 seconds before powering off.

### • Gyroscope Calibration

- Power off the controller and place it on a flat surface.
- Hold **View + A + B + Home** to enter gyro calibration.
- **LED1** and **LED2** will flash.
- After 1 second, press **Menu** to complete calibration. LEDs will turn off.
- Calibration must be performed in XBOX (ABXY) layout mode.

## 11. Macro Programming (M1/M2 Buttons)

- While connected, hold **M + M1 or M2** for 3 seconds to enter programming mode.
- Press the desired button to assign (e.g., A, B, etc.).
- Press **M1** or **M2** again to save and exit.

⚠ **Note:** If no button is selected, M1/M2 will be blank.

Upto 21 Programmable buttons: A/B/X/Y/D-pad/LB/RB/LT/RT/L3/R3/Menu/View/Joysticks

## 12. Power Off

- Hold the **Home button** for 5 seconds to power off.
- Auto power-off after **10 minutes of inactivity**.

## 13. Controller Reset

- Use a small pin to press the **Reset** hole to restore factory settings.

## 14. Joystick Force Adjustment (Roller-Based)

- The Cosmic Byte Eclipse controller features adjustable joystick tension using a built-in **roller mechanism**, follow the steps below to customize the joystick force according to your preference:

### Adjusting the Joystick Force:

- Locate the **joystick roller** at the base of each analog stick.
- **To increase joystick resistance**, rotate the roller **clockwise**.
- **To decrease joystick resistance**, rotate the roller **counter-clockwise**.
- Make adjustments gradually and test after each rotation to find your preferred

⚠ **Note:** The roller mechanism allows for fine-tuning of joystick stiffness for better precision or quicker flick response in different game types (e.g., FPS vs Racing).

## MOBILE APP DOWNLOAD

Download and install the “KeyLinker” App from the Google Play Store or Apple App Store for advanced customization and controller adjustments.

## TROUBLESHOOTING

### **Q1: My controller is not turning on. What should I do?**

A: The battery might be completely drained. Please charge the controller using the provided USB Type-C cable for at least 30 minutes. If it still doesn't power on, try using a different USB port or cable to verify the power source.

### **Q2: The controller is not connecting through Bluetooth. How can I fix it?**

A: Make sure the mode switch is set to Bluetooth (Left position). Press and hold the Pairing button for 3 seconds until the logo indicator flashes rapidly. On your device, enable Bluetooth and select “Xbox Wireless Controller.” If the controller still doesn't connect, delete any old pairing entries, then try again. If the issue persists, use a small pin to press the Reset hole and retry pairing.

### **Q3: The controller is not connecting in 2.4G wireless mode. What should I do?**

A: Ensure the 2.4G receiver dongle is properly inserted into the device's USB port (avoid USB hubs). Switch the mode toggle to 2.4G (Middle position). Hold the Pairing button for 3 seconds — when the logo light turns solid and the controller vibrates, the connection is complete.

### **Q4: The controller doesn't vibrate during gameplay.**

A: Vibration may be turned off or set to 0%. Hold M + Right Stick Up to increase the vibration intensity. If vibration still doesn't work, reconnect the controller and check again.

### **Q5: My joysticks are drifting or not responding properly.**

A: Perform a Stick & Trigger Calibration: Hold View + M + Menu for 3 seconds → rotate both sticks clockwise 3 full turns → fully press both triggers 3 times → press View to exit. If movement feels too stiff, reduce joystick resistance by rotating the joystick roller counter-clockwise.



**Q6: The triggers (LT/RT) are not functioning correctly.**

A: Check the Trigger Mode Switch on the back and toggle between long and short travel modes. Re-run the Stick & Trigger Calibration to re-align trigger response.

**Q7: Some buttons are not working or behave oddly.**

A: Turbo or macro may be active. Cancel turbo by pressing M + A a third time. To clear macros, hold M + M1/M2 for 3 seconds and exit without assigning any key.

**Q8: The controller LEDs are flashing continuously or behaving erratically.**

A: Hold the Home button for 5 seconds to power off. Press the Reset hole once using a pin to restore factory settings. Reconnect the controller in your preferred mode.

**Q9: The gyroscope is not responding correctly.**

A: Ensure the controller is set to XBOX (ABXY) layout. Hold View + A + B + Home to enter gyro calibration. Wait for LEDs 1 and 2 to flash, then press Menu to complete calibration.

**Q10: The ABXY buttons don't match in-game actions.**

A: Use the ABXY Layout Switch on the back to toggle between XBOX-style and Alternate-style button layouts depending on your game configuration.

**Q11: The battery drains quickly.**


A: High vibration levels or continuous turbo use can reduce battery life. Lower vibration using M + Right Stick Down. Disable turbo when not required to extend playtime.

**Q12: I want to restore the controller to its original factory settings. How can I do that?**

A: Use a small pin to press the Reset hole on the back of the controller. This will clear all saved configurations and restore factory defaults.

## PRODUCT SPECIFICATIONS

ITEM	DETAILS
1. Dimensions	155 × 102 × 67 mm
2. Weight	225g ± 15g
3. Bluetooth Version	5.3
4. Battery Capacity	1200mAh (11–13 hrs playtime)
5. Input Voltage	5V = 500mA
6. Working Current	Varies with usage
7. Idle Current	< 20μA
8. Vibration Current	50–160mA
9. Charging Current	< 500mA
10. Charging Time	3–4 hours
11. Wireless Range	~10 meters
12. Operating Temperature	0°C – 40°C
13. Humidity Range	20% – 80% RH

 **Note:** All specifications are for reference and may vary depending on usage and environment.

### Package Contents

- ✓ Eclipse Controller × 1
- ✓ Replaceable D-Pad × 1
- ✓ 2.4G Receiver × 1
- ✓ USB Type-C Cable (1.5m) × 1
- ✓ User Manual × 1

## SUPPORT DETAILS

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

**WhatsApp Support:** +91 7351615161

**Email:** cc@thecosmicbyte.com

## WARRANTY

- The Eclipse 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.