## BEITONG BTP-2650S/BTP-2650NS

# BEITONG Asura 3S Game Controller User Manual

Model: BTP-2650S/BTP-2650NS

## INTRODUCTION

The BEITONG Asura 3S Game Controller is a versatile wireless gamepad designed for an enhanced gaming experience across multiple platforms. Featuring advanced technologies such as Hall Effect triggers, sensitivity-adjustable joysticks, and mechanical keys, this controller offers precision, durability, and customization for serious gamers. It supports PC, Nintendo Switch, iOS, and Android devices, providing flexible connectivity options including Bluetooth 5.0, 2.4G wireless USB dongle, and wired connection.

Figure 1: Front view of the BEITONG Asura 3S Game Controller.

## PACKAGE CONTENTS

Please verify that all items are present in the package:

- BEITONG Asura 3S Game Controller
- 2.4GHz Wireless Receiver (USB Dongle)
- USB-C Charging Cable
- Round D-PAD Replacement
- 4pcs Counterweights (2x 7g, 2x 15g)
- User Manual (this document)

## SETUP

Before first use, ensure the controller is fully charged. Connect the USB-C cable to the controller and a power source (e.g., PC USB port, USB wall adapter).

Figure 2: BEITONG Asura 3S Controller layout with key features labeled.

- **Rotatable Radial Dial:** Instant sensitivity adjustment for joysticks.

- **Left Thumbsticks & D-pad:** Function switchable.

- **3 Gears Trigger Locks:** Adjust RT/LT trigger travel.

- **Type C Charging Port:** For charging and wired connection.

- **RGB Light:** 9 colors and flow direction selectable.

- **Grip Case Removable:** To add 7g/15g counterweights.

- **Dual Rumble Motors:** For immersive haptic feedback.

- **Replaceable Diamond Concave D-pad:** Suitable for fighting or racing games.

- **Two Advanced Gaming Buttons (M1, M2):** For on-the-fly button mapping.

- **Laser Textured Anti-slip Grip:** For secure handling.

## CONNECTIVITY

The BEITONG Asura 3S controller offers multiple connection methods for broad compatibility.

### Supported Platforms:

- **PC:** Windows 7 or later (via 2.4G Wireless USB Dongle or Wired USB-C)
- **Nintendo Switch:** (via Bluetooth)
- **iOS:** iOS 14.0 or later (via Bluetooth, supports native game only)
- **Android:** Android 4.0 or later (via Bluetooth, supports native game only)
- **Steam Deck:** (via 2.4G Wireless USB Dongle or Wired USB-C)

**Note: This controller DOES NOT SUPPORT XBOX CONSOLES, PS4, or PS5.**



Figure 3: The BEITONG Asura 3S controller is compatible with PC, Switch, iOS, and Android devices.

Figure 4: Detailed diagram showing various connectivity options and supported devices.

## Connecting to Devices:

1. **2.4G Wireless (PC/Steam Deck):**

   - Insert the 2.4GHz USB receiver into an available USB port on your PC or Steam Deck.
   - Turn on the controller. It should automatically connect to the receiver. The controller has onboard storage for the USB dongle.

2. **Bluetooth (Switch/iOS/Android):**

   - Ensure the controller is powered on.
   - On your device, go to Bluetooth settings and search for new devices.
   - Select "BEITONG Asura 3S" from the list to pair.

3. **Wired Connection (PC):**

   - Connect the USB-C cable from the controller to a USB port on your PC.

○ The controller will be recognized automatically.

# KEY FEATURES AND OPERATION

## Sensitivity-Adjustable Anti-wear Joystick

The controller features self-developed technology allowing physical adjustment of joystick sensitivity without software. A large radial dial around each thumbstick enables on-the-fly sensitivity changes, ideal for precision aiming in FPS games.



Figure 5: Adjusting joystick sensitivity in real-time using the physical knob.
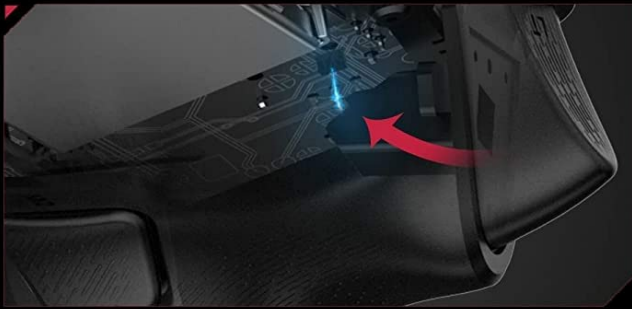
Figure 6: Diagram illustrating the anti-wear technology applied to the joysticks.

## Switchable Hall Effect Triggers

Hall Effect triggers provide a 0.7mm trigger stroke, 35% faster than traditional triggers, driven by electromagnetic induction. Three gear trigger locks allow adaptation to various game types:

- **Micro Lock:** Ideal for shooting games.
- **Mid Lock:** Suitable for sports games.
- **Full Lock:** Best for racing games.

Figure 7: Comparison of Hall sensor triggers vs. traditional physical triggers, and the three trigger lock settings.

## Mechanical Keys

The controller features upgraded mechanical buttons with frictionless operation, offering superior tactile feedback and durability compared to traditional conductive adhesive keys. They are designed for a longer lifespan and faster response.

# COUNTER WEIGHT ADDABLE

Controller weight could be adjusted to meet different hand feels for gamer playing

15g x 2  /  7g x 2

Controller Weight Range:  244g - 288g

# MECHANICAL KEYS

35% Faster than traditonal conductive adhesive keys,and more durable for long life

| Mechanical Keys | VS | Traditional Keys |
| --- | --- | --- |
| 0.7 mm | Trigger Stroke | 1.1 mm |
| 110±10g | Trigger Pressure | 110±10g |
| 5 Millions Times | Keys Press Life | 1 Millions Times |

0.7 mm

Figure 8: Diagram illustrating the internal mechanism and benefits of mechanical keys.

## 6-Axis Gyro Motion Control

A built-in 6-axis gyro sensor provides quick response for motion-sensing games, enhancing control and immersion, especially on Nintendo Switch and PC.

Figure 9: The 6-axis gyro enables precise motion control for various in-game actions.

## Button Customization & Macro Programming

The configurable LB, RB, M1, and M2 buttons allow for efficient operation and one-click activation of complex commands. Rear paddles can also be customized. Download the "BEITONG Gamepad Assistant" program from www.betop-cn.com/en/#/down for advanced macro programming and button remapping.

Figure 10: Interface of the BEITONG Gamepad Assistant software for button customization and macro settings.

## Counterweight Adjustment

The handle cases are removable, allowing you to add or remove included 7g and 15g counterweights. This feature enables users to adjust the controller's weight to their preference for different gaming styles or grip comfort.



Figure 11: Illustration of the removable grip cases and the counterweights for weight adjustment.

## Replaceable D-Pad

The controller comes with an additional diamond texture concave D-pad that can be replaced. This allows users to select the best D-pad type based on their gaming habits, offering improved precision and comfort for fighting or racing games.



Figure 12: The controller includes a replaceable D-pad for customized gaming experience.

## OPERATING INSTRUCTIONS

This section provides general guidance for using your BEITONG Asura 3S controller.

- **Power On/Off:** Press and hold the Home button (BEITONG logo) for 3 seconds to power on or off the controller.
- **Mode Switching:** The controller may have different modes for various platforms. Refer to the specific connection instructions for your device.
- **Charging:** Connect the USB-C cable to the controller and a power source. The indicator light will show charging status. A full charge provides extended gaming sessions.
- **Sensitivity Adjustment:** Rotate the radial dial around the joysticks clockwise to increase sensitivity (for finer control) or counter-clockwise to decrease sensitivity (for broader movements).
- **Trigger Lock Adjustment:** Use the physical switches on the back of the triggers to select between Micro, Mid, and Full lock positions based on your game type.
- **Button Mapping:** Utilize the BEITONG Gamepad Assistant software for advanced button remapping and macro creation for the M1, M2, LB, and RB buttons.

## MAINTENANCE

Proper care will extend the life of your BEITONG Asura 3S controller.

- **Cleaning:** Use a soft, dry cloth to wipe the controller. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain battery health, avoid fully discharging the battery frequently. Charge the controller regularly, even if not in use for extended periods.
- **Avoid Drops:** Protect the controller from physical impact, which can damage internal components.

## TROUBLESHOOTING

If you encounter issues with your BEITONG Asura 3S controller, please refer to the following common solutions:

| Problem | Possible Solution |
| --- | --- |
| Controller does not power on. | Ensure the controller is charged. Connect it to a power source using the USB-C cable. |
| Controller does not connect wirelessly. | For 2.4G: Ensure the USB receiver is properly inserted and the controller is in 2.4G mode. For Bluetooth: Ensure Bluetooth is enabled on your device and the controller is in pairing mode. Forget the device and re-pair if necessary. Ensure the controller is within range of the receiver/device. |
| Buttons or joysticks are unresponsive. | Check battery level. Try connecting the controller via wired USB-C to test functionality. Reset the controller (refer to the full user manual for specific reset instructions if available). |
| Motion control is not working. | Ensure the game supports motion control and that the controller is properly connected to a compatible platform (e.g., Nintendo Switch). |

For further assistance, please visit the BEITONG official website or contact customer support.
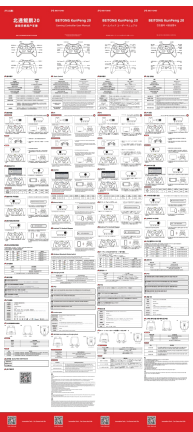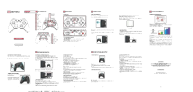
## SPECIFICATIONS

| Feature | Detail |
| --- | --- |

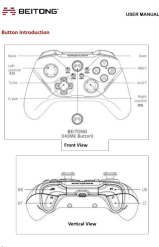| Feature | Detail |
|---|---|
| Model Number | BTP-2650S/BTP-2650NS |
| Connectivity | Bluetooth 5.0, 2.4G Wireless USB Dongle, Wired USB-C |
| Battery Capacity | 950mAh Lithium Ion (included) |
| Dimensions | 6.5 x 4.1 x 2.5 inches |
| Item Weight | 1.32 pounds (adjustable with counterweights) |
| Joystick Type | Sensitivity-Adjustable Anti-wear Joystick |
| Trigger Type | Hall Effect Triggers with 3-gear locks |
| Buttons | Mechanical Keys, Configurable LB/RB/M1/M2, Rear Paddles |
| Motion Sensor | 6-Axis Gyro |
| Supported OS | PC (Windows 7+), Nintendo Switch, iOS (14.0+), Android (4.0+) |

## WARRANTY AND SUPPORT

BEITONG technology team is committed to providing support for any issues you may encounter with your controller. For warranty information, technical assistance, or customer service, please refer to the contact details provided in your product packaging or visit the official BEITONG website.

Official Website: www.betop-cn.com

## Related Documents - BTP-2650S/BTP-2650NS



BEITONG BTP-KP20 Wireless Gamepad User Manual
Comprehensive user manual for the BEITONG BTP-KP20 Wireless Gamepad, detailing features, setup, connectivity for PC, Switch, iOS, and Android, and troubleshooting.



BEITONG BTP-2650S ASURA 3S Wireless Gamepad User Manual
Comprehensive user manual for the BEITONG BTP-2650S ASURA 3S wireless gamepad, covering key introductions, power on/off, PC/TV connection, features, software configuration, battery life, and FCC compliance.

[BEITONG Asura 2PRO Wireless Game Controller User Manual & Guide](#)
Comprehensive user manual for the BEITONG Asura 2PRO Wireless Game Controller, covering setup, button functions, software customization, vibration, turbo settings, and calibration.

[BEITONG Asura 2 Wireless Gamepad User Manual - BTP-2185T2](#)
Comprehensive user manual for the BEITONG Asura 2 Wireless Gamepad (Model BTP-2185T2), covering setup, connection, functions, troubleshooting, and specifications.

[BEITONG ASURA 2 PRO PLUS DUAL HALL GAMEPAD User Manual](#)
Comprehensive user manual for the BEITONG ASURA 2 PRO PLUS DUAL HALL GAMEPAD (Model BTP-A1N3S). Covers setup, multi-platform connectivity, button customization, software features, and troubleshooting for an optimal gaming experience.

[BEITONG Asura 2Pro Wireless Game Controller User Manual](#)
Comprehensive user manual for the BEITONG Asura 2Pro Wireless Game Controller, covering setup, button functions, software customization, and troubleshooting.