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Black Shark AETHER

BIGBIG WON Aether Gamepad Instruction Manual

Model: AETHER | Brand: Black Shark

1. PRODUCT OVERVIEW

The BIGBIG WON Aether Gamepad is a high-performance controller designed for an enhanced gaming experience across multiple platforms including PC, Nintendo Switch, Android, and iOS. It features an intuitive LCD display for on-the-fly customization, Hall Effect joysticks and triggers for precise control, and versatile connectivity options.



Figure 1: BIGBIG WON Aether Gamepad. This image shows the front view of the Aether gamepad, highlighting its ergonomic design, central LCD screen, and button layout.

This controller is engineered to deliver overwhelming performance, especially in competitive FPS games, with a high polling rate of up to 1000Hz for instantaneous response in both wired and wireless modes. It incorporates a 12-bit sampling chip for superior accuracy and responsiveness.

価格の壁を打ち破る

FPSに最適な高性能コントローラー、史上最安値で登場!
フラッグシップモデルと同じ12ビットサンプリングチップを搭載し、FPSゲームでの圧倒的なパフォーマンスを実現

1000Hz

ワイヤレス接続ポーリングレート

1000Hz

有線接続ポーリングレート

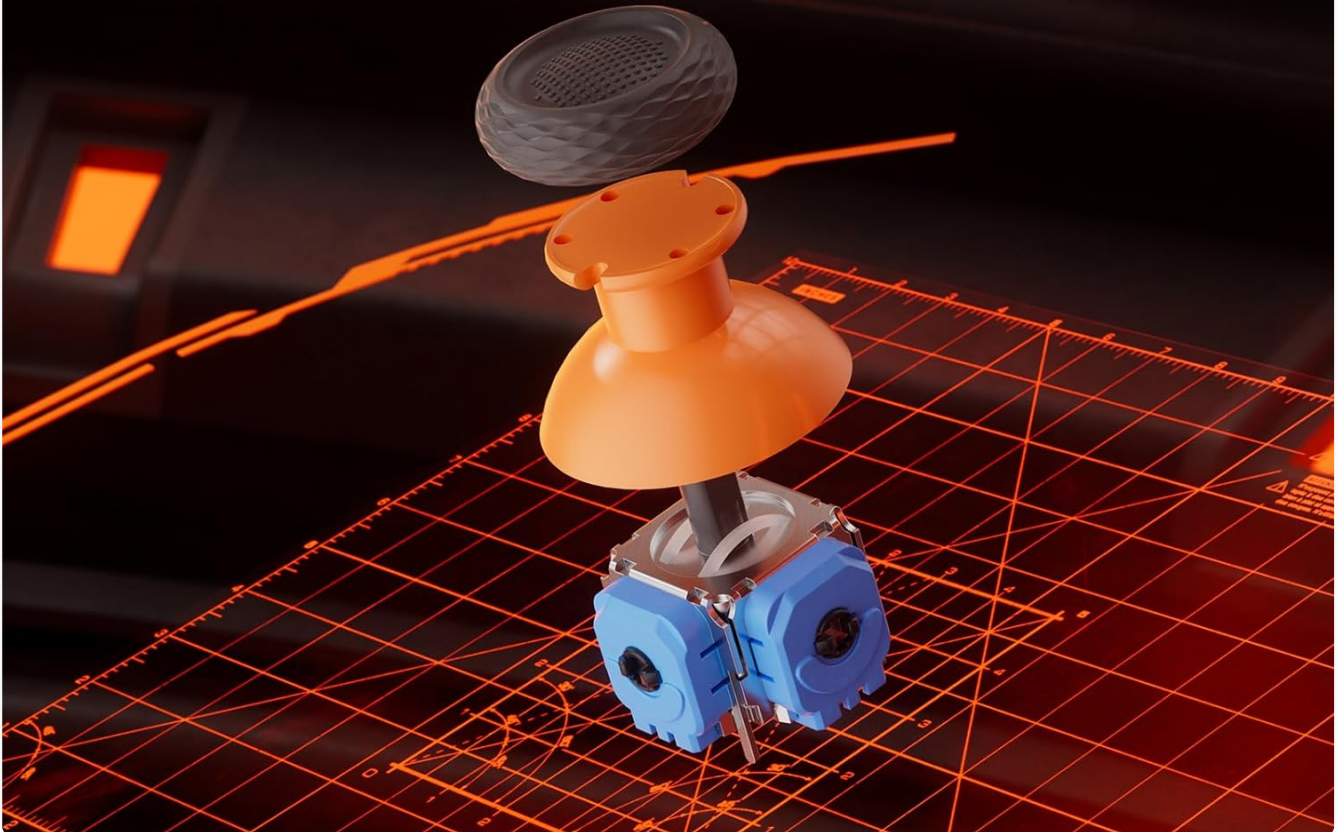


Figure 2: 1000Hz Polling Rate. This diagram illustrates the internal components related to the controller's high polling rate, emphasizing its speed and precision for both wired and wireless connections.

2. SETUP AND CONNECTION

The Aether Gamepad offers three primary connection methods: wired, Bluetooth, and 2.4GHz wireless via a dedicated USB receiver. Choose the method best suited for your gaming environment.

2.1. Wired Connection

Connect the gamepad directly to your PC, Switch, Android, or iOS device using a compatible USB-C cable. This method provides the most stable data transfer and ensures minimal latency.

2.2. 2.4GHz Wireless Connection

1. Insert the included 2.4GHz USB receiver into an available USB port on your PC or compatible device.

2. Turn on the gamepad. The controller will automatically attempt to connect to the receiver.
3. Once connected, the indicator light on the gamepad will stabilize.

2.3. Bluetooth Connection

1. Turn on the gamepad.
2. Activate Bluetooth pairing mode on the gamepad (refer to the LCD display for specific instructions).
3. On your device (PC, Switch, Android, iOS), search for Bluetooth devices and select "BIGBIG WON Aether" from the list.
4. Confirm the pairing. The indicator light on the gamepad will stabilize upon successful connection.

The controller is designed with ceramic antennas for enhanced signal strength and connection stability, minimizing delay and supporting smooth gameplay.

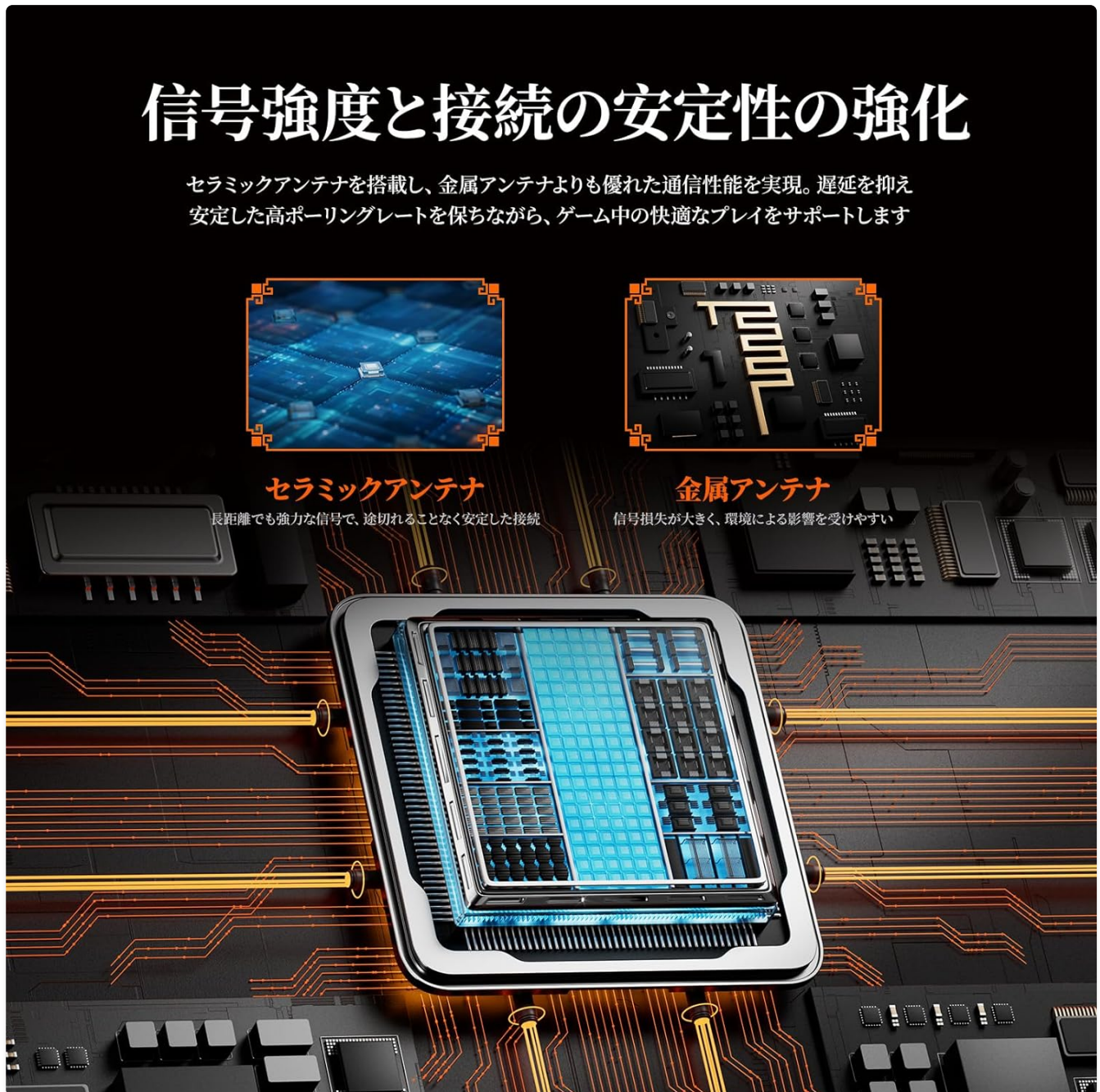


Figure 3: Enhanced Signal Strength and Connection Stability. This image illustrates the internal ceramic antenna design, highlighting its superiority over traditional metal antennas for stable and strong signal transmission.

3. OPERATING INSTRUCTIONS

The Aether Gamepad provides extensive customization options through its integrated LCD display and advanced hardware features.

3.1. LCD Display Customization

The built-in LCD display allows for real-time adjustments without the need for external software. You can intuitively configure various settings directly on the controller.

- **Back Button Assignment:** Assign single key inputs to the two large back buttons (M1, M2) on the rear of the controller. These buttons support mapping only, not macro functions.
- **Joystick Sensitivity & Dead Zones:** Adjust joystick sensitivity curves and dead zones, including 0 dead zone and negative dead zone options, to optimize for your playstyle.
- **Vibration Levels:** Fine-tune the vibration intensity for a more immersive gaming experience.
- **Trigger Mode Switching:** Easily switch between Linear Trigger Mode (ideal for racing games) and Quick Trigger Mode (for rapid response in shooting games).
- **Turbo Function:** Set up continuous firing for specific buttons.

リアルタイムで簡単調整

複雑な接続や操作をすることなく、内蔵されたスマートスクリーンでスティックのデッドゾーンやボタンマッピング、連射、クイックトリガーなどの設定をリアルタイムで簡単に調整可能



Figure 4: Real-time Adjustment. This image displays the LCD screen interface, showing options for configuration, mode selection, language, brightness, and information, along with visual representations of trigger and button settings.

コアアルゴリズムアップデート

スマートデジタルディスプレイでスティックのデッドゾーン補正を調整可能。
0デッドゾーンはもちろん、マイナスデッドゾーンにも対応。
すべてのゲームで「ロック解除」のような滑らかな操作感を実現します



Figure 5: Core Algorithm Update for Deadzone Adjustment. This diagram illustrates the deadzone adjustment interface on the LCD, allowing precise control over joystick input, including 0 deadzone and negative deadzone settings.

3.2. Hall Effect Joysticks and Triggers

The Aether controller utilizes Hall Effect sensors for its joysticks and triggers, providing superior responsiveness, precision, and durability compared to traditional mechanical sensors. This non-contact technology ensures long-term accuracy and prevents wear.

磁気ホール式センサーを採用

次世代のホールセンサーを採用したスティックは
非接触型のセンサーにより摩擦損失がなく、データの精度が長期間維持されます



Figure 6: Magnetic Hall Sensor Joystick. This cutaway view shows the internal structure of the Hall Effect joystick, emphasizing its non-contact sensor design for smooth and accurate input.

精密なホール効果アナログトリガー



リニアトリガーモード
レーシングゲームに最適



クイックトリガーモード
素早い射撃反応を実現



Figure 7: Hall Effect Analog Triggers. This image illustrates the Hall Effect triggers, showing the linear trigger mode (suitable for racing games) and quick trigger mode (for rapid shooting response).

3.3. Back Buttons and Vibration

The two large back buttons (M1, M2) can be customized for single key inputs, allowing for quick additional actions during gameplay. The controller also features a vibration function with adjustable intensity, providing realistic feedback for an immersive experience.

多機能でゲームを制覇

FPSやアクションゲームでのパフォーマンスを最大限に引き出し、ゲームの世界に没入できる最適な選択です

2つの大きな背面ボタン

Rainbow 2と同じ背面ボタンを採用



十字キー

ボタンの誤動作なし



600mAhバッテリー

長時間プレイも安心、バッテリー切れの心配なし



4段階振動調整

振動強度を調整して、より没入感のあるプレイを実現

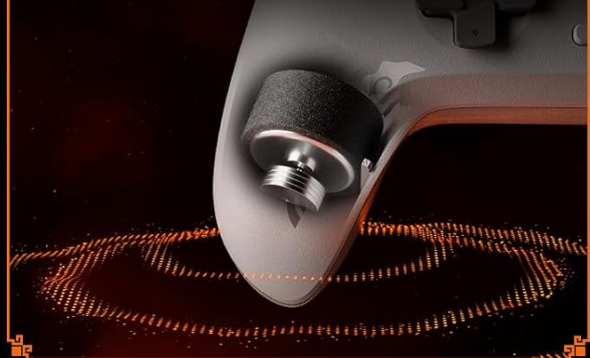


Figure 8: Multifunction Features. This composite image highlights several features: the two large back buttons for customization, the D-pad designed to prevent accidental inputs, the 600mAh battery for long play, and the 4-stage adjustable vibration for immersive feedback.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Aether Gamepad.

4.1. Cleaning

Wipe the controller with a soft, dry cloth. Avoid using abrasive cleaners or solvents that may damage the surface or internal components.

4.2. Battery Information

The Aether Gamepad is equipped with a 600mAh large-capacity battery, providing approximately 16 hours of continuous use on a single full charge. To maximize battery life:

- Charge the controller fully before first use.
- Avoid completely draining the battery frequently.
- Store the controller in a cool, dry place when not in use for extended periods.

5. TROUBLESHOOTING

If you encounter issues with your Aether Gamepad, refer to the following common solutions.

5.1. Connection Issues

- **Controller not connecting:** Ensure the controller is charged. For wireless connections, verify the USB receiver is properly inserted or Bluetooth is enabled and discoverable on your device. Try re-pairing the controller.
- **Intermittent connection:** Ensure there are no obstructions between the controller and the receiver/device. Reduce interference from other wireless devices.

5.2. Input Issues (e.g., Trigger Malfunctions, Accidental Inputs)

Some users have reported occasional accidental inputs, particularly with triggers, especially in wireless modes or when the language setting is Japanese. If you experience this:

- **Switch Language Setting:** Navigate to the LCD display settings and change the controller's language to English. This has been reported by some users to mitigate accidental input issues.
- **Firmware Update:** Check the official BIGBIG WON website for the latest firmware updates. Updating the firmware can resolve known bugs and improve performance.
- **Wired Connection:** If wireless issues persist, consider using a wired connection, as this has been reported to eliminate accidental inputs for some users.

5.3. Power Issues

- **Controller not turning on:** Ensure the battery is charged. Connect the controller to a power source using the USB-C cable.
- **Power ON/OFF:** To power on/off the controller, press and hold the Xbox button (or equivalent central button) for a few seconds.

6. SPECIFICATIONS

Model Number	AETHER
Dimensions	15.4 x 12.8 x 7.4 cm
Weight	320 g
Connectivity	Wired (USB-C), Bluetooth, 2.4GHz Wireless
Polling Rate	Up to 1000Hz
Battery Capacity	600mAh

Compatibility	PC, Nintendo Switch, Android, iOS
Country of Origin	China
Release Date	2025/1/22

This product has obtained technical standard compliance certification in Japan.

技適マーク付き (日本国内技適認証済み)



本製品は、日本国内の技術基準適合証明（技適認証）を取得済みです。ただし、認証情報が総務省のウェブサイトには反映されるまでには通常1〜2か月の遅延が発生する場合があります。もしウェブサイト上で確認できない場合は、総務省へ直接お問い合わせください。

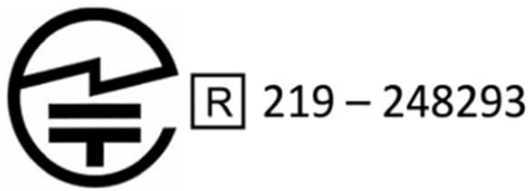


Figure 9: Japanese Technical Compliance Mark. This image displays the technical compliance mark and certification documents, indicating the product meets Japanese regulatory standards.

7. PACKAGE CONTENTS

The following items are included in the product package:

- BIGBIG WON Aether Gamepad
- 2.4G Wireless Receiver
- User Manual / After-sales Support Card

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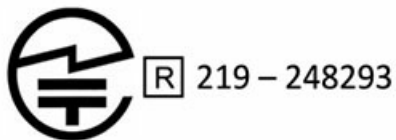


Figure 10: Package Contents. This image shows the gamepad, 2.4G receiver, and documentation included in the product box.

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the after-sales support card included in your package or visit the official BIGBIG WON website. If you experience issues, providing a video demonstrating the problem can assist the support team in providing a quicker resolution.