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Machenike G3V2 PE-Upgrade

Machenike G3V2 Bluetooth Controller Instruction Manual

Model: G3V2 PE-Upgrade

Brand: Machenike

1. INTRODUCTION

The Machenike G3V2 Bluetooth Controller is a versatile gaming peripheral designed for multi-platform compatibility, including Switch, iOS, Android, and Windows PC. It features Hall Effect joysticks and triggers, customizable buttons, RGB lighting, and a dedicated charging station for an enhanced gaming experience.



Image: The Machenike G3V2 Bluetooth Controller, showcasing its ergonomic design and vibrant RGB lighting around the joysticks.

2. KEY FEATURES

- **Lightning-Fast 1000Hz Responsiveness:** Equipped with ultra-high gaming responsiveness for instant command capture and millisecond-level feedback.
- **Convenient Charging Dock:** Includes a dedicated charging dock for efficient and fast recharging via USB-C, protecting the controller and ensuring optimal performance.
- **Dual Hall-Effect Joysticks and Triggers:** Features newly upgraded Hall-Effect sensing joysticks and high-precision trigger buttons for superior control and durability, eliminating drift.
- **Customizable Force Adjustable Stick Tension:** Unique force adjustment feature allows customization of joystick feedback from lightweight to precise, adapting to various game needs.
- **Fast Charging & Extended Playtime:** Built-in 1000mAh high-capacity battery provides extended playtime with fast-charging technology.
- **Multi-Platform Support:** Compatible with Switch/Switch 2, iOS, Android, and Windows PC.



Image: An overview of the Machenike G3V2 controller's key features, including its Hall Effect joysticks, customizable back buttons, and connectivity options.

3. SETUP AND CONNECTION

3.1 Connecting to Nintendo Switch (Bluetooth Mode)

1. Ensure your controller is charged.
2. On the controller, press and hold the **Y + Home** buttons simultaneously until the indicator light flashes rapidly, changing from slow to fast flashing. This puts the controller into Switch pairing mode.
3. On your Nintendo Switch, navigate to the HOME Menu.
4. Select the 'Controllers' icon, then choose 'Change Grip/Order'.
5. Wait for the controller to connect automatically. Once connected, the controller will vibrate, and its icon will appear on the Switch screen.
6. Press the **A** button on the controller to confirm.
7. To toggle between Switch and Xbox button layouts (A/B, X/Y swap), press **FN + A**.

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Video: A tutorial demonstrating how to connect the Machenike G3V2 controller to a Nintendo Switch console via Bluetooth mode, including button presses and on-screen confirmation.

3.2 Connecting to PC/iOS/Android (Bluetooth/Wired/2.4G)

The Machenike G3V2 controller supports multiple connection modes for various platforms:

- **Bluetooth:** For iOS, Android, and some PC setups. Activate Bluetooth on your device and search for 'Machenike G3V2' to pair.
- **2.4G Wireless:** Use the included USB dongle for PC and other compatible devices. Plug the dongle into your device, then power on the controller.
- **Wired:** Connect the controller directly to your PC or compatible device using a USB-C cable.

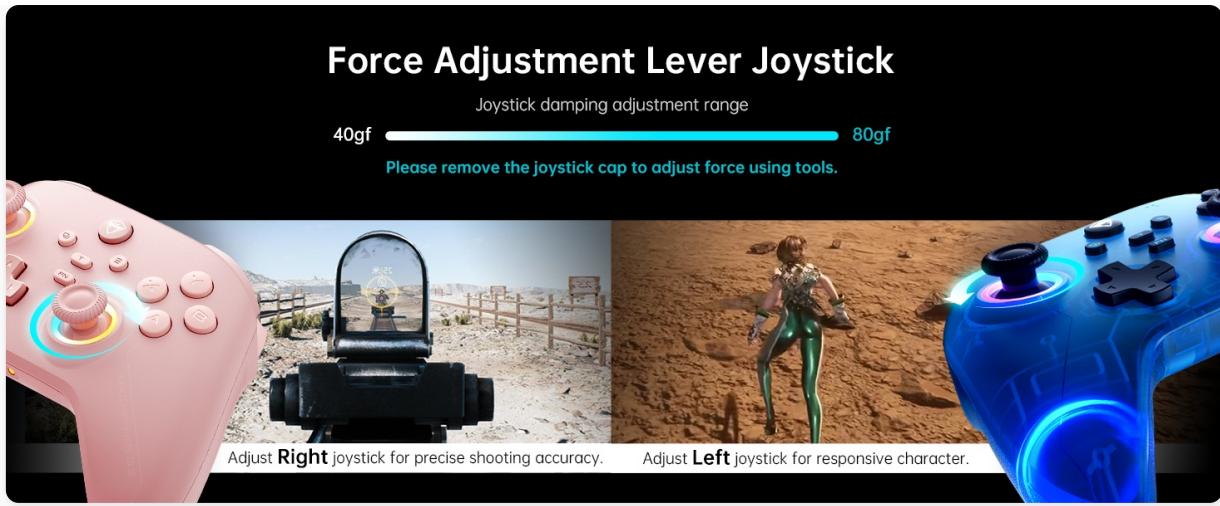


Image: The Machenike G3V2 controller highlighting its ergonomic design, anti-slip grip, and responsive triggers for comfortable and precise control.

4. OPERATION AND CUSTOMIZATION

4.1 Programmable Back Buttons (M1/M2)

The controller features two customizable back buttons (M1 and M2) that can be assigned to single keys or complex macros. This is particularly useful for games requiring quick actions or combos.

1. To Assign a Single Key:

- Press and hold **FN + M1** (or M2) simultaneously until the joystick light ring glows with a soft blue breathing effect, indicating recording mode.
- Press the desired button you wish to assign (e.g., 'A' button).
- Press **M1** (or M2) once to save the assignment. The light ring will flash three times, confirming successful saving.

2. To Clear an Assignment:

- Press and hold **FN + M1** (or M2) simultaneously to enter recording mode.
- Without pressing any other button, press **M1** (or M2) again to save a blank input. The light ring will flash three times, clearing the previous assignment.

3. To Record a Macro (Multiple Keys):

- Press and hold **FN + M1** (or M2) simultaneously to enter recording mode.
- Press the sequence of keys you want to record (e.g., A, B, X, Y, RB, LB). The timing between key presses will be recorded.
- Press **M1** (or M2) once to save the macro. The light ring will flash three times.

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Video: A detailed guide on how to set up and record keystroke macros using the programmable back buttons (M1/M2) on the Machenike G3V2 controller.

4.2 Joystick and Trigger Calibration

Calibration helps maintain accuracy and prevent drift in joysticks and triggers. This can be done whether the controller is off or connected.

1. Joystick Calibration:

- Press and hold the **B + Back + Home** buttons simultaneously until the blue LED starts flashing.
- Move both joysticks in full circles (about three rotations) slowly and steadily.
- Press the **Start** button to save. The controller will power off, indicating successful calibration.

2. Trigger Calibration:

- Press and hold the **Y + Back + Home** buttons simultaneously until the red LED starts flashing.
- Press both triggers normally all the way down three times. Ensure gentle but full pressure.
- Press the **Start** button to save. The controller will power off, indicating successful calibration.

After calibration, reconnect the controller to your device to test the new settings. Always use normal, gentle pressure during calibration for accurate results.

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Video: A guide on how to calibrate the joysticks and triggers of the Machenike G3V2 controller to ensure optimal performance and accuracy.

4.3 RGB Lighting

The controller features dynamic RGB lighting around the joysticks. Specific controls for changing lighting modes or colors can often be found in the Keylinker 2.0 mobile application or through dedicated button combinations (refer to the app for advanced customization).



Image: The Machenike G3V2 controller illustrating its 4-level native vibration feedback, providing immersive experiences for various game genres.

5. CHARGING

The Machenike G3V2 controller comes with a 1000mAh high-capacity battery and a dedicated charging dock.

- Using the Charging Dock:** Simply place the controller onto the dedicated charging dock. The built-in USB-C port on the dock facilitates quick recharging.
- Direct USB-C Charging:** You can also charge the controller directly using a USB-C cable connected to a power source.



Image: The Machenike G3V2 controller resting on its dedicated charging dock, ready for an instant power boost.

6. COMPATIBILITY

- **Supported Platforms:** Nintendo Switch, Switch 2, iOS, Android, Windows PC.
- **Not Compatible With:** Xbox, PlayStation, or GeForce Now.
- For other game platforms not explicitly mentioned, please consult customer service before purchase.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the controller. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the controller frequently. Charge it regularly, even if not in use for extended periods.

8. TROUBLESHOOTING

- **Controller Not Connecting:**
 - Ensure the controller is fully charged.
 - Verify the correct pairing mode is activated for your device (e.g., Y+Home for Switch).
 - On your device, try forgetting the controller from Bluetooth settings and re-pairing.
 - For PC, try connecting via the 2.4G dongle or wired connection.
- **Joystick Drift or Inaccuracy:**
 - Perform joystick calibration as described in Section 4.2.
- **Trigger Issues:**
 - Perform trigger calibration as described in Section 4.2.
- **Buttons Not Responding:**
 - Ensure the controller is properly connected.
 - Check if any programmable back buttons (M1/M2) have unintended assignments (clear them if necessary).
 - Reconnect the controller.
- **Charging Issues:**
 - Ensure the charging dock or USB-C cable is properly connected.
 - Try a different USB-C cable or power adapter.

9. SPECIFICATIONS

Feature	Detail
Model Number	PE-Upgrade
ASIN	B0F93RPT5H
Manufacturer	Machenike
Item Weight	0.529 ounces
Package Dimensions	6.93 x 6.46 x 3.23 inches
Batteries	1 Lithium Polymer battery (included)
Connectivity	Bluetooth, 2.4G Wireless, Wired (USB-C)
Polling Rate	1000Hz
Joysticks	Hall Effect, Adjustable Tension (40-80gf)
Triggers	Hall Effect, 255 Levels, Millimeter Precision
Programmable Buttons	2 Back Buttons (M1, M2)
Vibration	4-Level Native Vibration Feedback

10. WARRANTY AND SUPPORT

Machenike products are designed for durability and performance. For warranty information, technical support, or service inquiries, please refer to the official Machenike website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Online resources and FAQs may also be available on the [Machenike Store on Amazon](#).