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Machenike G320

Machenike G320 Wireless Gaming Controller User Manual

Model: G320

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Machenike G320 Wireless Gaming Controller. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.



An overhead view of the white Machenike G320 controller, highlighting its dual vibration motors, 256Hz polling rate, precision joysticks, and linear triggers.

PRODUCT OVERVIEW

Key Features

- **Dual-Mode Connectivity:** Supports 2.4GHz wireless and wired connections.
- **Multi-Platform Compatibility:** Compatible with PC, Switch, Android, HarmonyOS, and TV boxes.
- **High Precision Input:** Features 256Hz polling rate, precision joysticks, and 255-step linear triggers.
- **Immersive Feedback:** Equipped with asymmetric dual vibration motors with 5 adjustable speed levels.
- **Customizable Lighting:** LED backlit buttons with adjustable brightness.
- **Ergonomic Design:** Asymmetrical grip and contour design for comfortable extended use.
- **Plug and Play:** Simple setup for immediate gaming.

Package Contents

- Machenike G320 Wireless Gaming Controller
- 2.4GHz USB Receiver (Dongle)
- USB-C to USB-A Charging/Data Cable (2m/6.5 feet)
- User Manual (This document)

Controller Layout

The Machenike G320 controller features a standard layout with two analog sticks, a D-pad, action buttons (A, B, X, Y), shoulder buttons (LB, RB), and triggers (LT, RT). It also includes Select, Start, Home, and Mode buttons, along with an Fn button for additional functions.



An illustrative image of the Machenike G320 controller, highlighting its multi-platform support, backlit buttons, and plug-and-play functionality, along with other key features like precision joysticks and dual vibration motors.

SETUP

Charging the Controller

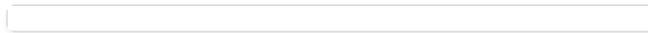
Before first use, fully charge the controller. Connect the supplied USB-C cable to the controller's USB-C port and the other end to a USB power source (e.g., PC, USB wall adapter). The LED indicator will show charging status and turn off when fully charged.

Connecting to Devices

The G320 controller supports two primary connection methods: 2.4GHz Wireless and Wired.

1. 2.4GHz Wireless Connection

1. Insert the 2.4GHz USB receiver into an available USB port on your PC, Switch dock, Android device (with OTG adapter if needed), or TV box.
2. Press the Home button on the controller to power it on.
3. The controller will automatically attempt to connect to the receiver. The indicator light will stabilize once connected.
4. Ensure the device's settings (e.g., Switch Pro Controller Wired Communication) are enabled if necessary for optimal performance.



A white Machenike G320 controller with a visual representation of 2.4GHz wireless signals, indicating stable and rapid connection within 10 meters.

2. Wired Connection

1. Connect the USB-C end of the supplied cable to the controller's USB-C port.
2. Connect the USB-A end of the cable to an available USB port on your PC, Switch dock, or other compatible device.
3. The controller will be recognized automatically as a wired controller.
4. This method provides zero latency for competitive gaming.



A close-up view of the top edge of the Machenike G320 controller, showing the USB-C port for wired connection, emphasizing zero latency for smooth gaming.

3. Bluetooth Connection (for iOS/Android)

While the product description mentions iOS and Android compatibility, the primary connection methods listed are 2.4GHz wireless and wired. If your device requires Bluetooth, please refer to your device's specific Bluetooth pairing instructions. The controller may enter Bluetooth pairing mode by holding a specific button combination (e.g., Home + X for some controllers), but this is not explicitly detailed for the G320 in the provided information. Ensure your device supports external controllers via Bluetooth.

Platform Compatibility

The Machenike G320 controller is designed for broad compatibility across various gaming platforms:

- **PC:** Windows operating systems.
- **Nintendo Switch:** Connects via 2.4GHz wireless or wired mode. Ensure "Pro Controller Wired Communication" is enabled in Switch settings if using wired.
- **Android/HarmonyOS:** Compatible with Android phones, tablets, and HarmonyOS devices. May require an OTG adapter for 2.4GHz receiver.
- **TV Boxes:** Compatible with various smart TV boxes.



An image displaying the Machenike G320 controller alongside icons representing compatible platforms: PC, Switch, Tablet, and Smart TV, illustrating its plug-and-play multi-platform support.

OPERATING INSTRUCTIONS

Power On/Off

- **Power On:** Press the Home button to turn on the controller.
- **Power Off:** Press and hold the Home button for a few seconds until the controller powers off, or it will automatically power off after a period of inactivity.

LED Backlight Adjustment

The controller features colorful LED backlighting for its buttons. The brightness can be adjusted to your preference. Refer to the controller's specific button combinations (e.g., Fn + joystick click) for backlight control, as these are not detailed in the provided information.



A close-up of the Machenike G320 controller's face buttons (X, Y, A, B) with colorful backlighting, indicating that the brightness can be freely adjusted.

Vibration Feedback

The G320 controller includes asymmetric dual vibration motors that provide haptic feedback during gameplay. There are 5 adjustable speed levels for vibration intensity. Consult the controller's specific instructions for adjusting vibration levels, typically through a combination of the Fn button and D-pad or analog stick.

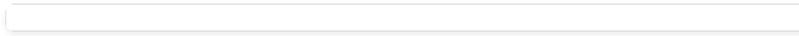


A visual representation of the Machenike G320 controller with an overlay indicating the presence of asymmetric dual vibration motors for enhanced gaming immersion.

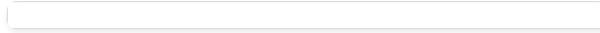
Precision Controls

- **Precision Joysticks:** The joysticks are designed for accurate circular motion, meeting eSports-grade demands.
- **256Hz Polling Rate:** In wired mode, the polling rate is boosted to 256Hz for ultra-fast communication and real-time action.
- **255-step Linear Triggers:** The LT and RT triggers offer 255 levels of depth, providing precise control over actions like acceleration in racing games.
- **Accurate 8-way D-pad:** The D-pad provides precise 8-way input, reducing the risk of accidental

inputs.



A detailed view of the Machenike G320 controller's left joystick, highlighting its precision and the eSports-grade 256Hz polling rate for responsive control.



A side view of the Machenike G320 controller's right trigger, illustrating the 255-step linear triggers designed for precise control in games like racing simulations.



A close-up of the Machenike G320 controller's D-pad, showing a visual indicator of its precise 8-way input capability, designed to reduce accidental inputs.

MAINTENANCE

Cleaning

To clean your controller, use a soft, dry cloth. For stubborn dirt, slightly dampen the cloth with water. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the controller's finish and internal components.

Storage

Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. When not in use for extended periods, ensure the controller is powered off to preserve battery life.

Battery Care

The controller contains a built-in Lithium Polymer battery. To maximize battery lifespan:

- Avoid fully discharging the battery frequently.
- Charge the controller regularly, even if not in constant use.
- Do not expose the controller to high temperatures.

TROUBLESHOOTING

Controller Not Connecting

- **2.4GHz Wireless:**
 - Ensure the 2.4GHz USB receiver is securely plugged into the device.
 - Verify the controller is powered on.
 - Try plugging the receiver into a different USB port.
 - For Nintendo Switch, ensure "Pro Controller Wired Communication" is enabled in the system settings (even for wireless dongle connection, sometimes this setting helps).
- **Wired Connection:**
 - Ensure the USB-C cable is firmly connected to both the controller and the device.
 - Try a different USB port on your device.
 - Test with a different USB-C cable if available.

- **Bluetooth (iOS/Android):**

- Ensure Bluetooth is enabled on your mobile device.
- Put the controller into pairing mode (if applicable, consult device-specific instructions or try Home + X).
- Forget previous pairings on your device and try reconnecting.

Input Not Responding or Lagging

- **Wireless:**

- Ensure the controller is within the 10-meter operating range of the 2.4GHz receiver.
- Minimize interference from other wireless devices.
- Check battery level; low battery can affect performance.

- **General:**

- Restart the controller and the connected device.
- Calibrate joysticks and triggers if your system or game allows.

Vibration Not Working

- Ensure the game supports vibration feedback.
- Check in-game settings to ensure vibration is enabled.
- Verify the controller's vibration intensity is not set to zero.

Charging Problems

- Ensure the USB-C cable is properly connected.
- Try a different USB power source or charging cable.
- Confirm the power source is providing sufficient power.

SPECIFICATIONS

Feature	Detail
Model	G320
Connectivity	2.4GHz Wireless, Wired (USB-C)
Compatibility	Windows PC, Nintendo Switch, Android, HarmonyOS, TV Boxes
Polling Rate	256Hz (Wired mode)
Triggers	255-step Linear Triggers
Vibration	Asymmetric Dual Vibration Motors (5 levels)
Backlight	LED Backlit Buttons (Adjustable Brightness)
Dimensions	6.1 x 4.17 x 2.36 inches
Weight	8 ounces
Battery	1 Lithium Polymer battery (included)

ASIN	B0CWLDXGPZ
Manufacturer	Machenike
Date First Available	February 27, 2024

WARRANTY AND SUPPORT

Specific warranty terms and customer support contact information are not provided within this manual. Please refer to the product packaging, the retailer's website, or the official Machenike website for detailed warranty information and support contacts.

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