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› EasySMX X05 Wireless Bluetooth Controller User Manual

EasySMX X05

EasySMX X05 Wireless Bluetooth Controller User Manual

Model: X05

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1. OVERVIEW

The EasySMX X05 Wireless Bluetooth Controller is a versatile gamepad designed for multi-platform compatibility, offering an enhanced gaming experience across various devices. It features advanced Hall Effect joysticks and triggers for precise control, customizable RGB lighting, and a long-lasting battery.



Figure 1.1: EasySMX X05 Wireless Bluetooth Controller (Green)

1.1 Package Contents

- EasySMX X05 Wireless Bluetooth Controller
- USB-C Charging Cable
- 2.4GHz USB Dongle
- User Manual
- Pair of Thumb Grips

1.2 Controller Layout

Familiarize yourself with the buttons and controls of your EasySMX X05 controller:

Left/Right Analog Sticks: Hall Effect joysticks for precise 360-degree movement.

D-Pad: Directional pad for navigation and input.

A/B/X/Y Buttons: Standard action buttons.

LB/RB Buttons: Left and Right Bumper buttons.

- LT/RT Triggers:** Left and Right Hall Effect Triggers for accurate pressure-sensitive input.
- HOME Button:** Powers on/off the controller, accesses system menus.
- M Button:** Mode switch key for seamless platform transitions.
- Other Buttons:** Select, Start, and other function buttons as indicated on the controller.

2. SETUP & CONNECTION

The EasySMX X05 controller supports multiple connection methods for various platforms.



Multi-Platform Compatibility

Mode switch toggle - seamless transition between platforms

Switch	NS	 Nintendo Switch	 Switch Lite	 Switch OLED	
Bluetooth	BT	 iPhone/Android Phone/ Android Tablet	 Android TV	 Steam Deck	
2.4Ghz		 PC	 Steam Deck	 Tesla	 Raspberry Pi 3B



NOT COMPATIBLE

Not compatible with Xbox and Fire TV

2.1 Charging the Controller

Before first use, fully charge the controller using the provided USB-C cable. Connect the USB-C end to the controller and the USB-A end to a power source (e.g., computer USB port, USB wall adapter). The charging indicator light will show charging status and turn off when fully charged. A full charge typically takes 2-3 hours.

2.2 Connection Methods

2.2.1 Bluetooth Connection (PC, iPhone, Android, Switch)

1. Ensure the controller is powered off.
2. Press and hold the **HOME** button for approximately 3 seconds until the indicator light flashes rapidly, indicating pairing mode.
3. On your device (PC, iPhone, Android, or Switch), navigate to the Bluetooth settings.
4. Search for new devices and select "Xbox Wireless Controller" (or similar name) from the list to connect.
5. Once connected, the indicator light on the controller will become solid.

2.2.2 2.4GHz Wireless Connection (PC, Steam Deck, Tesla, Raspberry Pi)

1. Insert the 2.4GHz USB dongle into an available USB port on your PC, Steam Deck, Tesla, or Raspberry Pi.
2. Power on the controller by pressing the **HOME** button.
3. The controller should automatically connect to the dongle. The indicator light will become solid once connected.

2.2.3 Wired Connection (PC, Steam Deck)

1. Connect the controller to your PC or Steam Deck using the provided USB-C cable.
2. The controller will be recognized automatically as a wired gamepad.

2.3 Switching Between Modes

The controller features a mode switch key (often labeled 'M' or a similar icon) allowing you to seamlessly switch between different connection modes or configurations to suit your gaming preferences and platform.

3. OPERATING INSTRUCTIONS

3.1 RGB Lighting Effects

The X05 controller features customizable RGB lighting effects around the joysticks. You can choose from 7 color combinations and 5 diverse lighting modes (Brightness, Breathing, Colorful, Fade-Off) to personalize your gaming experience.



Stylish **RGB** Effects



7 colors combinations



5 diverse lighting modes

Brightness-Breathing-**Colorful**-Fade-Off



Figure 3.1: Customizable RGB Lighting

3.2 Hall Effect Joysticks and Triggers

The controller is equipped with Hall Effect sensors for both joysticks and triggers. This technology provides precise and reliable input detection, eliminating physical wear and stick drifting issues common in traditional controllers. The triggers offer a response time of less than 0.1ms for quick and accurate actions.

EasySMX™

「Hall」Effect Sticks

- ▶ Eliminates physical damage
- ▶ Ensures no more sticks drifting

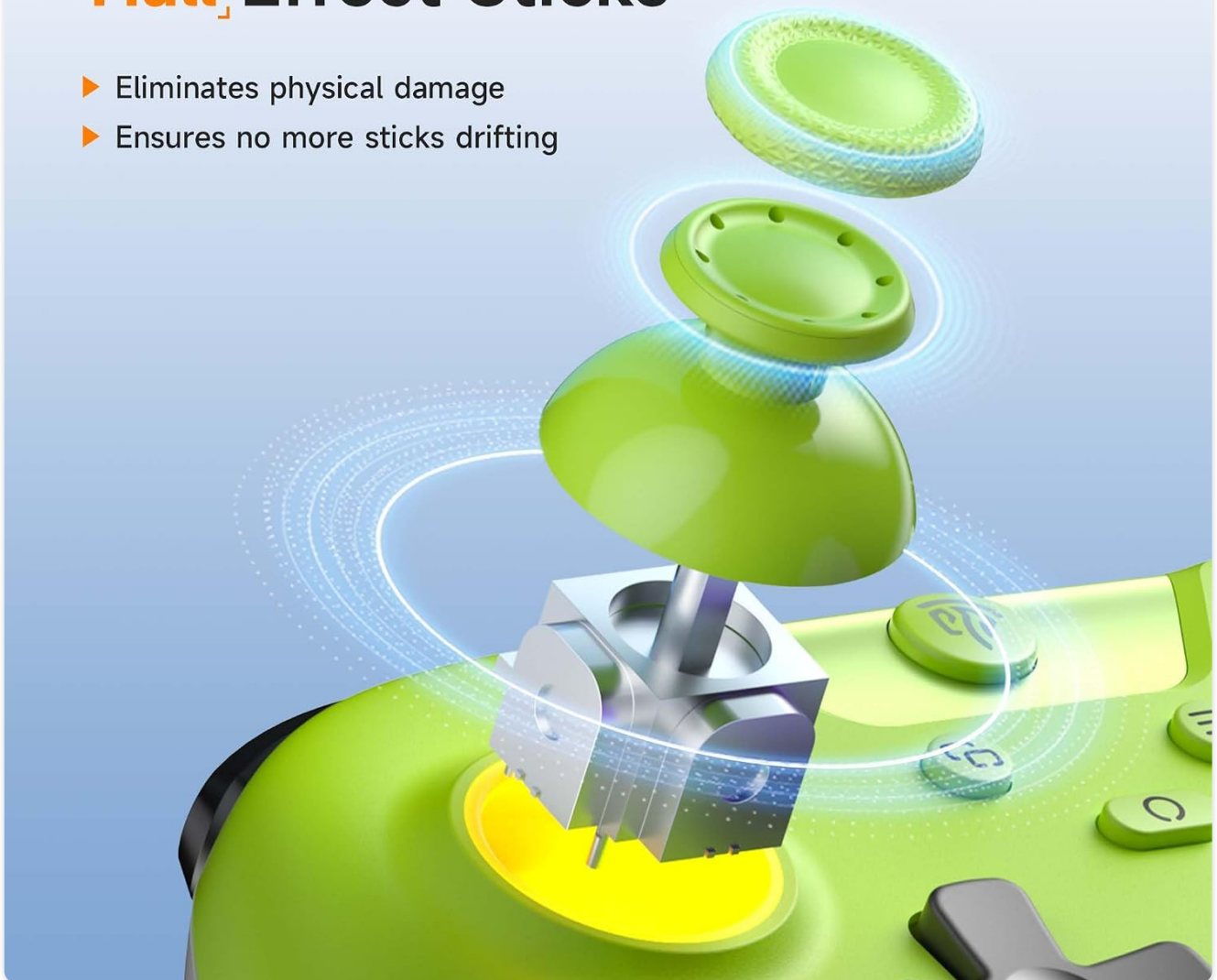


Figure 3.2: Hall Effect Joysticks

Finely Tuned Hall Effect Triggers



▶ Response time $\leq 0.1\text{ms}$



Figure 3.3: Hall Effect Triggers

3.3 Battery Life and Management

The X05 controller features an enlarged 750mAh NMC Lithium-ion battery, offering 1.5 times longer lifespan compared to traditional polymer lithium-ion batteries. This provides extended usage time for prolonged gaming sessions.

Enlarged 750mAh Battery Life

Better durability with Ternary Lithium Battery



Figure 3.4: 750mAh NMC Lithium-ion Battery

3.3.1 Power On/Off

- **Manual Power Off:** Press and hold the **HOME** button for 5 seconds.
- **Automatic Power Off:** The controller turns off automatically after 5 minutes of inactivity to conserve battery.

3.4 Turbo Function

The Turbo function allows for rapid, repeated input of a button with a single press. To set the Turbo function for A/B/X/Y/LB/LT/RB/RT buttons:

- **Activate Turbo:** Press **M + (desired button)** simultaneously.
- **Deactivate Turbo:** Press **M + (same desired button)** again.

3.5 Adjustable Vibration

The controller offers 5 levels of adjustable vibration feedback, allowing you to customize the intensity for a more immersive gaming experience.

4. MAINTENANCE

To ensure the longevity and optimal performance of your EasySMX X05 controller, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to wipe the controller. For stubborn dirt, a slightly damp cloth can be used, but ensure no moisture enters the controller.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity.
- **Handling:** Avoid dropping the controller or subjecting it to strong impacts. Do not disassemble the controller, as this may void the warranty.
- **Charging:** Use only the provided USB-C cable or a certified equivalent for charging. Avoid overcharging the battery.

5. TROUBLESHOOTING

If you encounter issues with your EasySMX X05 controller, please refer to the following common solutions:

5.1 Connectivity Issues

- **Controller Not Connecting:**
 - Ensure the controller is fully charged.
 - Re-pair the controller with your device by following the steps in Section 2.2.1.
 - Try a different connection method (wired, Bluetooth, or 2.4GHz dongle) if available.
 - Ensure your device's Bluetooth is enabled and discoverable.
- **Intermittent Disconnections:**
 - Move closer to your device to reduce interference.
 - Ensure there are no large metallic objects or other wireless devices causing interference between the controller and your device.
 - Update your device's Bluetooth drivers if connecting to a PC.

5.2 Latency on Nintendo Switch

Some users may experience noticeable input latency when using the controller wirelessly with the Nintendo Switch. While the controller is compatible, for competitive gaming or situations where minimal delay is critical, a wired connection or an official Nintendo Switch Pro Controller might offer a more responsive experience.

5.3 Battery Life Shorter Than Expected

- Ensure the controller is fully charged before use.
- High brightness settings for RGB lighting can consume more power. Consider adjusting the RGB lighting modes or turning them off to extend battery life.
- The 750mAh NMC Lithium-ion battery offers good endurance, but continuous heavy use will deplete it faster.

5.4 Joystick or Trigger Malfunction

- If joysticks are drifting or triggers are not responding correctly, ensure no debris is obstructing their movement.
- The Hall Effect technology minimizes physical wear, but extreme force or damage can still affect performance.
- If issues persist after basic checks, please contact EasySMX customer support for assistance.

6. SPECIFICATIONS

Feature	Description
Model Number	X05
Connectivity	2.4G Wireless, Bluetooth, Wired (USB-C)
Compatibility	PC, Steam, Switch, iPhone, Android
Joysticks & Triggers	Hall Effect Sensors
Battery	Built-in 750mAh NMC Lithium-ion Battery
RGB Lighting	7 Colors, 5 Lighting Modes
Vibration	Adjustable 5-level Vibrations
Product Dimensions	6.5 x 4.7 x 2.7 inches
Item Weight	11.2 ounces
Manufacturer	EasySMX

7. WARRANTY & SUPPORT

For detailed warranty information, technical support, or to inquire about replacement parts, please visit the official EasySMX website or contact their customer service department directly. It is recommended to keep your purchase receipt as proof of purchase for any warranty claims.

EasySMX Official Website: www.easysmx.com