

EasySMX X05

EasySMX X05 Wireless Controller User Manual

Model: X05 | Brand: EasySMX

1. INTRODUCTION AND OVERVIEW

The EasySMX X05 Wireless Controller is a versatile gamepad designed for an enhanced gaming experience across multiple platforms. It features Hall Effect joysticks and triggers for precise control, customizable RGB lighting, and a durable 750mAh NMC Lithium-ion battery. This manual provides detailed instructions for setting up, operating, and maintaining your controller.



Image 1.1: Front view of the EasySMX X05 Wireless Controller in white.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- EasySMX X05 Wireless Controller
- USB-C Charging Cable (Ceramic)
- User Manual

3. PRODUCT FEATURES

The EasySMX X05 controller incorporates several advanced features for optimal performance:

- **RGB Lighting:** The X05 game controller features RGB lighting effects, allowing you to change the lighting to your preferences and creating an immersive gaming experience.



Image 3.1: The X05 controller with its customizable RGB lighting effects.

- **Hall Effect Joysticks and Triggers:** Enjoy enhanced joystick control with our four Hall Effect sensors. These sensors provide precise and reliable input detection, allowing for smoother and more accurate movement in-game. Whether you're navigating through virtual worlds or aiming with precision, our Hall Effect technology ensures a seamless gaming experience.

EasySMX™ Hall Effect Sticks

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

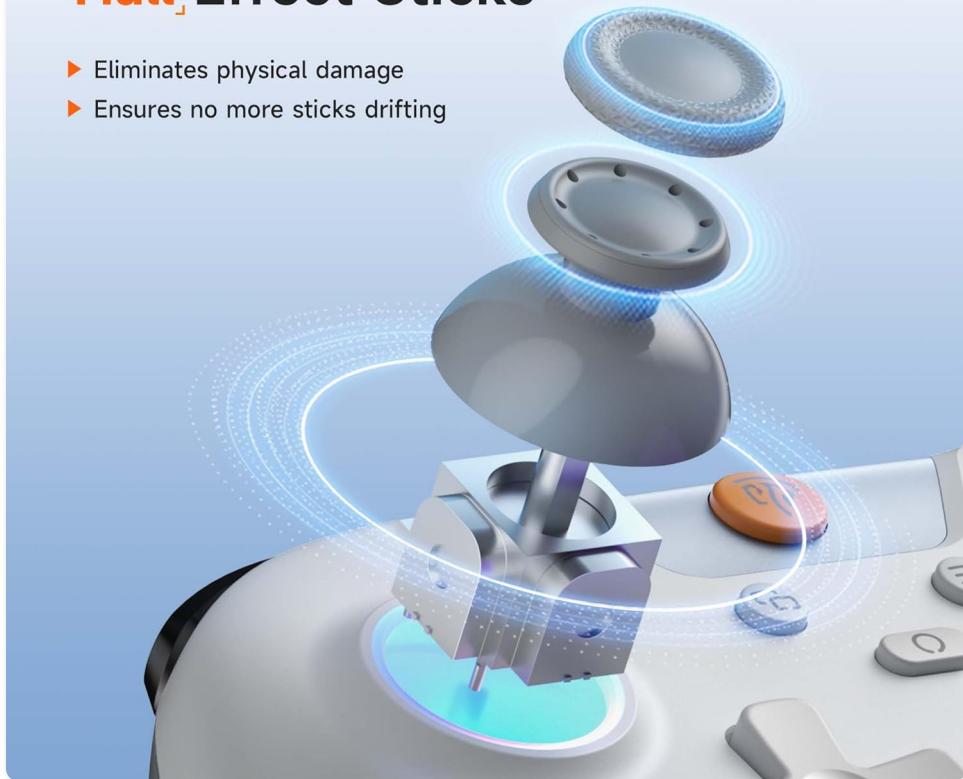


Image 3.2: Internal view highlighting the Hall Effect sticks for precise control.

Finely Tuned Hall Effect Triggers

- ▶ Response time $\leq 0.1\text{ms}$

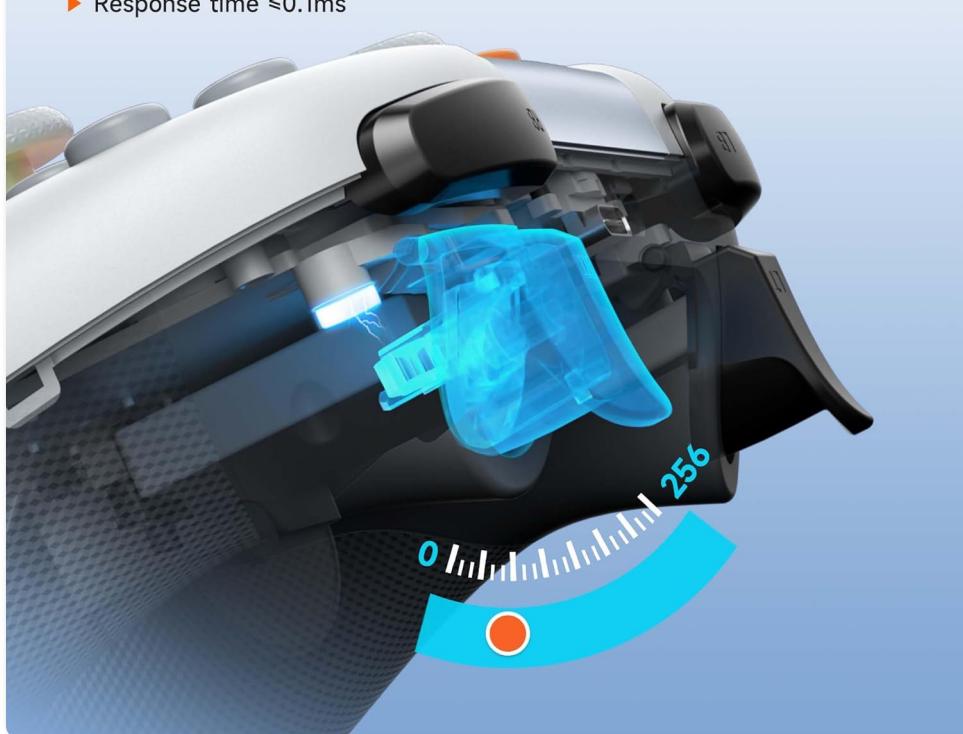


Image 3.3: Internal view highlighting the Hall Effect triggers with fast response time.

- **Ceramic Charging Cable:** Your X05 PC controller's ceramic charging cable ensures a stable and reliable wireless connection, minimizing signal interference and providing a seamless gaming experience. It also offers low power consumption, extending the usage time.



Image 3.4: Illustration of the ceramic chip antenna for enhanced stability and minimized latency.

- **750mAh NMC Lithium-ion Battery:** Compared to traditional polymer lithium-ion batteries, the NMC lithium-ion battery in the game controller offers 1.5 times longer lifespan.

Enlarged 750mAh Battery Life

Better durability with Ternary Lithium Battery



Ternary Lithium Battery

- **Longer** Life
- **Larger** Battery capacity
- **More** Charge/Discharge times

Lithium Polymer Battery

- General Life
- General Battery capacity
- General Charge/Discharge times

VS

Image 3.5: Visual comparison highlighting the benefits of the 750mAh Ternary Lithium Battery.

- **Multi-Platform Compatibility:** Our controller is designed to be compatible with various platforms, including PC, Switch, iPhone, and Android. This versatility ensures that users can enjoy the same controller across various devices, providing a consistent gaming experience.



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

X

NOT COMPATIBLE

Not compatible with Xbox and Fire TV

Image 3.6: Overview of the controller's multi-platform compatibility, including Switch, Bluetooth, 2.4GHz, and Wired modes.

- **Free Switching:** The game controller offers a mode switch key, allowing you to seamlessly switch between different modes or configurations to suit their gaming preferences.
- **Adjustable 5-level Vibrations:** The controller features adjustable vibration feedback with 5 levels (0%, 25%, 50%, 75%, 100%) for enhanced immersion.

Adjustable 5-level Vibrations

Better vibrations for immersion



Image 3.7: Visual representation of the 5-level adjustable vibration feature.

- **Anti-slip Texture:** The controller features a finely carved anti-slip texture on its grips for improved handling and comfort during extended gaming sessions.



Image 3.8: Detail of the finely carved anti-slip texture on the controller's grips.

- **Rocker Caps:** Increase precision and smoothness of operation. Reduce the difficulty of manipulating the joystick. Extend the life of the joystick. Provide a better feeling of use.



Image 3.9: Illustration of rocker caps designed to enhance joystick control and durability.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the controller using the provided USB-C cable. Connect the cable to the controller's charging port and a USB power source (e.g., computer USB port, USB wall adapter). The charging time is approximately 2-3 hours.

4.2 Connecting to Devices

The X05 controller supports multiple connection methods:

4.2.1 Bluetooth Connection (PC, Android, iPhone, Steam Deck)

1. Ensure the controller is powered off.
2. Set the mode switch on the back of the controller to 'BT' (Bluetooth).
3. Press and hold the 'M' button (Mode button) on the controller until the indicator lights start flashing rapidly, indicating pairing mode.
4. On your device (PC, Android, iPhone, Steam Deck), go to Bluetooth settings and search for new devices.
5. Select 'EasySMX X05' from the list of available devices to pair.
6. Once connected, the indicator light on the controller will become solid.

4.2.2 2.4GHz Wireless Connection (PC, Steam Deck, Android TV)

1. Ensure the controller is powered off.
2. Set the mode switch on the back of the controller to '2.4G'.
3. Insert the 2.4GHz USB receiver into an available USB port on your PC, Steam Deck, or Android TV.
4. Press the 'Home' button on the controller to power it on. The controller will automatically connect to the receiver.
5. The indicator light on the controller will become solid once connected.

4.2.3 Wired Connection (PC, Switch)

1. Ensure the controller is powered off.
2. Set the mode switch on the back of the controller to 'Wired' (if applicable, otherwise connect directly).
3. Connect the USB-C cable from the controller to a USB port on your PC or Nintendo Switch dock.
4. The controller will automatically be recognized by the device.

4.2.4 Nintendo Switch Connection

1. On your Nintendo Switch, go to 'System Settings' > 'Controllers and Sensors' > 'Pro Controller Wired Communication' and ensure it is set to 'On'.
2. Set the mode switch on the back of the controller to 'NS' (Nintendo Switch).
3. Follow the Bluetooth or Wired connection steps as described above.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- **Power On:** Press the 'Home' button to turn on the controller.
- **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.



Image 5.1: Instructions for manual and automatic power off of the controller.

5.2 RGB Lighting Adjustment

The controller offers 7 color combinations and 5 diverse lighting modes (Brightness, Breathing, Colorful, Fade-Off). Refer to the controller's specific button combinations for adjusting RGB effects, typically involving a dedicated lighting button or a combination with the 'M' button.

5.3 Vibration Adjustment

To adjust the vibration intensity (0%, 25%, 50%, 75%, 100%), use the designated button combination, usually involving the 'M' button and a directional input or specific button.

5.4 Turbo Function Setup

The Turbo function allows for rapid, repeated input of a button press. To set up Turbo:

1. Press the 'M' button + the desired action button (A/B/X/Y/LB/LT/RB/RT) to activate Turbo for that button.
2. Press 'M' button + the same action button again to deactivate Turbo for that button.



Image 5.2: Step-by-step guide for activating and deactivating the Turbo function.

5.5 Screenshot Function

The controller includes a dedicated screenshot button for capturing in-game moments. Press the screenshot button (usually indicated by a camera icon) to take a screenshot on compatible platforms.

6. MAINTENANCE

6.1 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 surface and internal

components.

6.2 Storage

Store the controller in a cool, dry place away from direct sunlight, extreme temperatures, and high humidity. When not in use for extended periods, ensure the controller is fully charged before storage to preserve battery health.

6.3 Battery Care

To maximize the lifespan of the NMC Lithium-ion battery:

- Avoid completely draining the battery before recharging.
- Do not expose the controller to temperatures above 60°C (140°F) or below -10°C (14°F).
- Use only the provided charging cable or a certified equivalent.

7. TROUBLESHOOTING

If you encounter issues with your EasySMX X05 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 and wait a few minutes before attempting to power on again.
Controller does not connect to device.	Verify the mode switch is set correctly (BT, 2.4G, NS, or Wired). Ensure the device's Bluetooth is on and discoverable. For 2.4GHz, ensure the receiver is properly inserted. Try re-pairing the controller.
Buttons or joysticks are unresponsive.	Check if the controller is properly connected. Try restarting the controller and the device. Ensure no physical obstructions are affecting the buttons or joysticks.
Vibration is not working or too weak/strong.	Adjust the vibration intensity settings as described in Section 5.3. Ensure the game supports vibration feedback.
RGB lighting is not working.	Ensure the lighting feature is enabled and adjusted as described in Section 5.2.
Controller is not compatible with Xbox, Luna, or Nvidia GeForce Now.	This controller is explicitly not compatible with these platforms as stated in the product features. Please use it with compatible systems (PC, Switch, iPhone, Android, Steam Deck).

If the problem persists, please contact EasySMX customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail

Feature	Detail
Model Number	X05
Product Dimensions	2.95 x 4.69 x 6.5 inches
Item Weight	0.012 ounces
Battery Type	750mAh NMC Lithium-ion (1 12V battery required)
Compatibility	PC, Switch, iPhone, Android, Steam Deck
Connectivity	Bluetooth, 2.4GHz Wireless, Wired
Joysticks & Triggers	Hall Effect
Vibration	Adjustable 5-level
Special Features	RGB Lighting, Turbo Function, Screenshot Button, Anti-slip Texture
Date First Available	February 29, 2024

9. WARRANTY AND SUPPORT

EasySMX products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official EasySMX website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact EasySMX customer service:

- **Online Support:** Visit the EasySMX official website for FAQs and support resources.
- **Email Support:** Refer to your product packaging or the EasySMX website for the customer support email address.

Customers may encounter problems due to incorrect use of the item. Please contact the seller in advance if you have any questions before returning it.

Shenzhen Yisuma Network Technology Co., Ltd.
Room 802, Jiahe Building, Xianghe Sub-Zone, Mingtang Community, Shenzhen, China
Date: May 31, 2024

FCC ID: 2AUZP-X05

Model Numbers: X05, X10, X15, X20, X25, X30, X35, X40, X45, X50, X55, X60, X65, X70

To: Federal Communications Commission
An organization and Production Division, 475 L'Enfant Plaza, Washington, DC 20585, USA

Re: Shenzhen Yisuma Network Technology Co., Ltd. hereby declare that our product
EasySMX X05 (using multimode gaming controller) Model Number: X05, X10, X15,
X20, X25, X30, X35, X40, X45, X50, X55, X60, X65, X70 board, Schematic, Hardware
version, Software version, structure and internal parts are same, named differently due
to marketing purpose.

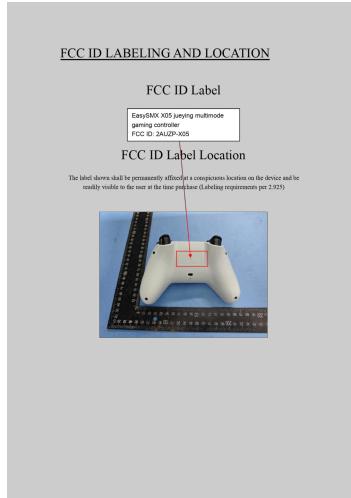
Should you have any questions or comments regarding this matter, please have my best
attention.

Sincerely,

Qa Bin
(Signed)
Name: Qa Bin / Engineer
Company: Shenzhen Yisuma Network Technology Co., Ltd.
Address: Room 802, Jiahe Building, Xianghe Sub-Zone, Mingtang Community, Shenzhen, China
Tel: +86-10-59100700
Fax: +86-10-59100705
E-Mail: 2AUZP-X05@163.com

[Shenzhen Yisuma Network Technology Co., Ltd. FCC ID Declaration for EasySMX X05 Gaming Controller](#)

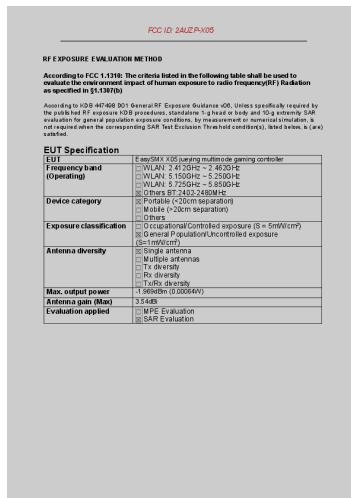
FCC ID declaration letter from Shenzhen Yisuma Network Technology Co., Ltd. for their EasySMX X05 multimode gaming controller, covering multiple model numbers.
lang:en score:26 filesize: 126.45 K page_count: 1 document date: 2024-05-31



[EasySMX X05 Gaming Controller FCC ID Labeling and Location](#)

Details the FCC ID label and its required placement for the EasySMX X05 gaming controller. Includes FCC ID: 2AUZP-X05 and manufacturer information.

lang:en score:26 filesize: 170.66 K page_count: 1 document date: 2024-05-31



[\[pdf\] Specifications SAR Rating](#)

tom RF exposure evaluation Shenzhen Yisuma Network Technology Co LTD X05 2AUZP 2AUZP X05 x05

[FCC ID: 2AUZP-X05 RF EXPOSURE EVALUATION METHOD According to FCC](#)

1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency RF Radiation as specified in 1.1307 b According to KDB 447498 D01 General RF Exposure Guidance...

lang:en score:26 filesize: 174.4 K page_count: 3 document date: 2024-05-31

US Agent for Service of Process LETTER OF ATTESTATION

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Adria Galin Pons Agent attestation letter Shenzhen Yisuma Network Technology Co LTD X05 2AUZP

2AUZPX05 x05

US Agent for Service of Process LETTER OF ATTESTATION TO: Office of
Engineering Technology Federal ... m Applicant: Company name: Shenzhen Yisuma
Network Technology Co., Ltd Product Description: EasySMX **X05** jueying multimode
gaming controller Grantee code: 2AUZP FCC ID: 2AUZP-**X05** FRN: 0028950889
Contact...

lang:en score:25 filesize: 84.02 K page count: 1 document date: 2024-05-31

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S6573a3f246e645b0860a2f10be8bae10c ae01 alicdn kf |||
2024-06-06 80mm*120mm 640mm*480mm 70g Kirry MiSans / Ai / PDF 4pt
3. 4. ; 5. 0.05mm: 6.: EasySMX-X05 ...
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EasySMX X05 Wireless Controller User Manual and Specifications

Comprehensive guide for the EasySMX X05 wireless controller, detailing setup, connection methods (USB receiver, Bluetooth), button functions, turbo and vibration features, technical specifications, troubleshooting, and compatibility with PC, Switch, PS4, PS3, and Android devices.

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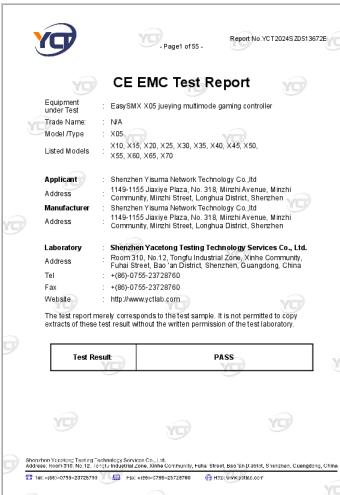


[pdf]

RED Certificate EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 17wq VtSxxXiUOqYwiM1a7B6jhEkSHPCV view usp link |||

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Measurement Report Kent 2024SZ0513672 EN 55032 EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 1BuRzJchaYvNIV7Y49NPXorn6J8eQVaYv view usp sharing |||

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CE Certificate EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 1OGoeLFi59rTF8lqa7a6qJj HuSQ8mlK view usp link |||

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Report No. VCT2024SZ0513673 300328

RADIO TEST REPORT-BLE
ETSI EN 300 328 V2.2.2 (2019-07)

Equipment under Test : EasySMX X05 joystick multimode gaming controller
Trade Mark : N/A
Model/Type : X05
Listed Models : X10, X15, X20, X25, X30, X35, X40, X45, X50,
X60, X65, X70, X75, X80, X85, X90, X95

Applicant : Shenzhen Yisuma Network Technology Co., Ltd
Address : Room 1008, No. 12, Tongda Industrial Zone, Xixiang Community, Minhang District, Shanghai, China
Manufacturer : Shenzhen Yisuma Network Technology Co., Ltd
Address : Room 1008, No. 12, Tongda Industrial Zone, Xixiang Community, Minhang District, Shanghai, China
Laboratory : Shenzhen Yicong Testing Technology Services Co., Ltd.
Address : Room 1008, No. 12, Tongda Industrial Zone, Xixiang Community, Minhang District, Shanghai, China
Tel : +86-021-52372860
Fax : +86-021-52312168
Website : www.yicong.com

The test report merely corresponds to the test sample. It is not permitted to copy extracts of this test result without the written permission of the test laboratory.

Test Result	PASS
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YCT YCT YCT

Shenzhen Yicong Testing Technology Services Co., Ltd.
Address: Room 1008, No. 12, Tongda Industrial Zone, Xixiang Community, Minhang District, Shanghai, China
Tel: +86-021-52372860 | Fax: +86-021-52312168 | E-mail: yicong@yicong.com

[pdf]

Measurement Report Kent 2024SZ0513673 300328 BLE EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 15xsvadQiglZptUFISewwwLpsVzQhzYuG view usp sharing |||

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lang:en score:11 filesize: 4.27 M page_count: 64 document date: 2024-05-31

Report No. BSL240915H-P01R01

FCC PART 15 SUBPART C TEST REPORT
FCC ID: 2AUZP-X05

Report Reference No.: BSL240915H-P01R01
FCC ID: 2AUZP-X05
Compiled by: (Last name, first name, middle initial), Engineer Cindy Zheng
Supervised by: (Last name, first name, middle initial), Manager Haley Wen
(Last name, first name, middle initial)
Approved by: (Last name, first name, middle initial)
Date of test: 2024-05-26, 2024
Testing Laboratory Name: BSL Testing Co., Ltd
Address: 1/F, Building B, Xinhaiqian OH Park, Shayan Street, Baian District, Shenzhen, Guangdong, 518057, People's Republic of China
Applicant's name: Shenzhen Yisuma Network Technology Co., Ltd
Address: Room 1008, Minhe Building, Xiangren 3rd Avenue, Xiangren Community, Minhang District, Shanghai, China
Test specification: FCC Part 15.247
Standard: IC RSS-247
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Equipment description: EasySMX X05 joystick multimode gaming controller
Trade Mark: N/A
Model/Type: X05
Listed Models: X10, X15, X20, X25, X30, X35, X40, X45, X50, X55, X60, X65, X70
Modulation: QPSK
Frequency: From 2402MHz to 2480MHz
Rating: DC 5.7V from battery or DC 5.0V from USB Port
Result: PASS

Page 1 of 31

[pdf]

EMC TRF Template Tara Mitchell FCC Certificate EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 1yYMiVneLmZRakB7cQpLhKNhtaF q5Ye view usp link |||

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lang:en score:10 filesize: 4.4 M page_count: 39 document date: 2024-06-03

EC Declaration of Conformity

Manufacturer: Shenzhen Yisuma Network Technology Co., Ltd
Address: 1140-1008, Xinyue Plaza, Longhua District, Shenzhen, Guangdong, China
Product Name: EasySMX X05 joystick multimode gaming controller
Model Number: X05
We herewith declare that the above mentioned products meet the harmonization standards, the provisions of the following EC Council Directives and Standards. All supporting documentation are retained under the premises of the manufacturer.
DIRECTIVES
Applicable EC Directive: Directive 2014/30/EU
Applicable harmonization standards:
EN 302-27-1:2014-12-2015
EN 302-27-2:2014-12-2015
EN 302-27-3:2014-12-2015
EN 61000-3-2:2014-02-2021
Name and position of person issuing the declaration or his authorized representative: Product Manager: *Stephen* *2024-05-14*
Signature: *Stephen* *2024-05-14*

YCT YCT YCT

[pdf] Declaration of Conformity

2025 05 14 11 36 CamScanner EC Declaration of Conformity EasySMX X05 PC Switch Steam Deck iOS Android Gaming Controller with Hall Effect Joysticks drive google file d 15
rEEHYFCqmJedzPDSVQmLKI0z74vBk8 view usp sharing |||

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