

MOBAPAD PRO-HD

MOBAPAD Hall Effect Drift-Proof Wireless Switch Controller User Manual

Model: PRO-HD | Brand: MOBAPAD

INTRODUCTION

This manual provides comprehensive instructions for the MOBAPAD Hall Effect Drift-Proof Wireless Switch Controller. Designed for enhanced gaming, this controller features advanced contactless joystick technology, ensuring a longer lifespan, greater durability, and smoother operation compared to traditional designs. Its drift-proof performance guarantees precise and accurate control input. Experience enhanced gaming with realistic HD Rumble feedback, simulating various tactile sensations for deeper immersion.

KEY FEATURES

- **Hall Electromagnetic Joysticks:** Contactless technology for drift-proof, precise control and extended durability.
- **HD Rumble:** Generated by ALPS dual-axis linear motors for realistic vibrations and tactile feedback.
- **Mechanical Face Buttons:** Durable buttons with a 5 million click lifespan, offering shorter throw, faster rebound, and instant trigger response.
- **6-Axis Gyroscope:** Supports motion sensing for compatible games.
- **Local Macro Programming:** Create and store macros directly on the controller without external software.
- **Turbo Function:** Independent Turbo button with two auto-shooting setups for rapid input.
- **NFC Reader:** Super sensitive NFC reader for Amiibo compatibility.
- **Interchangeable D-Pad:** Customize your D-pad with included options.
- **Remappable Back Paddles:** Two programmable back paddles (M1, M2) for personalized control, which can also be disabled.
- **Long Battery Life:** Equipped with a 1000mAh rechargeable lithium battery, providing approximately 30 hours of usage.
- **Multi-Platform Compatibility:** Connects wirelessly to Nintendo Switch (Pro/Lite/OLED), PC (via Bluetooth or wired), iOS (version 13 and above), and Android devices.

PACKAGE CONTENTS

- 1 x MOBAPAD Hall Effect Wireless Switch Controller
- 1 x USB-C to USB-A Charging Cable
- 1 x Interchangeable Cross-shaped D-Pad
- 1 x User Manual / Startup Guide



Image: The MOBAPAD controller in its packaging, showing the main unit and included accessories.

SETUP

Connecting to Nintendo Switch

1. On your Nintendo Switch, navigate to the HOME Menu.
2. Select "Controllers" from the bottom menu.
3. Choose "Change Grip/Order".
4. On the MOBAPAD controller, press the small pairing button located on the back (next to the M1/M2 buttons) once. The "M" logo will light up, and the channel LED will flash.
5. Once the controller is detected by the Switch, the channel LED will become solid, indicating a successful connection.

6-Axis Gyroscope

Supports 6-Axis Gyroscope motion sensing on the Switch



Image: The MOBAPAD controller connected and interacting with a Nintendo Switch console.

Connecting to PC (Windows) via Bluetooth

1. Ensure the controller is powered off (no LED lights).
2. Press and hold the Home button (M logo) until the middle channel LED flashes quickly.
3. On your PC, go to Bluetooth settings and search for "MOBAPAD PRO-HD".

4. Select the device to pair. Once connected, the LED will become solid.

Connecting to PC via Wired Connection

Connect the controller to your PC using the provided USB-C cable. The controller will automatically switch to wired mode. For Windows 10 and Steam games that support controller input, the mode is set to "Switch Pro mode".

Connecting to Apple Devices (iOS Version 13 or Above)

1. Ensure the controller is powered off (no LED lights).
2. Press and hold the Home button (M logo) until the middle channel LED flashes quickly.
3. Go to your iOS device's Bluetooth settings and search for "Xbox Wireless Controller".
4. Select the device to pair. Once connected, your phone will display "Connected" and the middle channel LED will become solid.

Connecting to Android Devices

1. Ensure the controller is powered off (no LED lights).
2. Press and hold the Home button (M logo) until the middle channel LED flashes quickly.
3. Go to your Android device's Bluetooth settings and search for "MOBAPAD PRO-HD".
4. Select the device to pair. Once connected, your phone will display "Connected" and the middle channel LED will become solid.

OPERATING INSTRUCTIONS

Controller Layout and Functions



Image: Front view of the MOBAPAD controller, highlighting buttons and joysticks.

- **A/B/X/Y Buttons:** Mechanical face buttons for crisp, responsive input.
- **Hall Effect Joysticks:** Contactless joysticks for precise, drift-free movement.
- **D-Pad:** Interchangeable D-pad (comes with a circular and a cross-shaped option).
- **Turbo Button:** Activates rapid-fire function.
- **Macro Programming Button:** Used to record and execute complex button sequences.
- **Screenshot Button:** Captures in-game screenshots.
- **Home Button:** Returns to the home screen.
- **NFC Area:** Located near the Home button, supports Amiibo scanning.
- **USB-C Port:** Located on the top, used for charging and wired connection.
- **M1/M2 Back Paddles:** Two remappable buttons on the underside for custom commands.
- **Pairing Button:** Small button on the back for initiating Bluetooth pairing.
- **Reset Hole:** Small pinhole for resetting the controller if needed.

Interchangeable D-Pad

The controller comes with two D-pad options: a pre-installed circular D-pad and an additional cross-shaped D-pad. To change the D-pad, simply lift the current D-pad off the controller and align the new D-pad with the magnetic base, then gently press it into place.

Interchangeable Joysticks and 2 Kinds of D-Pad



Image: Close-up view of the interchangeable D-pad mechanism and the two D-pad styles.

Macro Programming

The MOBAPAD controller supports local macro programming. Refer to the included startup guide for detailed steps on how to record and assign macros to the M1 and M2 back paddles.

Auto-Off Feature

The controller features an auto-off function to conserve battery. If connected to a Nintendo Switch, the controller will go to sleep when the Switch enters sleep mode. If not connected to any device, the controller will automatically power off after 15 minutes of inactivity.

MAINTENANCE

- Keep the controller clean by wiping it with a soft, dry cloth.
- Avoid exposing the controller to extreme temperatures, direct sunlight, or moisture.
- Store the controller in a safe place to prevent physical damage.

TROUBLESHOOTING

- **Controller not pairing:** Ensure the controller is fully charged. Try resetting the controller by inserting a thin object into the reset hole on the back. Re-initiate the pairing process on both the controller and your device.
- **Input lag or disconnection:** Ensure you are within the effective range of your device's Bluetooth. Minimize interference from other wireless devices.
- **Buttons not responding:** Check if the controller is charged. If the issue persists, try resetting the controller.

SPECIFICATIONS

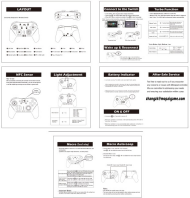



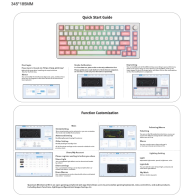

Feature	Detail
Model No.	PRO-HD
Manufacturer	Dongguan Heng xun Energy Technology CO., Ltd.
Battery Capacity	1000mAh Lithium Battery
Estimated Battery Life	~30 hours
Charging Port	USB-C
Joystick Technology	ALPS Hall-Effect (Drift-Proof)
Rumble Feedback	HD Rumble (ALPS Dual-Axis Linear Motors)
Motion Control	6-Axis Gyroscope
Button Type	Mechanical Face Buttons
NFC Support	Yes (for Amiibo)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the

official MOBAPAD website. Keep your purchase receipt as proof of purchase.

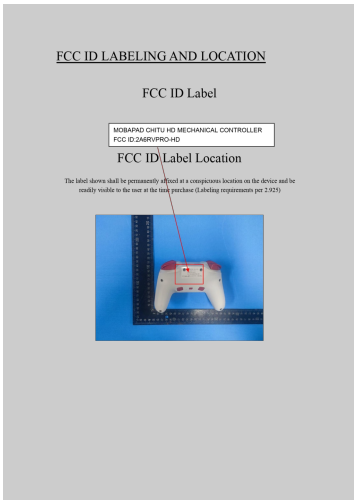
Related Documents - PRO-HD

	<p>MOBAPAD ChiTu Controller User Guide: Setup, Features, and Functions</p> <p>Detailed user guide for the MOBAPAD ChiTu wireless controller for Nintendo Switch. Learn about controller layout, connecting to Switch, turbo function, macro setup, battery indicator, and after-sale service.</p>
	<p>Fantech EOS PRO IIS WGP15V25 Wireless Controller Quick Start Guide</p> <p>Comprehensive guide to setting up and using the Fantech EOS PRO IIS WGP15V25 wireless controller, covering specifications, product tour, connection methods, and key features like trigger locks, calibration, lighting, and macro functions.</p>
	<p>GameSir T4 Cyclone Pro Wireless Pro Controller - User Manual & Specifications</p> <p>Comprehensive guide to the GameSir T4 Cyclone Pro wireless pro controller, featuring Hall Effect joysticks, dual motors, 6-axis gyro, multi-platform compatibility (PC, Switch, Android, iOS), and customizable RGB lighting. Includes setup, features, and specifications.</p>
	<p>TERIOS P4-5SH Wireless Controller for PS4: User Manual and Features</p> <p>Comprehensive guide to the TERIOS P4-5SH wireless controller for PS4, featuring Hall Effect joysticks for no drift, built-in speaker, programmable buttons, and turbo function. Learn about setup, charging, operation, and troubleshooting.</p>
	<p>Inland MK PRO V2 Max Keyboard: Quantum Mechanical Kit Guide</p> <p>Learn how to personalize your Inland MK PRO V2 Max RGB Wireless Tri-Mode Magnetic Keyboard using the Quantum Mechanical Kit web app. Features include key settings, lighting customization, macro recording, and sharing options.</p>
	<p>Zebronic MAX LONKPro Wireless Gamepad User Manual</p> <p>User manual for the Zebronic MAX LONKPro Wireless Gamepad, detailing its features, specifications, controls, pairing instructions, and charging methods.</p>

[pdf] Guide

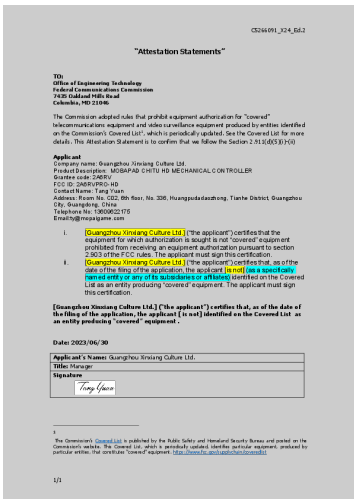


MOBAPAD Hall Effect Drift Proof Wireless Switch Controller for Pro Lite OLED with HD Rumble
Local Macro Turbo ALPS Joysticks Mechanical Face Buttons Best Alternative to 1st Party PRO User
Guide Dongguan Heng xun Energy Technology CO Ltd D1xaRTkI0 L m media amazon images I |||
MOBAPAD CHITU HD MECHANICAL CONTROLLER Hall Electromagnetic Joysticks
Mechanical Buttons HD Linear Motors Six-Axis Gyro NFC Feel free to reach out to us
if you need ANY help with the controller. We ll get back to you within 5 hours. Email:
aliceshao mopaigame.com DEVICE LAYOUT Screenshot Minus B...
lang:en score:29 filesize: 9.52 M page_count: 8 document date: 2023-06-15



[pdf] Label

user ID label and location Guangzhou Xinxiang Culture Ltd PRO HD 2A6RVPRO 2A6RVPROHD pro hd
FCC ID LABELING AND LOCATION FCC ID Label MOBAPAD CHITU HD
MECHANICAL CONTROLLER FCC ID:2A6RV**PRO-HD** FCC ID Label Location The
label shown shall be permanently affixed at a conspicuous location on the device and
be readily visible to the user at the time purchase Labeling requirements per 2.925 ...
lang:en score:18 filesize: 516.17 K page_count: 1 document date: 2023-07-13



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Adria Galin Pons Attestation Statements Guangzhou Xinxiang Culture Ltd PRO HD 2A6RVPRO
2A6RVPROHD pro hd
Attestation Statements C5266091_X24_Ed.2 TO: Office of Engineering Technology
Federal Communicat ... e Ltd. Product Description: MOBAPAD CHITU HD
MECHANICAL CONTROLLER Grantee code: 2A6RV FCC ID: 2A6RV**PRO-HD**
Contact Name: Tang Yuan Address: Room No. C02, 6th floor, No. 336,
Huangpu Dadaozhong, Tianhe ...
lang:en score:17 filesize: 93.92 K page_count: 1 document date: 2023-07-13

US Agent for Service of Process LETTER OF ATTESTATION

TSB

Office of Engineering Technology

Federal Communications Commission

430 National Mall, NE, Room 300

Columbia, MD 21004

US Agent for Service of Process

Guangzhou Xinxiang Culture Ltd

PRO HD 2A6RVPRO 2A6RVPROHD

Guarantee code: 2A6RV

FCC ID: 2A6RVPRO-HD

Contact Name: Tang Yuan

Address: Room No. C02, 6th floor, No. 336, Huangpuadangzhong, Tianhe District, Guangzhou

Telephone: (86) 20 33602015

Email: yuanyuan@163.com

Applicant:

Company Name: Guangzhou Xinxiang Culture Ltd

Product Description: MOBAPAD CHITU HD MECHANICAL CONTROLLER

Guarantee code: 2A6RV

FCC ID: 2A6RVPRO-HD

Contact Name: Tang Yuan

Address: Room No. C02, 6th floor, No. 336, Huangpuadangzhong, Tianhe District, Guangzhou

Telephone: (86) 20 33602015

Email: yuanyuan@163.com


[Guangzhou Xinxiang Culture Ltd.] certifies that, as of the date of this filing of the application with the FCC, [Guangzhou Xinxiang Culture Ltd.] is not a designated US agent for service of process for the above referenced FCC ID. [Guangzhou Xinxiang Culture Ltd.] accepts to maintain an agent for no less than one year after the grantee has terminated all manufacturing and importation or the conclusion of any commission related proceeding involving equipment. [Guangzhou Xinxiang Culture Ltd.] accepts, as of the date of the filing of the application, the designation of the designated US agent for service of process for the above referenced FCC ID.

The US Agent for Service of Process is aware of and agrees to comply with the requirements outlined in the FCC Equipment Authorization Program, Report and Order FCC 22-84, and clause 5.3.1.1.


The Applicant is aware of and agrees to comply with the requirements outlined in the FCC Equipment Authorization Program, Report and Order FCC 22-84, and clause 5.3.1.1.

Date: 2023/07/13

Applicant's Name: Guangzhou Xinxiang Culture Ltd.

Signature: 

US Agent for Service of Process's Name: SAI BEYONCE TANG LTD

Signature: 

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[pdf] Agent Authorization

Adria Galin Pons US Agent Letter Guangzhou Xinxiang Culture Ltd PRO HD 2A6RVPRO 2A6RVPROHD

pro hd

US Agent for Service of Process LETTER OF ATTESTATION TO: Office of Engineering Technology Federal ... e Ltd. Product Description: MOBAPAD CHITU HD MECHANICAL CONTROLLER Grantee code: 2A6RV FCC ID: 2A6RV**PRO-HD**

Contact Name: Tang Yuan Address: Room No. C02, 6th floor, No. 336,

Huangpudadaozhong, Tianhe ...

lang:en score:17 filesize: 84.18 K page_count: 1 document date: 2023-07-13

FCC ID: 2A6RVPRO-HD

RF EXPOSURE EVALUATION METHOD

According to VDB 447498 D01 General RF Exposure Guidance v06, Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold conditions, listed below, is and is satisfied.

For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:
[max. power of channel, including time-averaging, mW] / (min. test separation distance, mm) ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where f_{test} is the RF channel center frequency in GHz.
Power and distance are rounded to the nearest mW and mm before calculation.
This result is rounded to one decimal place for comparison.

According to FCC 1.1316, The criteria listed in the following table shall be used to evaluate the expected impact of human exposure to radio frequency (RF) radiation as specified in §1.1317(b).

EUT Specification

Frequency band (operating)	<input type="checkbox"/> WLAN 2.412GHz ~ 2.462GHz <input type="checkbox"/> WLAN 5.150GHz ~ 5.250GHz <input type="checkbox"/> WLAN 5.725GHz ~ 5.850GHz <input type="checkbox"/> Others BT 2402-2480MHz
Device category	<input type="checkbox"/> Portable (≥ 20 cm separation) <input type="checkbox"/> Mobile (≥ 20 cm separation) <input type="checkbox"/> Others
Exposure classification	<input type="checkbox"/> Occupational/Controlled exposure (S = 5mW/cm ²) <input type="checkbox"/> General Population/Uncontrolled exposure (S = 1mW/cm ²)
Antenna diversity	<input type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
Max. output power	1.6W (EIRP) (SPT2.64W)
Antenna gain (Max)	0 dB
Evaluation applied	<input type="checkbox"/> SAR Evaluation <input type="checkbox"/> SAR Evaluation

[pdf] Specifications SAR Rating

tom RF Exposure Guangzhou Xinxiang Culture Ltd PRO HD 2A6RVPRO 2A6RVPROHD pro hd

FCC ID: 2A6RV**PRO-HD** RF EXPOSURE EVALUATION METHOD According to KDB

447498 D01 General RF Exposure Guidance v06, Unless specifically required by the

published RF exposure KDB procedures, standalone 1-g head or body and 10-g

extremity SAR evaluation for general population exposure conditions, by meas...

lang:en score:16 filesize: 238.5 K page_count: 3 document date: 2023-07-27