



Dongguan Together Electronic P404B Wireless Game Controller Instruction Manual

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Dongguan

Together with Electronic P404B Wireless Game Controller
Instruction Manual

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P404B Operating Instructions

- Wireless game controller
- Model: P404B
- FCC ID: 2A4LP-P404B
- Manufacturer: Dongguan Together Electronic CO., LTD
- Address: 501Room,5F 1B 81# Dapantian road,
- Dalingshan Town Dongguan City Guangdong Province

Overview

Bluetooth module MP333 base on 2.1+EDR Core Specification Version, establish a bidirectional data transfer channel through UART interface between Game consoles and client's MCU. According to the content of the commands list, the Client's MCU may send the corresponding commands to set the Bluetooth module into different conditions or send or receive data on the GATT layer, Bluetooth module's status also can be read through commands.

Key components

Y1: 12MHzCrystal oscillator, provide a clock source for MP01010 used to make sure the system works properly.
U3: MP01010 Bluetooth IC, main controller.

Work principle

1. RF part circuit

The Rf transceiver circuit consists of antenna equipment.

2. Receive mode

By antenna and wireless signal transmission to the Bluetooth IC, Bluetooth IC processing received signal, through the UART, sent to the microcontroller.

3. Transmit mode

Module after receiving data from the client MCU through internal baseband processing, spread by the antenna into the air.

Performance parameters

- Voltage range: 3.3v~4.3v
- Bluetooth specification: BT2.1+EDR
- Maximum transmit power:-5.48dBm
- Antenna gain: 0dBi

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
 - (2) this device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Documents / Resources

P404B Operating Instructions

Model Name: P404B
Model No: P404B
Model No: P404B

1. Overview
The P404B is a wireless game controller that is compatible with PC, PS4, PS5, Xbox One, and Xbox Series X/S. It features a rechargeable battery and a USB-C charging cable. The controller is designed for comfort and ease of use, with a ergonomic grip and responsive buttons.

2. Key components
The P404B consists of the following key components:
- USB-C charging cable
- Rechargeable battery
- Gamepad
- Joystick
- D-pad
- Action buttons
- Trigger buttons
- Share button
- Touchpad

3. Work principle
The P404B operates using a wireless connection to the console or PC. It is powered on by pressing the PS button (or the Xbox button on Xbox One/Series X/S). The controller is designed to provide a responsive and accurate gaming experience.

4. Safety instructions
Please read the following safety instructions carefully before using the P404B:
- Do not use the controller near water or other liquids.
- Do not use the controller near fire or other heat sources.
- Do not use the controller if you are pregnant or have a medical condition that may be affected by electromagnetic interference.

5. Troubleshooting
If you experience any issues with the P404B, please refer to the troubleshooting section of the user manual for more information.

6. Contact information
For more information, please contact our customer support team at support@dongguan-together.com.

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