

Maxwise Manufacturing Corp.

PS2 RF Wireless (USA) Specification

For PS2 RF Wireless Joystick Application
- USA version

PS2 RF Wireless JoyStick Specification / Guide USA Design

Features

Game Pad Part:

- Built power switch.
- Special design for battery cover.
- Rubberized hand grips.
- Support 8 players at the same time.
- 2 PWM for motors control
- Support Digital mode, Analog mode.
- Four special functions: TURBO, PROGRAM.

RF Part:

- This PS2 design includes one RF Pad and one Receiver Unit as a Set.
- The RF Pad can be set to digital and analog mode (that the game allows).
- The RF Pad supports Mode Locking.
- Operating voltage: 6.0V (4x"AAA" Not Including)
- Compatible with frequency standard (902-928MHz).
- Channels must be matched on both the RF Pad and the Host Unit. User can use any Channel for any Port. All channels are stand-alone. Most users will never need to change from this default channel.
- Customer can choose amount of channels desired in their PS2 RF Pad product.
- Range up to 18m.
- Battery Life (4 x "AAA" size batteries) - depending on type of battery, we estimate a battery life of approx 100hrs or above. Energizer "AAA" batteries, or equivalent.
- Game Console Refresh Rate: comparable to wired original Pad.
- Supports all 12 Analog Channels and all Digital Buttons.
- Supports Dual Shock PS2 Rumble.
- Supports Full Analog PS2 mode.
- Design fully compatible with PS2, PSone and PSX.

Function explanation

Turbo Function – The turbo function allows to set any button as "Rapid Fire".

Turbo procedure

- 1) Push and hold the turbo button
- 2) Push the button, which requires the rapid fire.
- 3) Release buttons

Key definition (program function) – The program button allows users to fully customize the digital buttons to fit their own operating habit. It changes the mapping of the physical button to another button as described below.

Programming procedure

- 1) Push “program” button
- 2) Push button (Button_1) to be programmed
- 3) Push button (Button_2) that you want to be programmed

Button_1 is now programmed as Button_2

LED's – RECEIVER Unit

The *GREEN LED* flashes when valid data is received. This LED should flicker at a constant rate on a functional product while it is within range and on a channel with no RF noise. If this LED is OFF for extended periods of time then the RF link is not solid (due to range or noise). Try moving closer or moving to a different channel.

LED's – WIRELESS PAD Unit

The *RED LED* is Off for Digital Mode, On for Analog Mode.

Power Selection Options

1. Power Switch – in this configuration the power switch turns the power ON & OFF.

16 Channels For US Version

Different channels are required when using multiple Peripheral-Link sets side by side, or in the unlikely event that a channel is noisy. Channel selection (using DIP4 switches ON or OFF) 16 combinations are possible.

Modifications not authorized by the manufacturer may void users authority to operate this device.

NOTE:

This equipment has been tested and found to comply with 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 instruction, 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.

**FCC ID: Q2VIAOMIE3
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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.