

PS3A.23 TwinShock™ 3 Atomic RF PS3 Controller - User Guide

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1. General Description

TwinShock™ 3 is a precision wireless controller with **REAL** 6-axis motion control, compatible with PlayStation™ 3 systems with firmware from version 2.50 up.

Recognized directional movements includes yaw, pitch and roll so that 3D movements can be detected with great accuracy during gameplay.

Ergonomic design with built-in rechargeable Li-ion batteries.

The Macro feature allows the player to optimize the gaming experience.

Plug & Play design conceived for easy and simple pairing with the console and stable connection.

2. System Requirements

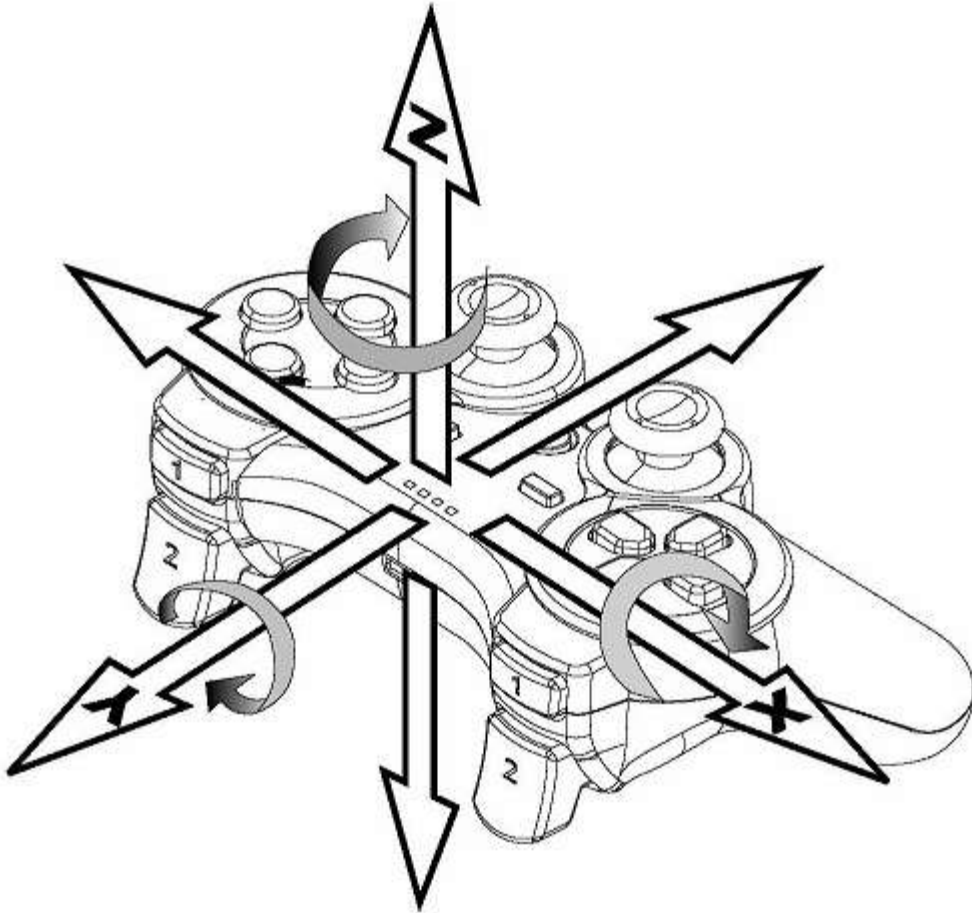
Compatible to both PlayStation™ 3 Slim consoles and previous PlayStation™ 3 standard consoles (old version).

Firmware Version : 2.5 or later

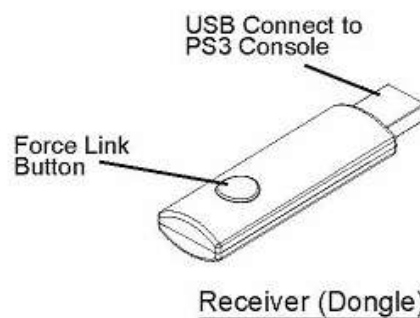
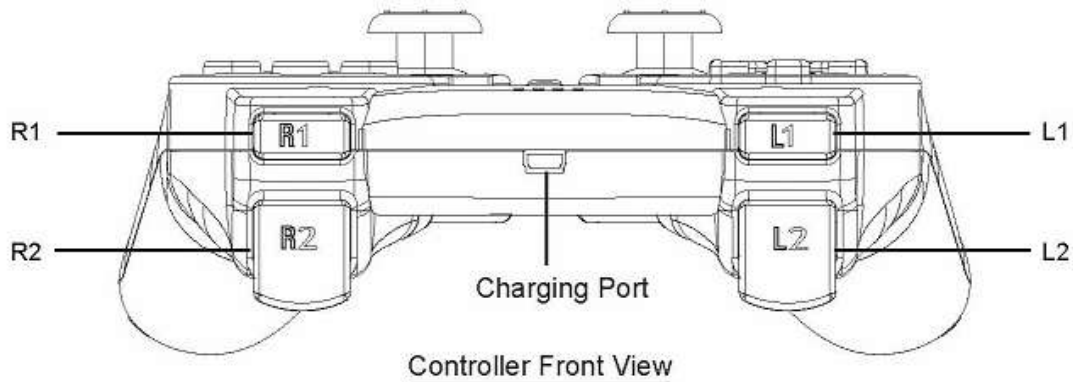
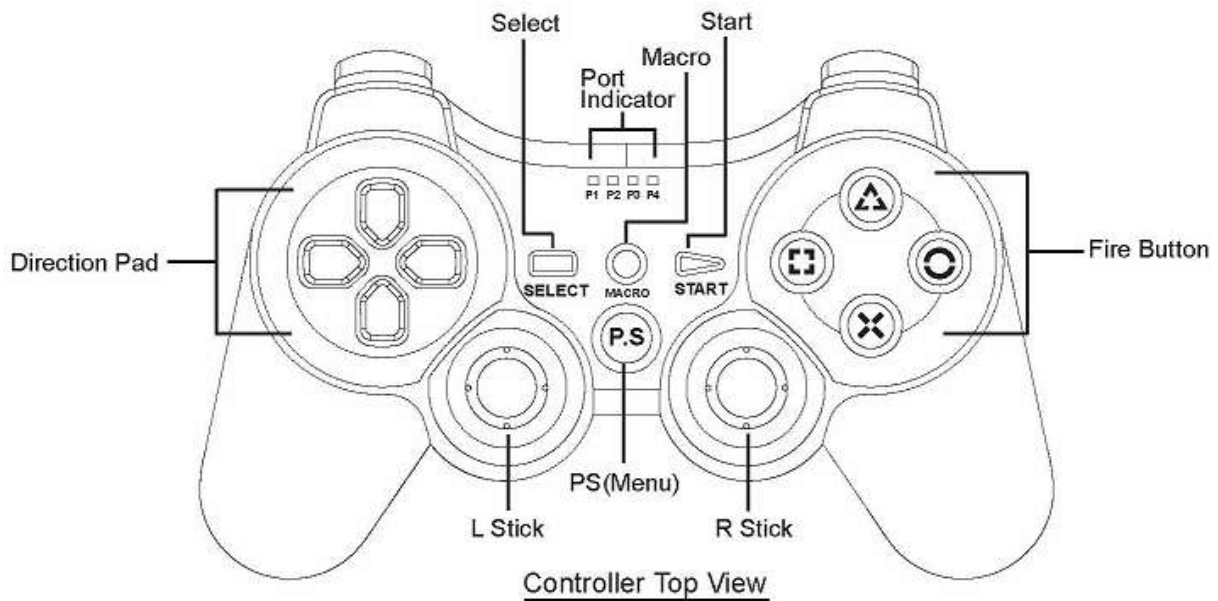
3. Product Features

- Compatible with both old version PlayStation™ 3 consoles and latest PlayStation™ 3 Slim consoles.
- Compatible with PlayStation™ 3 systems with firmware 2.50 or later
- Real 6-axis motion control detection
- Dual TwinShock™ vibration feedback
- 2.4GHz Wireless RF multi-channel connection technology, Auto-Scan over 80 channels
- 12 Analog buttons with 2 Analog 3D sticks and 2 tailor-made triggers as L2 and R2 buttons.
- Four LEDs to show the player's number
- Macro button
- Rechargeable controller, direct charge via mini-USB port.
- Force Link button to manually force the connection with the console
- Auto Sleep function for power save when not in use over 5 minutes
- Wake up mode: press the Menu (PS) button to wake up the controller from Auto Sleep mode
- Embedded Li-ion battery and built-in power refill charger: 3-hours full charge time.
- Max. link distance: 12 m
- Extra-Long 1,9 m cable to charge the gamepad while playing. No more worries of battery shortage in the middle of the action .
- Atomic satisfaction: no disconnection problems, no hot plug problems, no power shortage problems.

4. 6-Axis motion control sensor description



5. Controller Diagram



Buttons description

- Analog buttons Δ \circ \times \square are standard default PlayStation™'s fire buttons
- Analog directional pad with separate direction arrows for **UP**, **DOWN**, **LEFT** and **RIGHT**
- Left and right analog sticks – each provided with 2 axis (X & Y axis each) and a “hidden” button (“**L3**” and “**R3**”) activated by pressing the stick
- **Macro** button – enables programming a complex sequence of button pressures and linking it to the pressure of a single “trigger” button
- **Start** and **Select** digital buttons are standard default PlayStation™'s buttons
- **PS (Menu)** button works as “**Power On/off**” switch, “**Force link**” button and “**Menu**” button
- Analog **L1** and **R1** buttons located in the top of the gamepad's shoulder.
- Analog lengthened **L2** and **R2** are analog flat trigger buttons, conceived to avoid finger slippage.

6. Controller Setup and Installation

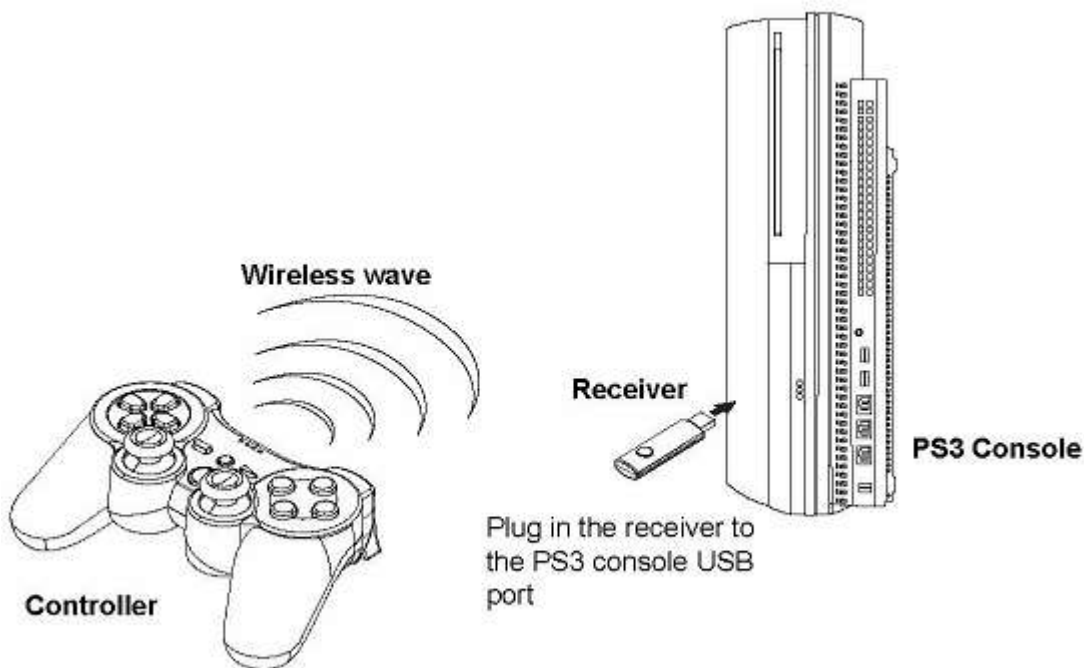
Before first use, it is highly recommended to perform a full recharge cycle.

Connect the mini-USB plug of the charging cable to the gamepad's charging port and then connect the other plug of the cable into a free USB port.

Let the gamepad charge until its LED lights switch off.

To operate the gamepad, please plug its dongle into a free USB port on the PlayStation™ 3 Console.

Whenever the dongle's LED light flashes, this means that the gamepad is not connected. In this case, press the F-Link button on the dongle first, and then press the PS (Menu) button on the gamepad to manually force the pairing. Once the pairing process is complete, the dongle's LED lights up steady to show successful connection has been established.



Connection Diagram

7. Setting Functions

- Macro feature description

Macro is an advanced feature for experienced players. Some special moves or tricks in videogames require the pressure of a quite complex sequence of several buttons to be accomplished. So it can be very useful to the player to be able to programme the sequence into one single button and triggering the sequence by simply pressing that single button once.

- How to program Macros?

1. Press the Macro button (the LEDs on the gamepad will switch on)
2. Press the button that will be the "trigger" of the sequence. You can choose among the following six: L1, R1, L2, R2, L3, R3
4. Input the desired sequence of buttons to be saved.
5. Press the Macro button again to complete programming. The Macro button LED lights will switch off meaning programming successfully completed.

Example: to program a sequence to be triggered by pressure of L1, press:

MACRO >> L1 >> X, Δ, □, ○, L1, L2, R1, R2..... (max15) >> MACRO

- How to cancel Macro or reset a button to its default function?

Simply press the Macro button first, then press the button to be reset and press Macro button again to bring the button back to its default function.

Example: to reset L1 button or remove a previously programmed Macro triggered by L1, press:
MACRO >> L1 >> MACRO

8. Vibration

Inside the TwinShock™ 3 there are two vibration motors. They can be software controlled by the different games to provide a wide range of vibration feedbacks. Vibration must be supported by the game in use to be working.

9. Technical Facts

Controller measures : 155mm * 60mm * 95mm;

Weight: 210g

Power: 3.7 V DC at 28 mA

Power Supply : embedded 3.7 V Lithium Battery

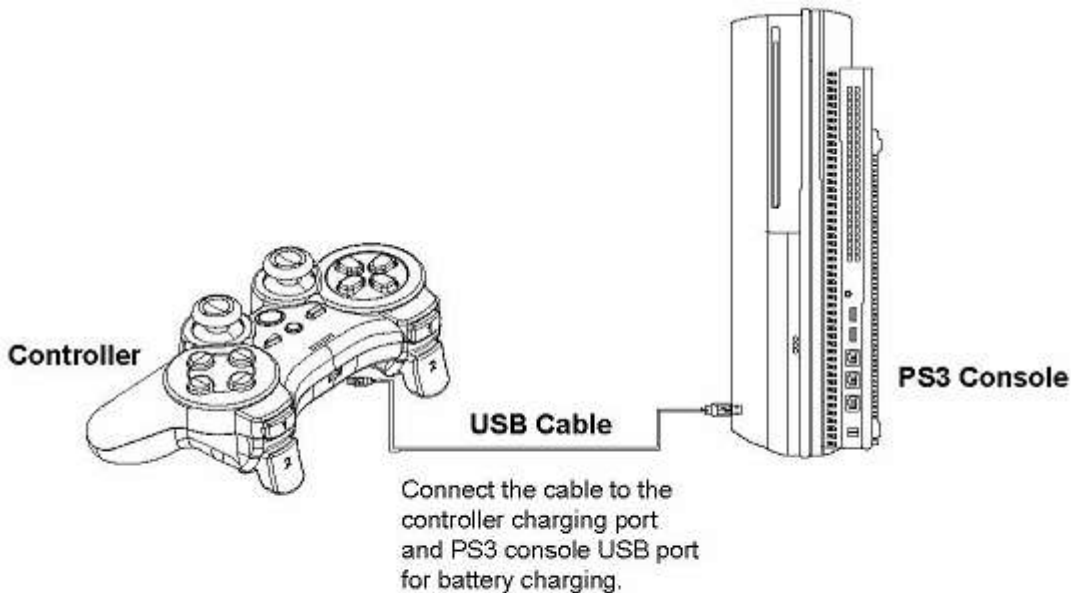
Charging time: 2 to 3 hours

Receiver Measurement : 73 (L) mm * 20 (W) mm * 11 (T) mm

10. How to recharge the TwinShock™ 3

When batteries are short of power, the LEDs will flash to show that the TwinShock™ 3 needs to be recharged.

Simply connect it to the console or to any other free USB port through the included miniUSB charging cable. The LEDs will stop flashing once the TwinShock™ 3's battery is fully charged.



Battery Charging Connecting Diagram

11. Cautions

- Use this controller only as instructed. Read all instructions before operating the controller
- To prevent fire or shock hazard, do not expose this controller to rain or moisture.
- Do not disassemble.
- This controller should only be operated from the power sources indicated.
- Never push objects of any kind, other than authorized items into the product as they may touch dangerous voltage points or short out parts that could result in fire or electrical shock.
- When the LEDs flashes, it means that your controller should be recharged.

12. Care of the Device

The TwinShock™ 3 is an electronic unit and should be treated with care when handling. It's recommended not to store the unit in direct sunlight or at extreme temperatures, or spill any liquids on the unit. Finally, do not open the case of the gamepad.

13. CE Warning

This equipment has been tested and found to comply with CE Standards. These limits are designed to

provide reasonable protection against harmful interference in a residential installation. This equipment generate, 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 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.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the users authority to operate the equipment.