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› Joso Keyboard and Mouse Adapter (Model TNS-19077S) User Manual

Joso TNS-19077S

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Console Converter for Nintendo Switch, Xbox One, Xbox Series X|S, PS4, PS3

INTRODUCTION

The Joso Keyboard and Mouse Adapter (Model TNS-19077S) allows users to connect a standard USB keyboard and mouse to various gaming consoles, including Nintendo Switch (1st Gen & OLED), PlayStation 4 (PS4), PlayStation 3 (PS3), Xbox One, and Xbox Series X|S. This adapter provides a PC-like control experience for compatible games, particularly beneficial for First-Person Shooter (FPS) titles.

This device is designed for plug-and-play functionality, requiring no additional software or drivers for basic operation. It translates keyboard and mouse inputs into controller signals, enabling precise aiming and customizable control schemes.

Important Compatibility Notes:

- For Nintendo Switch, an original controller is not required for authentication.
- For Xbox and PlayStation consoles (PS4, PS3, Xbox One, Xbox Series X|S), an original licensed controller is required for authentication and must be connected to the adapter.
- This adapter is **not compatible** with PlayStation 5 (PS5), Nintendo Switch 2, or PC.
- The keyboard cannot be used for typing messages on console systems.
- Supports wired and 2.4G wireless keyboards and mice. Bluetooth keyboards and mice are not supported.

SETUP INSTRUCTIONS

Follow these steps to connect your Joso Keyboard and Mouse Adapter to your gaming console.

General Connection Diagram

Plug and Play

No additional drivers required
Easy to access and quick to connect

▷ Type C auxiliary power port

When the keyboard and mouse connection is unstable, use a Type-C cable (Not included) to power the adapter.

▷ USB 2.0 Port

Connect the
keyboard

▷ USB 2.0 Port

Connect the
original controller

▷ USB 2.0 Port

Connect the
mouse

▷ USB 2.0 Port

Connect the
gaming console

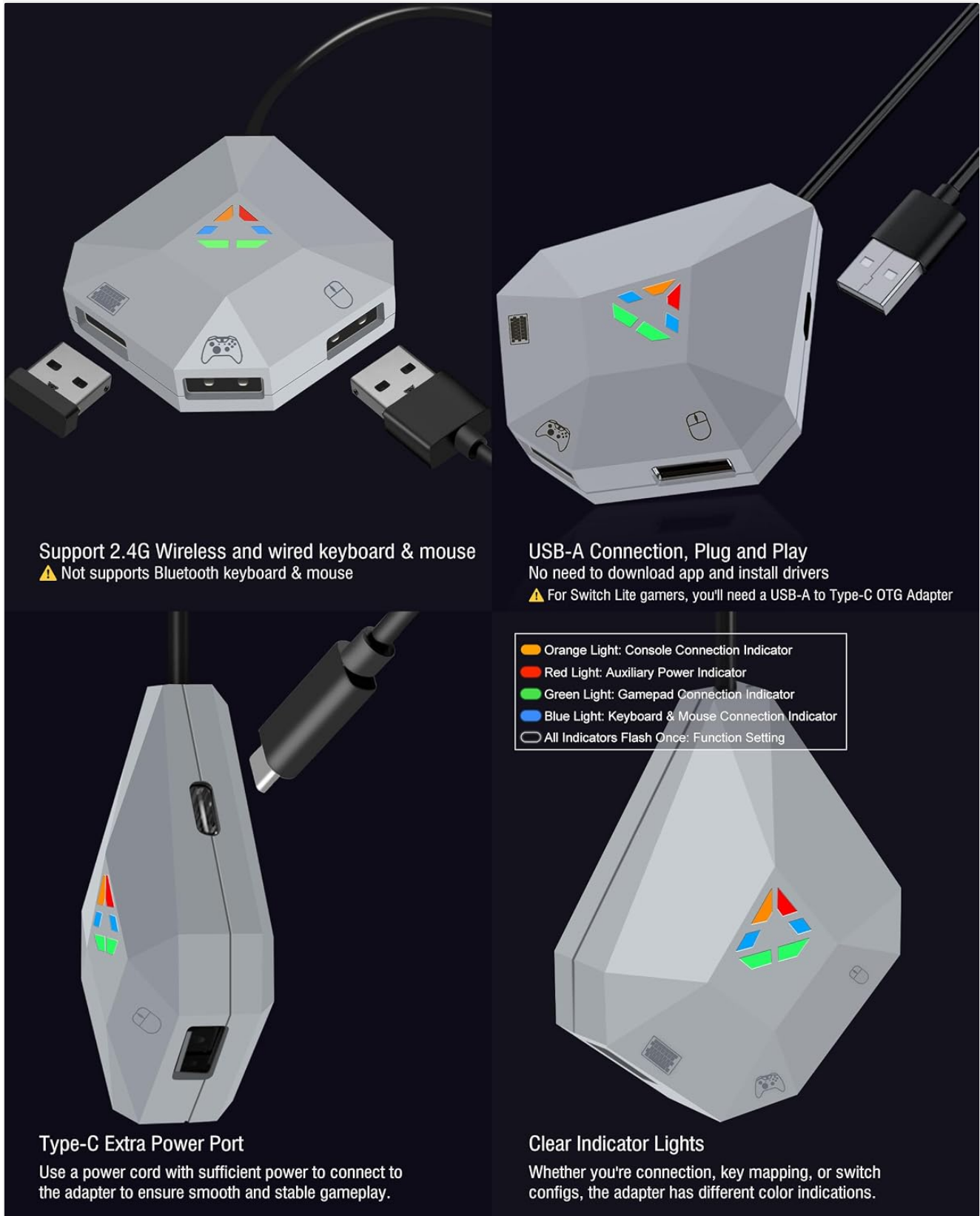
This diagram illustrates the connection points on the Joso adapter: one USB 2.0 port for the gaming console, one for the original controller, one for the keyboard, and one for the mouse. A Type-C auxiliary power port is also shown for unstable connections.

1. Connect the Joso adapter to your gaming console's USB port.
2. If using an Xbox or PlayStation console, connect your original licensed controller to the designated USB 2.0 port on the adapter.
3. Connect your wired or 2.4G wireless keyboard to the designated USB 2.0 port on the adapter.
4. Connect your wired or 2.4G wireless mouse to the designated USB 2.0 port on the adapter.
5. Observe the indicator lights on the adapter. Successful connection is indicated by specific light patterns (refer

to the 'Clear Indicator Lights' section below).

6. If the keyboard and mouse connection is unstable, connect a Type-C cable (not included) to the auxiliary power port on the adapter for additional power.

Indicator Lights Guide



The image is divided into four panels, each showing the Joso adapter with different connections and light indicators. The adapter is a white, angular device with a central LED indicator light and various ports.

Support 2.4G Wireless and wired keyboard & mouse
⚠ Not supports Bluetooth keyboard & mouse

USB-A Connection, Plug and Play
No need to download app and install drivers
⚠ For Switch Lite gamers, you'll need a USB-A to Type-C OTG Adapter

Type-C Extra Power Port
Use a power cord with sufficient power to connect to the adapter to ensure smooth and stable gameplay.

Clear Indicator Lights
Whether you're connection, key mapping, or switch configs, the adapter has different color indications.

Legend:

- Orange Light: Console Connection Indicator
- Red Light: Auxiliary Power Indicator
- Green Light: Gamepad Connection Indicator
- Blue Light: Keyboard & Mouse Connection Indicator
- All Indicators Flash Once: Function Setting

This image displays the Joso adapter's ports and the meaning of its LED indicator lights:

- **Orange Light:** Console Connection Indicator
- **Red Light:** Auxiliary Power Indicator

- **Green Light:** Gamepad Connection Indicator
- **Blue Light:** Keyboard & Mouse Connection Indicator
- **All Indicators Flash Once:** Function Setting Mode

Console-Specific Setup

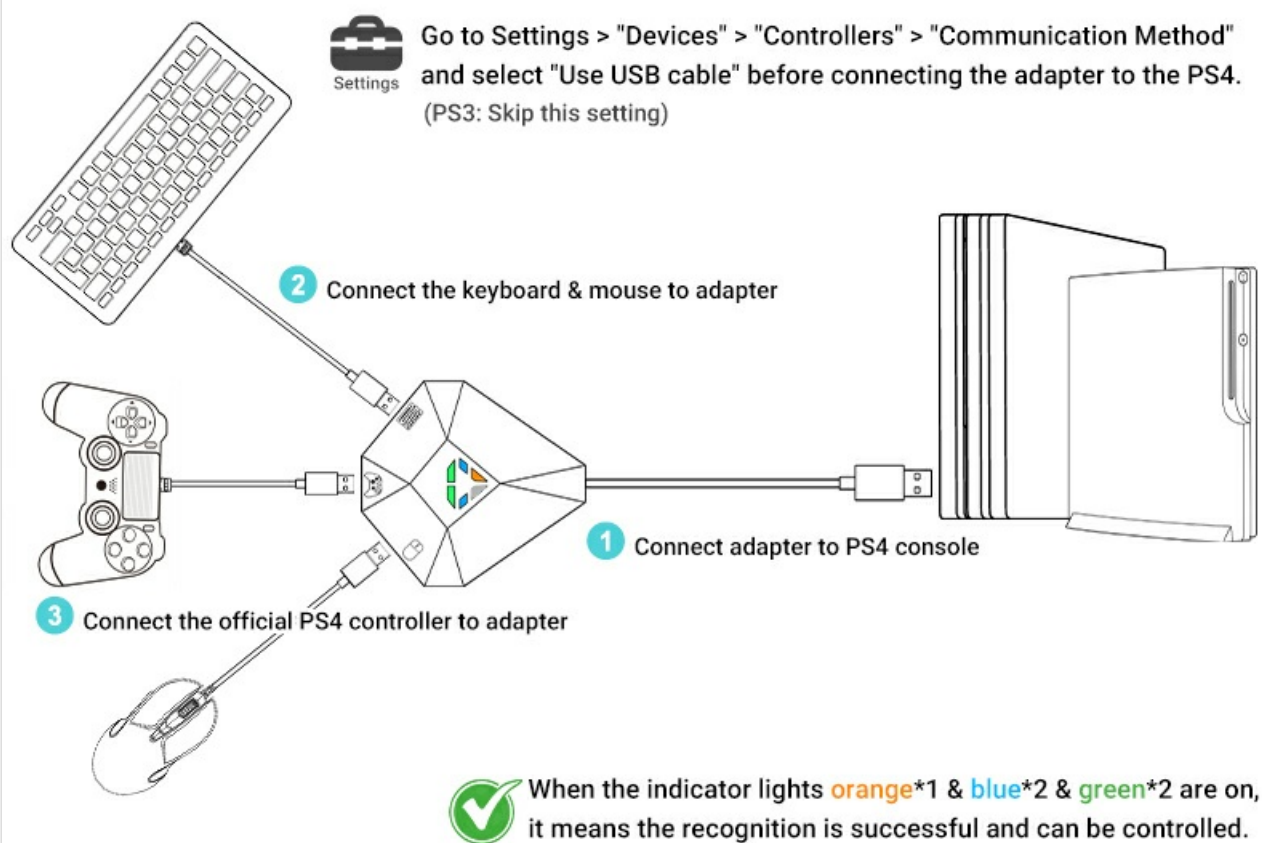
Nintendo Switch Connection

This diagram illustrates connecting the Joso adapter to a Nintendo Switch dock. First, ensure 'Pro Controller Wired Connection' is set to 'On' in Switch settings. Then, connect the adapter to the Switch dock, followed by the keyboard and mouse to the adapter. When orange and blue indicator lights are on, the connection is successful.

Your browser does not support the video tag.

Video: Step-by-step guide on connecting the Joso Keyboard and Mouse Adapter to a Nintendo Switch console.

PlayStation 4 (PS4) Connection



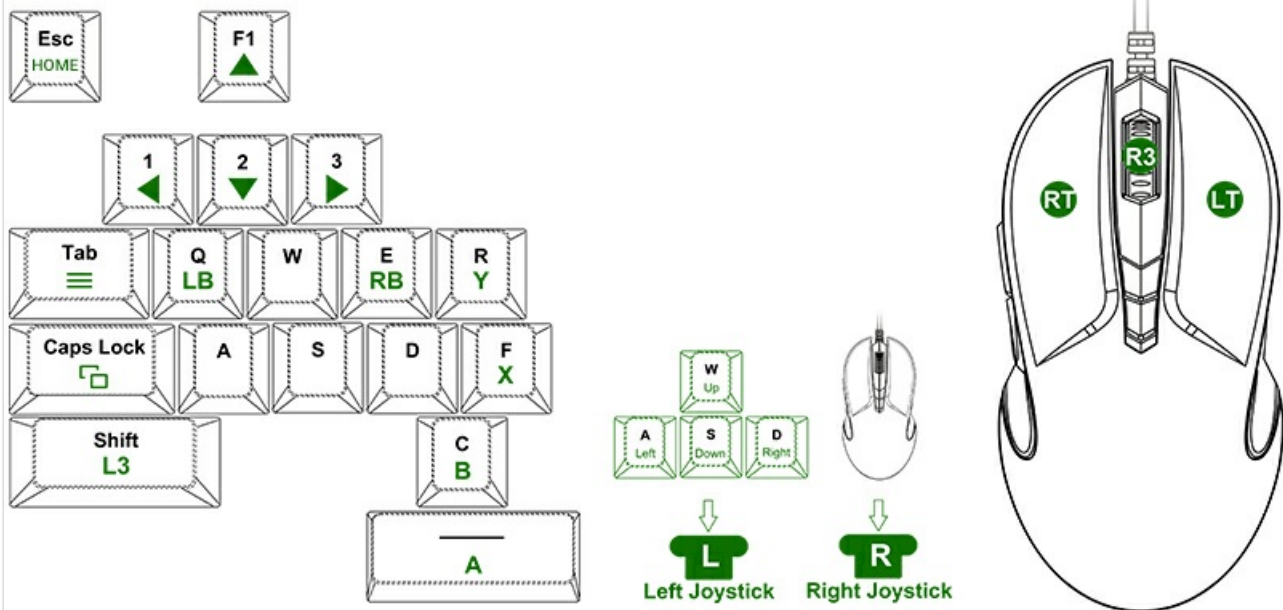
This diagram illustrates connecting the Joso adapter to a PS4 console. Before connecting, go to PS4 Settings > Devices > Controllers > Communication Method and select 'Use USB cable'. Then, connect the adapter to the PS4, followed by the keyboard, mouse, and the official PS4 controller to the adapter. When orange, blue, and green indicator lights are on, the connection is successful.

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Video: Step-by-step guide on connecting the Joso Keyboard and Mouse Adapter to a PlayStation 4 console.

Xbox Series X|S / Xbox One Connection

KEY VALUE DIAGRAM for Xbox One



This diagram illustrates connecting the Joso adapter to an Xbox console. Connect the adapter to the Xbox, then connect the keyboard, mouse, and the official Xbox controller to the adapter. When orange, blue, and green indicator lights are on, the connection is successful.

Your browser does not support the video tag.

Video: Step-by-step guide on connecting the Joso Keyboard and Mouse Adapter to an Xbox console.

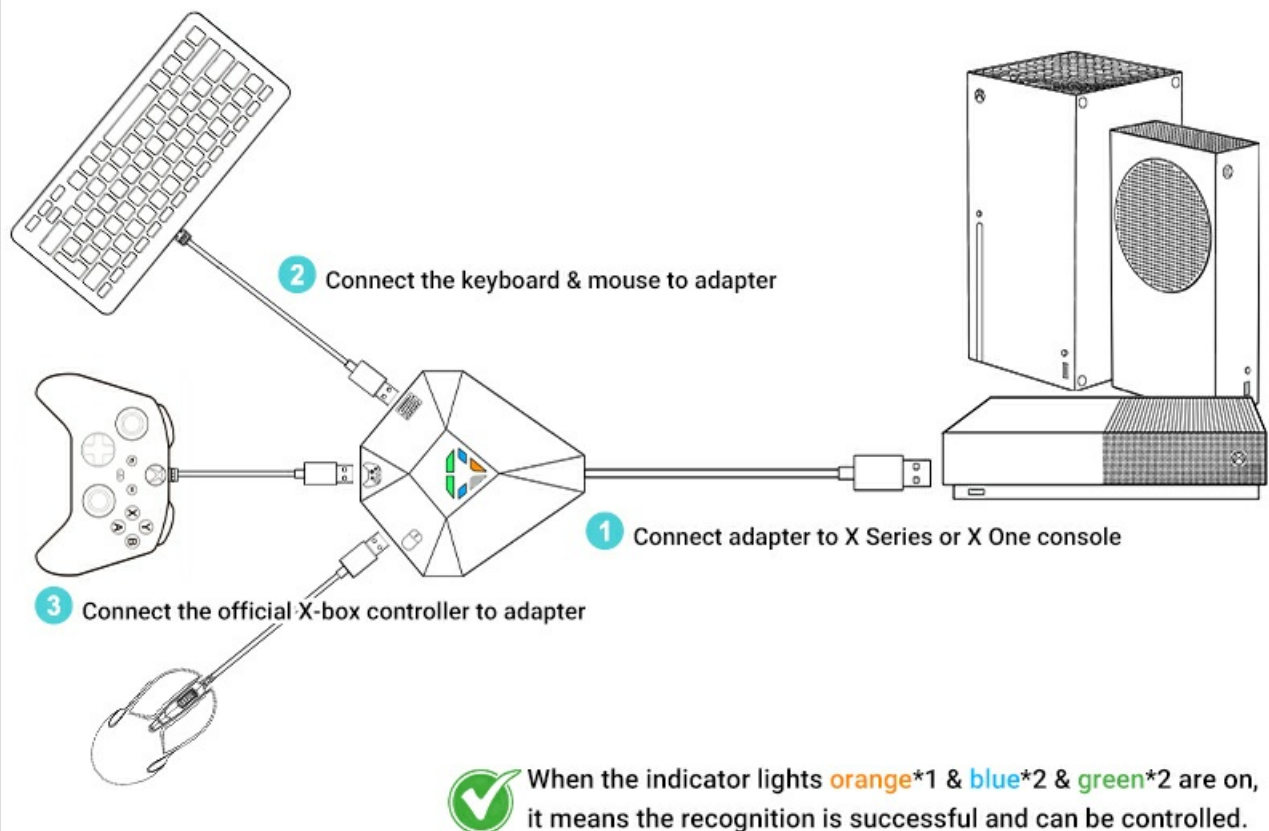
OPERATING INSTRUCTIONS

The Joso Keyboard and Mouse Adapter translates your keyboard and mouse inputs into corresponding controller signals, allowing you to play games with a PC-style control scheme.

Key Mapping Overview

The adapter features a default key mapping that emulates standard controller functions. For example, WASD keys typically control movement (left joystick), and mouse movement controls camera (right joystick). Specific button actions are mapped to keyboard keys.

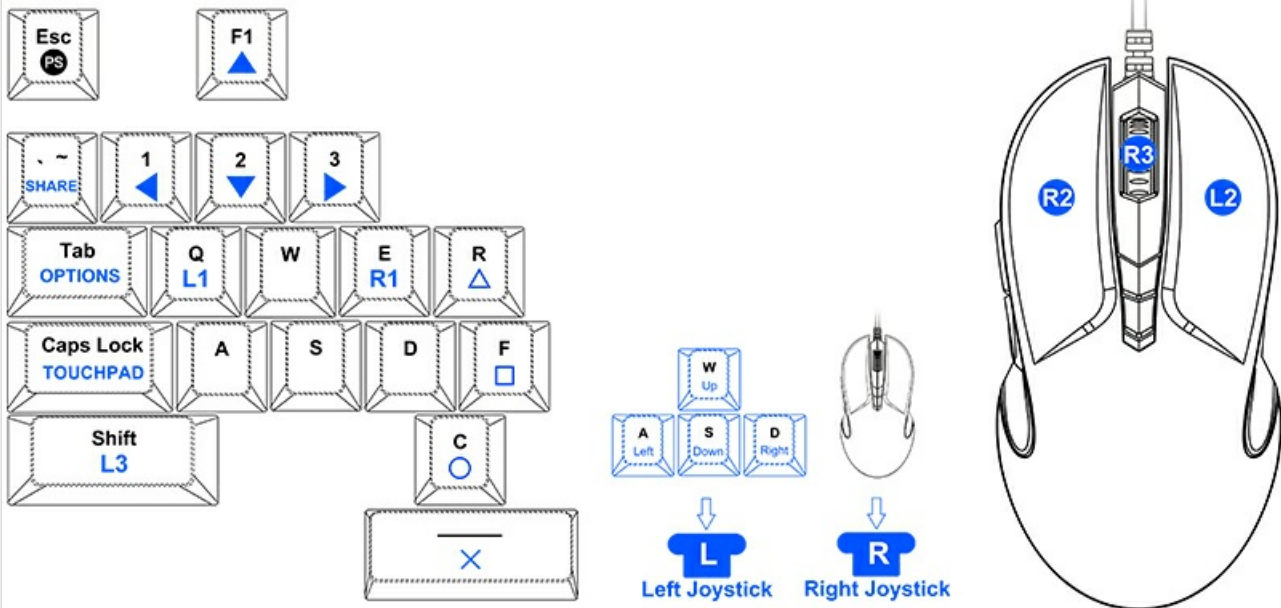
Nintendo Switch Key Value Diagram



This diagram illustrates the default key mappings for Nintendo Switch. For example, 'Space' maps to 'A', 'Shift' to 'L3', and mouse movement to 'Left Joystick' and 'Right Joystick'.

PlayStation 4 Key Value Diagram

KEY VALUE DIAGRAM for PS4



This diagram illustrates the default key mappings for PlayStation 4. For example, 'Space' maps to 'X', 'Shift' to 'L3', and mouse movement to 'Left Joystick' and 'Right Joystick'.

PlayStation 3 Key Value Diagram



3.5mm Headset use via X-box controller
NOT SUPPORTED

PLAY WITH KEYBOARD & MOUSE ON X-BOX VIA JOSO ADAPTER

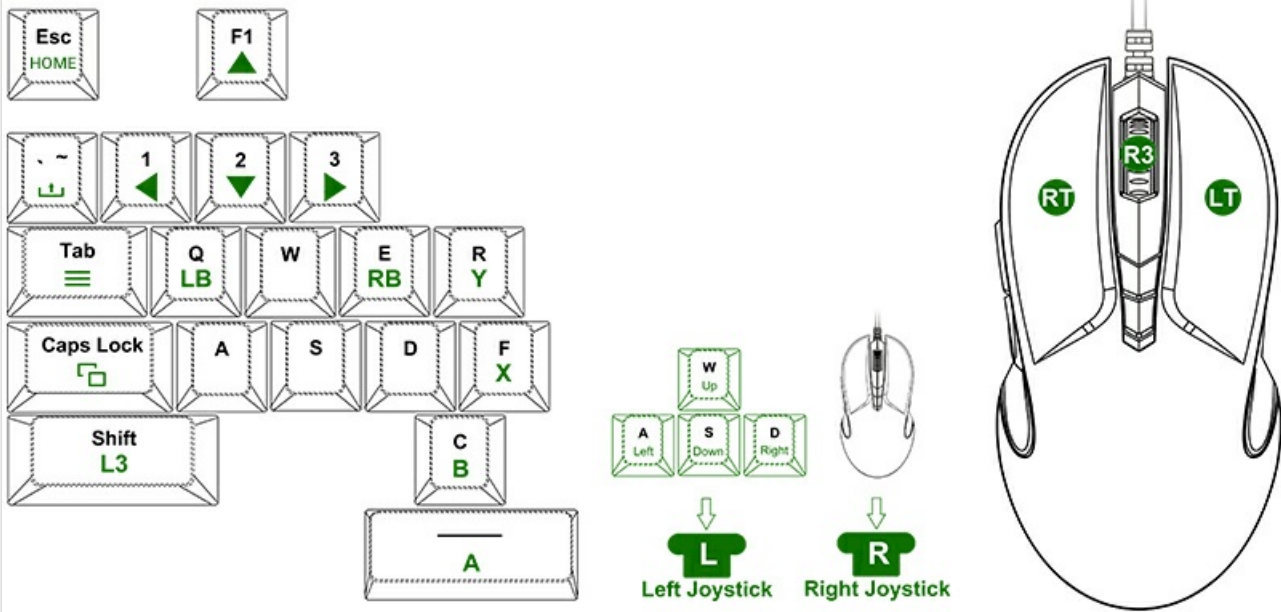
* Does not support key mapping

NS Switch	Switch OLED	X-box Series S/X	X-box One	PS4	PS3
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This diagram illustrates the default key mappings for PlayStation 3. For example, 'Space' maps to 'X', 'Shift' to 'L3', and mouse movement to 'Left Joystick' and 'Right Joystick'.

Xbox Series X|S Key Value Diagram

KEY VALUE DIAGRAM for Xbox Series



This diagram illustrates the default key mappings for Xbox Series X|S. For example, 'Space' maps to 'A', 'Shift' to 'L3', and mouse movement to 'Left Joystick' and 'Right Joystick'.

Xbox One Key Value Diagram



PLAY WITH KEYBOARD & MOUSE ON X-BOX VIA JOSO ADAPTER

* Does not support key mapping

NS Switch

Switch OLED

X-box Series S/X

X-box One

PS4

PS3

This diagram illustrates the default key mappings for Xbox One. For example, 'Space' maps to 'A', 'Shift' to 'L3', and mouse movement to 'Left Joystick' and 'Right Joystick'.

Note: The Joso Keyboard and Mouse Adapter does not support custom key mapping.

Adjustable Mouse Sensitivity

The adapter allows for adjustment of mouse sensitivity, which is crucial for FPS games. This feature simulates right joystick movement, providing faster and more accurate targeting compared to standard controller sticks. Look sensitivity and aim-down-sight speed can be fine-tuned within the game's settings or potentially through adapter-specific functions (refer to the product's quick start guide for any specific button combinations for sensitivity adjustment).

Faster Aiming with Mouse

- ✓ Support Mouse Sensitivity Adjustment
- ✓ Support Aim Down Sight Sensitivity Adjustment
- ✓ Support Dead Zone Adjustment
- ✗ Does not support custom key mapping



The image shows a hand using a black gaming mouse with a scroll wheel and side buttons. A USB cable is connected to the mouse. In the top left, there is a 3D rendering of a grey, angular adapter device with a USB port and a game controller icon. The background is a blurred game scene with a purple and blue sky.

Play with Controller



Play with Mouse



The image shows two side-by-side screenshots from a first-person shooter game. The left screenshot is labeled 'Play with Controller' and shows a player aiming at a target with red reticles. The right screenshot is labeled 'Play with Mouse' and shows the same player aiming at the same target with green reticles. The game interface includes a compass at the top, a health bar at the bottom left, and a score at the bottom right.

This image demonstrates the difference in aiming precision between a controller and a mouse, highlighting the advantage of using a mouse for targeting in games.

MAINTENANCE

To ensure the longevity and optimal performance of your Joso Keyboard and Mouse Adapter, follow these general maintenance guidelines:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.

- Avoid exposing the adapter to extreme temperatures, humidity, or direct sunlight.
- Do not use harsh chemicals or abrasive cleaners on the device.
- Store the adapter in a safe place when not in use to prevent physical damage.
- Ensure cables are not bent sharply or tangled, which can cause internal damage.

TROUBLESHOOTING

If you encounter issues with your Joso Keyboard and Mouse Adapter, refer to the following common problems and solutions:

Problem	Possible Cause / Solution
Adapter not recognized by console or not functioning.	• Ensure all connections are secure and correctly plugged into the designated ports. • For Xbox/PS consoles, verify an original licensed controller is connected to the adapter. • Check console settings: For PS4, ensure 'Use USB cable' is selected for controller communication. For Switch, ensure 'Pro Controller Wired Connection' is 'On'. • Try connecting a Type-C power cable (not included) to the adapter's auxiliary power port if the connection is unstable or power is insufficient. • Restart the console and reconnect the adapter.
Keyboard or mouse not responding.	• Verify the keyboard and mouse are wired or 2.4G wireless (Bluetooth is not supported). • Ensure the keyboard and mouse are connected to their correct ports on the adapter. • Some keyboards/mice may not be compatible. Try a different keyboard/mouse if available. • Avoid using extension cords, as they can interfere with the connection. • Check the adapter's blue indicator light for keyboard/mouse connection status.
Mouse movement feels jittery or imprecise.	• Adjust in-game mouse sensitivity settings. • Lower the controller sensitivity within the game's settings. • Ensure the adapter has sufficient power, connecting a Type-C power cable if needed.
Keyboard cannot be used for typing messages.	This is a limitation of the adapter; it is designed for game input translation, not system-level text input.
Adapter not compatible with PS5 or Switch 2.	The adapter is explicitly not compatible with PS5 or Switch 2. Please check product specifications for supported consoles.

SPECIFICATIONS

Feature	Detail
Model Number	TNS-19077S
Brand	Joso
Compatible Devices	Nintendo Switch (1st Gen & OLED), PS4/PS3, Xbox Series X/S, Xbox One/X/S
Specific Uses For Product	Video Game Console
Connector Type	USB Type A
Color	Light Gray
Number of Ports	4 (3x USB 2.0 for peripherals/controller, 1x USB for console)
Power Plug Type	Type C (Auxiliary Power)
Smart Home Compatibility	Not Smart Home Compatible
Finish	Matte
Item Weight	0.05 Kilograms
Manufacturer	ShenZhen YuYanXin Electronic Technology Co., LTD

WARRANTY INFORMATION

The product comes with a limited warranty. For specific details regarding the warranty period and coverage, please refer to the product packaging or contact Joso customer support directly. Proof of purchase may be required for warranty claims.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the Joso Keyboard and Mouse Adapter, please contact Joso Direct Tech. You may also visit the official Joso store on Amazon for additional resources and product information:

[Visit the Joso Store on Amazon](#)

