

FightBox B3-PC

FightBox B3-PC All Button Leverless Arcade Fight Stick Game Controller User Manual

Model: B3-PC

[Overview](#) [Setup](#) [Operation](#) [Maintenance](#) [Introduction](#) [Product](#) [Troubleshooting](#) [Specifications](#) [Warranty & Support](#)

1. INTRODUCTION

Thank you for purchasing the FightBox B3-PC All Button Leverless Arcade Fight Stick Game Controller. This manual provides essential information for setting up, operating, and maintaining your new controller. Please read this manual thoroughly before use to ensure optimal performance and longevity of your device.

2. PRODUCT OVERVIEW

The FightBox B3-PC is a high-performance all-button leverless arcade fight stick designed for precision and speed in fighting games. It features a compact, ultra-thin design for portability and is compatible with PC, PlayStation 3, and Nintendo Switch platforms.

Key Features:

- All-button leverless layout with an additional button.
- Portable and ultra-thin design for easy transport.
- Equipped with Cherry MX Black key switches, supporting hot-swapping.
- Professional arcade fighting board for extreme speed and minimized delay.
- Supports SOCD (Simultaneous Opposing Cardinal Directions) cleaning, adhering to tournament standards.



Figure 2.1: Angled view of the FightBox B3-PC controller, showcasing its compact design and button layout.



Figure 2.2: Side view of the FightBox B3-PC controller, highlighting its ultra-thin profile.



Figure 2.3: Top-down view of the FightBox B3-PC controller, showing the full button arrangement.

3. SETUP INSTRUCTIONS

The FightBox B3-PC controller is designed for plug-and-play functionality across supported platforms.

Connecting to your Device:

1. Locate the USB Type-B port on the back of the FightBox B3-PC controller.
2. Connect one end of the provided USB cable to the controller's USB Type-B port.
3. Connect the other end of the USB cable to an available USB port on your PC, PlayStation 3 console, or Nintendo Switch dock.
4. The controller should be automatically recognized by your system. For PC, drivers may install automatically.

1.2kg

1.9cm

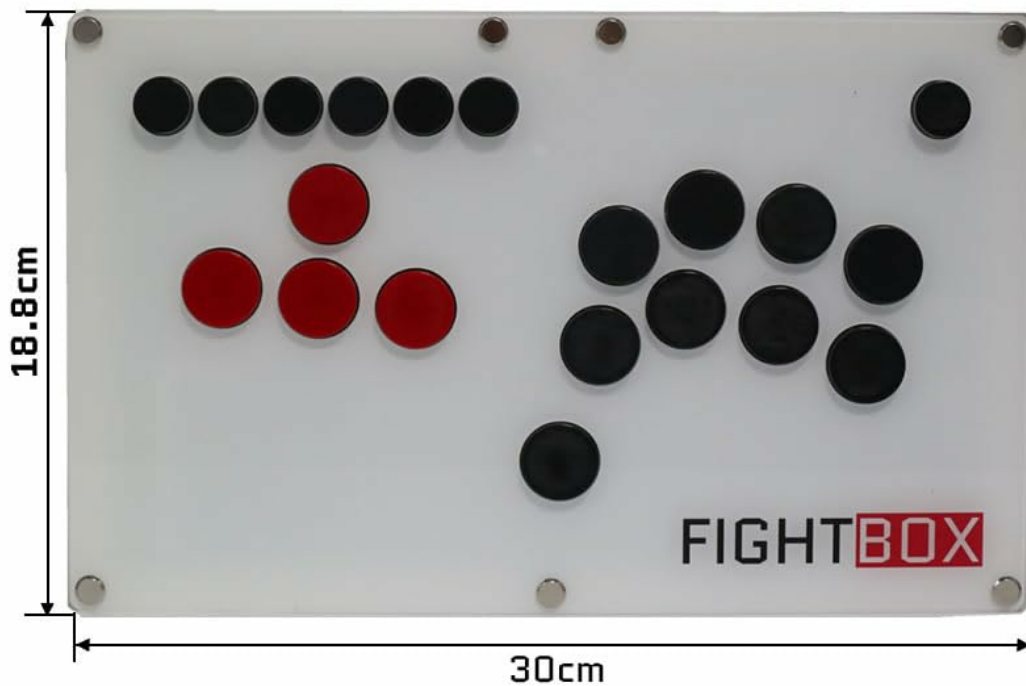


Figure 3.1: The USB Type-B port on the FightBox B3-PC controller for connecting to your gaming system.

4. OPERATING INSTRUCTIONS

The FightBox B3-PC features a standard arcade button layout with additional function buttons for enhanced control.

Button Functions:

- **Directional Buttons:** The four red buttons on the left serve as directional inputs (Up, Down, Left, Right).
- **Action Buttons:** The black buttons on the right correspond to standard action inputs (X, Y, R1, B, R2, A, L1, L2).
- **HOME Button:** Used to switch between PC360 mode (default) and other modes.
- **MODE Button:** Used to switch between the cross keys (D-pad) and the left/right stick inputs.
- **R3/L3 Buttons:** Additional function buttons.
- **START/SELECT Buttons:** Standard game control buttons.
- **TURBO Button:** Activates turbo function for rapid button presses.

PC Version Buttons



The HOME button is used to switch between PC360 mode [default] and other modes
The MODE button is used to switch between the cross keys and the left/right stick

Figure 4.1: Layout of the FightBox B3-PC buttons with their corresponding PC version labels and functions.

SOCD Modes:

The FightBox B3-PC supports three SOCD (Simultaneous Opposing Cardinal Directions) modes, which are crucial for competitive fighting games to prevent conflicting directional inputs. These modes comply with tournament standards.

- **Up Priority SOCD Mode (Default):** If Up and Down are pressed simultaneously, Up input is prioritized. If Left and Right are pressed, Neutral is output.
- **Neutral (CAPCOM) SOCD Mode:** If opposing directions (e.g., Up+Down, Left+Right) are pressed simultaneously, a Neutral input is output.
- **Last Win SOCD Mode:** The last directional input pressed takes priority. For example, if Left is held and then Right is pressed, Right will be the active input.

SOCD Modes

Three SOCD modes are supported:

- Up priority SOCD mode(Default).
- Neutral(CAPCOM) SOCD mode.
- Last win SOCD mode.

Inputs	Up priority	Neutral (CAPCOM)	Last win
← + →	Neutral	Neutral	→
→ + ←	Neutral	Neutral	←
↑ + ↓	↑	Neutral	↓
↓ + ↑	↑	Neutral	↑

Figure 4.2: Detailed explanation of SOCD modes and their behavior.

Product Demonstration:

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Video 4.1: An official product video demonstrating the FightBox B3-PC All Button Leverless Arcade Game Controller in use, highlighting its features and responsiveness.

5. MAINTENANCE

Proper care will extend the life and performance of your FightBox B3-PC controller.

Cleaning:

- Wipe the surface of the controller with a soft, dry cloth.
- For stubborn dirt, use a slightly damp cloth with mild soap, then wipe dry immediately.
- Avoid using harsh chemicals, abrasive cleaners, or excessive moisture, as these can damage the acrylic and internal components.

Key Switch Care:

The FightBox B3-PC uses Cherry MX Black key switches, which are hot-swappable. This allows for easy replacement or customization without soldering.

- If a switch becomes unresponsive, it can be carefully removed and replaced. Refer to specialized guides for hot-swapping mechanical keyboard switches if you are unfamiliar with the process.
- Ensure the controller is disconnected from power before attempting any switch replacement.

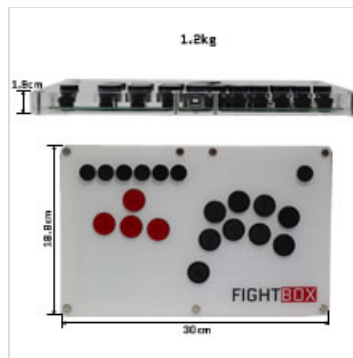


Figure 5.1: A Cherry MX Black key switch, used in the FightBox B3-PC controller.

6. TROUBLESHOOTING

If you encounter issues with your FightBox B3-PC, refer to the following common solutions:

Controller Not Recognized:

- **Check USB Connection:** Ensure the USB cable is securely connected to both the controller and your device. Try a different USB port.
- **Restart Device:** Sometimes, a simple restart of your PC or console can resolve connection issues.
- **Try Another Cable:** If available, test with a different USB Type-A to Type-B cable to rule out a faulty cable.
- **Platform Compatibility:** Ensure your device is running a compatible operating system (Windows for PC, or the correct firmware for PS3/Switch).

Buttons Not Responding:

- **Test All Buttons:** Use a controller testing utility on PC to verify individual button inputs.
- **Check Game Settings:** Ensure the game's control settings are correctly configured for an arcade stick or gamepad.
- **Inspect Key Switches:** If a specific button is unresponsive, the key switch might be faulty. Consider hot-swapping it as described in the Maintenance section.

Incorrect Directional Input (SOCD):

- **Verify SOCD Mode:** Ensure the controller is set to your desired SOCD mode. Refer to the Operating Instructions for details on SOCD modes.

7. SPECIFICATIONS

Feature	Detail
Model Name	B3-PC
Brand	FightBox
Compatible Devices	Android, Nintendo Switch, PC, Windows, PlayStation 3
Connectivity Technology	USB 2.0 (Corded Electric)
Controller Type	USB
Button Quantity	19
Key Switches	Cherry MX Black (Hot-swappable)
Item Dimensions (L x W x H)	11.81 x 7.4 x 0.75 inches (30 x 18.8 x 1.9 cm)
Item Weight	1.75 Kilograms (1.2 kg as per image)
Color	White
UPC	766683159496

1.2kg

1.9cm

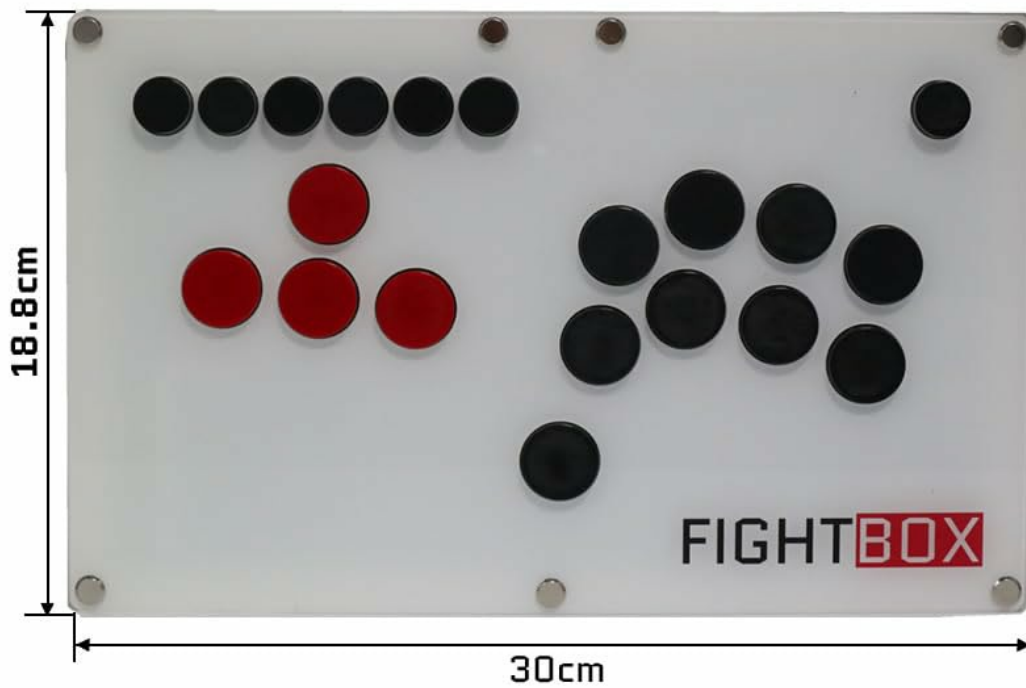


Figure 7.1: Physical dimensions and weight of the FightBox B3-PC controller.

8. WARRANTY AND SUPPORT

FightBox products are manufactured with quality and reliability in mind. For specific warranty information, please refer to the documentation included with your purchase or visit the official FightBox website.

Customer Support:

If you require technical assistance or have questions regarding your FightBox B3-PC controller, please contact our customer support team through the vendor's contact information provided at the point of purchase or on the official FightBox website.