Haute42 T16

Haute42 Leverless Controller T16 Instruction Manual

Model: T16

1. Introduction

The Haute42 Leverless Controller T16 is a high-performance gaming controller designed for fighting games, offering precise input and a customizable experience. This manual will guide you through the setup, operation, and maintenance of your new controller, ensuring optimal performance across various platforms.

Compatibility: PC, PlayStation 3 (PS3), Nintendo Switch.



Top view of the Haute42 T16 Leverless Controller, showcasing its compact design and button layout.

2. Product Features

- **Leverless Design:** Utilizes an all-button layout for rapid and accurate inputs, preferred by many competitive fighting game players.
- **Customizable Top Plate:** Features a multi-layered acrylic design allowing users to easily change the top plate artwork for personalized aesthetics.
- **Slim and Lightweight:** Designed for portability and comfortable use, whether on a desk or on your lap. Dimensions are approximately 296mm (width) x 196mm (depth) x 12.8mm (height).
- **Hot-Swappable Buttons:** Supports hot-swappable mechanical switches, enabling easy replacement and customization of button feel without soldering.
- **Dual USB Ports:** Equipped with a USB Type-C port for primary connection and an additional EXT.PORT for pass-through or accessory connection.

- **Low-Latency Performance:** Powered by the Raspberry Pi Pico GP2040-CE, ensuring minimal input delay crucial for competitive gaming.
- **Anti-Slip Pads:** Includes attachable anti-slip pads for enhanced stability during intense gameplay, protecting surfaces and preventing movement.

2.1 Visual Overview



The Haute42 T16 Leverless Controller, showcasing its customizable top plate design. The image displays the controller with a graphic top plate and the same controller with the graphic removed, revealing the clear acrylic base.



An example of the Haute42 T16 Leverless Controller with a vibrant blue graphic top plate, demonstrating customization possibilities.



Side view of the Haute42 T16 Leverless Controller, highlighting its slim profile and approximate dimensions (296mm width, 196mm depth, 12.8mm height).



Close-up details of the Haute42 T16, showing the attachable anti-slip pads on the rear and the hot-swappable button mechanism for easy switch replacement.



Detailed view of the Haute42 T16's dual USB ports (Type-C and EXT.PORT) and the embedded Raspberry Pi Pico GP2040-CE chip, responsible for its low-latency performance.

3. Setup Instructions

3.1 Connecting to PC

1. Connect the provided USB Type-C cable to the controller's main USB-C port.
2. Plug the other end of the USB cable into an available USB port on your PC.
3. The PC should automatically detect and install the necessary drivers. If not, ensure your operating system is up to date.
4. The controller will typically operate in XInput mode for PC games.

3.2 Connecting to PlayStation 3 (PS3)

1. Connect the USB Type-C cable to the controller.

2. Plug the USB cable into an available USB port on your PS3 console.
3. The PS3 should recognize the controller. The controller will operate in PS3 mode.

3.3 Connecting to Nintendo Switch

1. Ensure your Nintendo Switch system is updated to the latest firmware.
2. On your Switch, go to System Settings > Controllers and Sensors > Pro Controller Wired Communication and set it to "On".
3. Connect the USB Type-C cable to the controller.
4. Plug the USB cable into an available USB port on the Nintendo Switch dock. If using in handheld mode, you may need a USB-C to USB-A adapter (not included) to connect directly to the console's USB-C port.
5. The Switch should recognize the controller. The controller will operate in Switch mode.

4. Operating Instructions

The Haute42 T16 features a standard fighting game button layout. Specific button mappings may vary depending on the game and platform. Refer to your game's control settings for detailed information.

4.1 Basic Controls

- **Directional Inputs:** Use the dedicated directional buttons for movement (Up, Down, Left, Right).
- **Action Buttons:** The main array of buttons corresponds to standard action inputs (e.g., punches, kicks, special moves).
- **System Buttons:** Buttons such as START, SELECT/BACK, HOME/PS, and TURBO are available for system-level functions and specific game features.

4.2 Mode Switching (if applicable)

The controller automatically detects the connected platform. If manual mode switching is required for specific scenarios, consult the official Haute42 website or support documentation for advanced button combinations.

5. Maintenance

5.1 Cleaning

- Use a soft, dry cloth to wipe down the controller's surface.
- For stubborn dirt, slightly dampen the cloth with water or a mild, non-abrasive cleaner. Avoid excessive moisture.
- Do not use harsh chemicals, solvents, or abrasive materials, as these can damage the acrylic and button surfaces.

5.2 Button Switch Replacement

The Haute42 T16 features hot-swappable button switches. To replace a switch:

1. Gently pull the keycap off the switch.
2. Using a switch puller (often included with replacement switches or sold separately), carefully grip the switch and pull it straight up to remove it from the PCB.
3. Align the pins of the new switch with the holes on the PCB.
4. Press the new switch firmly into place until it clicks. Ensure it is seated correctly and not bent.
5. Reattach the keycap.

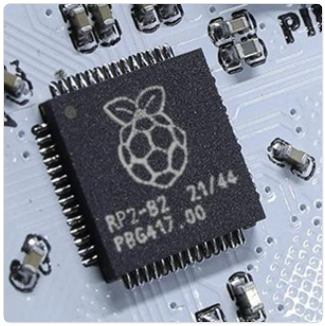
Note: Exercise caution when replacing switches to avoid damaging the PCB or switch pins.

6. Troubleshooting

Problem	Possible Cause	Solution
Controller not recognized by PC/Console.	Loose USB connection. Incorrect USB port. Missing/outdated drivers (PC). Pro Controller Wired Communication disabled (Switch).	Ensure USB cable is securely connected to both controller and device. Try a different USB port. For PC, check Device Manager for driver issues. For Switch, enable "Pro Controller Wired Communication" in System Settings.
Buttons are unresponsive or sticky.	Debris under keycap/switch. Faulty switch. Switch not properly seated.	Remove keycap and clean around the switch. Replace the faulty switch using the hot-swap feature. Ensure all switches are fully pressed into their sockets.
Input lag or inconsistent performance.	Interference from other devices. Outdated firmware.	Ensure no other high-bandwidth USB devices are connected to the same hub. Check the official Haute42 website for firmware updates and installation instructions.

7. Specifications

- **Model:** T16
- **Controller Type:** Leverless Arcade Controller
- **Compatibility:** PC, PlayStation 3, Nintendo Switch
- **Processor:** Raspberry Pi Pico GP2040-CE
- **Connectivity:** USB Type-C (main), EXT.PORT (secondary)
- **Button Type:** Hot-swappable mechanical switches
- **Dimensions (Approx.):** 296mm (W) x 196mm (D) x 12.8mm (H)
- **Features:** Customizable top plate, anti-slip pads, low-latency input.



Close-up of the Raspberry Pi Pico GP2040-CE chip, which powers the Haute42 T16 for optimal performance.

8. Warranty and Support

8.1 Warranty Information

The Haute42 Leverless Controller T16 comes with a**30-day initial defect warranty**. If you encounter any manufacturing defects within 30 days of purchase, you are eligible for a new product exchange or a refund.

8.2 Customer Support

For any inquiries regarding complex settings, technical issues, or general support, please contact our customer support. Our team is available to assist you.

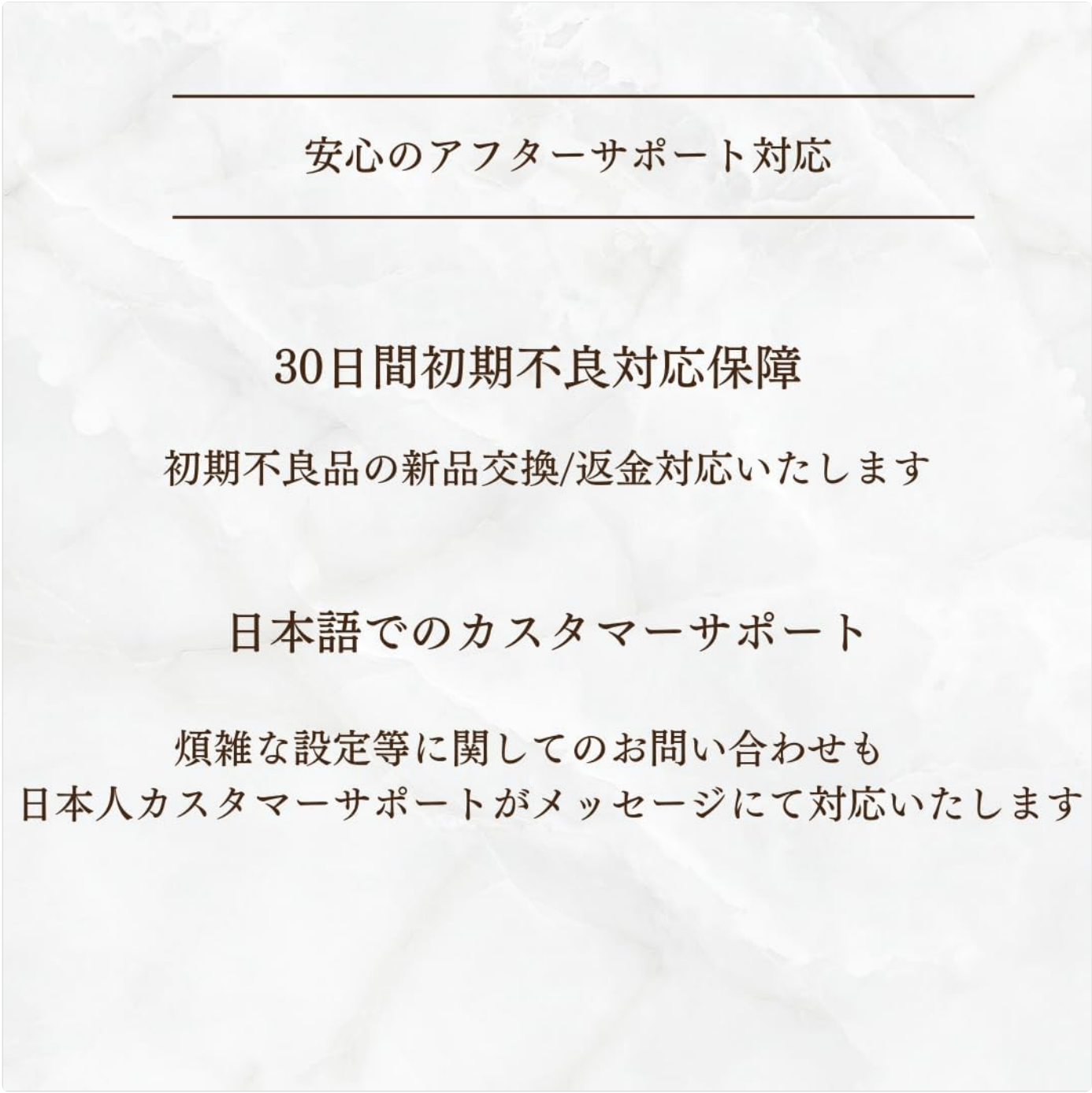


Image detailing the 30-day initial defect warranty and availability of customer support for the Haute42 T16 controller.

9. Product Video

Your browser does not support the video tag.

Official product video showcasing the Haute42 Leverless Controller T16, its features, and gameplay demonstration. This video highlights the controller's design, button layout, and responsiveness in action.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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