

Hercules DJControl Inpulse 500

Hercules DJControl Inpulse 500 User Manual

2-Deck USB DJ Controller for Serato DJ and DJUCED

1. INTRODUCTION AND OVERVIEW

The Hercules DJControl Inpulse 500 is a 2-deck USB DJ controller designed for aspiring and performing DJs. It features a built-in audio interface and hardware input mixer, offering comprehensive control for mixing audio. The controller is compatible with Serato DJ and DJUCED software. Key features include high-definition jog wheels with touch detection, 16 backlit RGB pads for performance, and a dedicated Filter/FX area for smooth transitions. The unit is also designed with retractable feet for improved ergonomics and protection.



Figure 1: Hercules DJControl Inpulse 500 DJ Controller

This image displays the overall design of the Hercules DJControl Inpulse 500, highlighting its two decks, central mixer, and performance pads.

2. WHAT'S IN THE BOX

Upon unboxing your Hercules DJControl Inpulse 500, please ensure all the following items are present:

- DJ Deck (Hercules DJControl Inpulse 500)
- USB Cable
- Owner's Manual

3. SETUP

3.1. Connecting the Controller

To begin using your DJControl Inpulse 500, connect it to your computer and audio system as follows:

1. Connect the supplied USB cable from the controller's USB port to an available USB port on your computer.
2. Connect your speakers to the MASTER output (RCA) on the rear of the controller.
3. For monitoring, plug your headphones into the headphone jack on the front of the controller.
4. (Optional) Connect a microphone to the unbalanced MIC input on the rear panel.

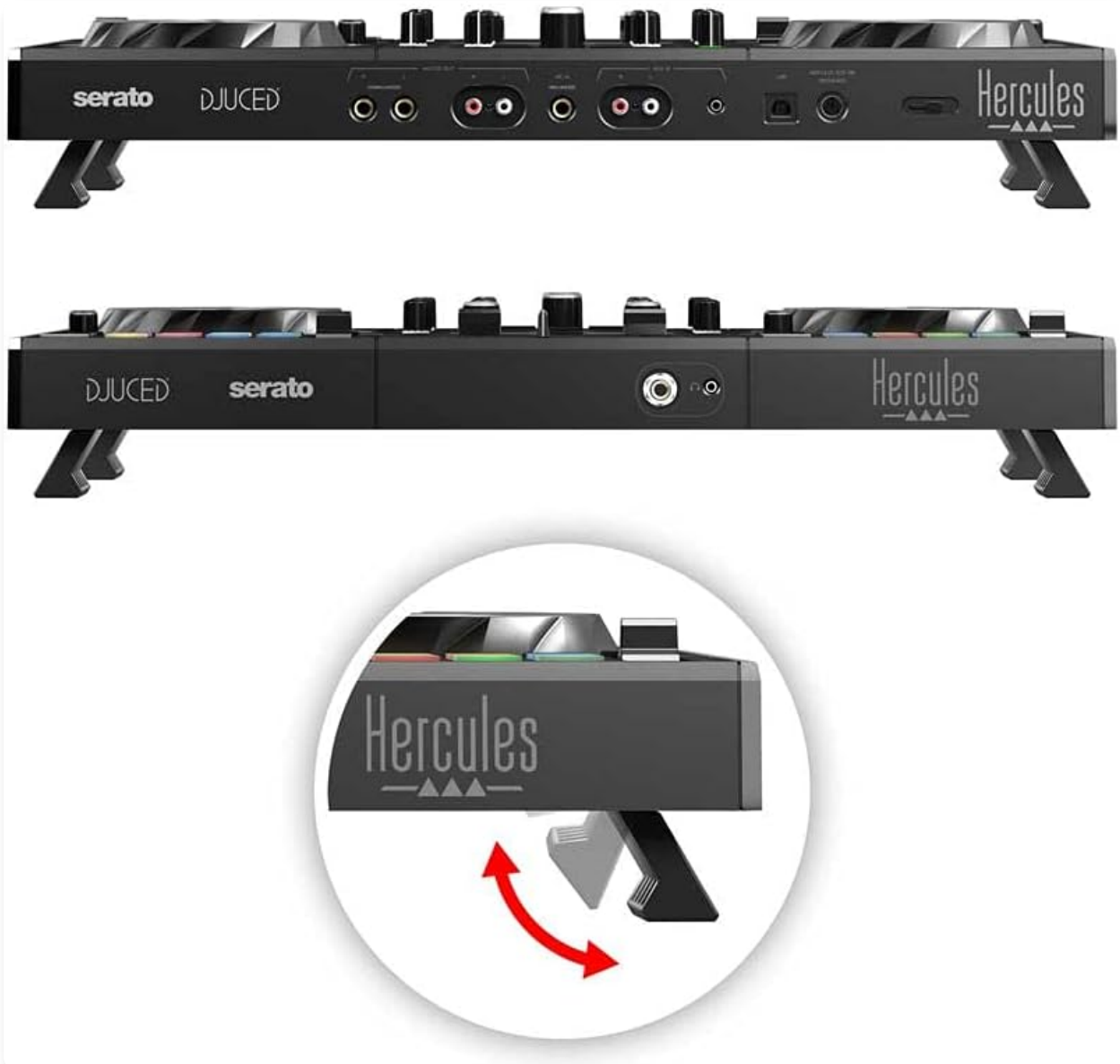


Figure 2: Rear Panel Connections

This image illustrates the rear panel of the DJControl Inpulse 500, showing the USB, Master (RCA), and Microphone input

connections.

3.2. Software Installation

The Hercules DJControl Inpulse 500 is designed for use with Serato DJ and DJUCED software. Please download and install the latest versions of your preferred DJ software from the official websites.



Figure 3: Software Compatibility

This image highlights the compatibility of the DJControl Inpulse 500 with DJUCED and Serato DJ Lite software.

4. OPERATING INSTRUCTIONS

4.1. Overview of Controls

The DJControl Inpulse 500 features a standard 2-deck layout with a central mixer section. Familiarize yourself with the main components:

- **Jog Wheels:** Large, touch-sensitive jog wheels for scratching and track navigation.
- **Performance Pads:** 16 backlit RGB pads for triggering hot cues, loops, samples, and effects.
- **Mixer Section:** Includes gain, EQ (High, Mid, Low), filter, and volume faders for each deck, along with a crossfader.
- **Filter/FX Area:** Dedicated controls for applying filters and effects to your mix.
- **Beatmatch Guide:** Visual guides to assist with manual beatmatching.



Figure 4: Top Panel Layout

This image provides a clear top-down view of the controller, showing the layout of all buttons, knobs, and jog wheels.

4.2. Basic Mixing

1. **Loading Tracks:** Use the Browse knob to navigate your music library in Serato DJ or DJUCED. Press the LOAD buttons (1 or 2) to assign tracks to the respective decks.
2. **Playing and Pausing:** Use the Play/Pause buttons located below each jog wheel.
3. **Beatmatching:** Adjust the tempo faders and use the jog wheels to align the beats of two tracks. The Beatmatch Guide LEDs will assist you in achieving perfect synchronization.
4. **EQ and Filter:** Use the EQ knobs (High, Mid, Low) to adjust the frequency balance of each track. The Filter knob allows for creative frequency sweeps.
5. **Crossfader:** Blend between Deck 1 and Deck 2 using the central crossfader.



Figure 5: Beatmatch Guide on Jog Wheel

This close-up shows the jog wheel and the Beat Align guide, which illuminates to indicate when tracks are synchronized.

4.3. Performance Features

- **Hot Cues:** Use the performance pads to set and trigger cue points within your tracks.
- **Loops:** Create instant loops using the dedicated loop buttons (Loop In/Loop Out).
- **Sampler:** Trigger pre-loaded samples using the performance pads in sampler mode.
- **Effects:** Apply various effects using the FX paddles and buttons in the Filter/FX area.



Figure 6: Performance Pads and Filter/FX

This image details the multi-colored performance pads and the intuitive Filter/FX controls.

5. KEY FEATURES

- **Integrated Audio Interface:** Provides high-quality audio output directly from the controller, eliminating the need for external sound cards.
- **Hardware Input Mixer:** Allows for direct connection of external audio sources, such as a microphone, independent of the computer.
- **High-Definition Jog Wheels:** Large, touch-sensitive jog wheels offer precise control for scratching and track manipulation.
- **RGB Performance Pads:** 16 backlit pads provide tactile feedback and visual cues for triggering various performance modes.
- **Retractable Feet:** Unique design feature that elevates the controller, improving ergonomics and protecting it from spills.



Figure 7: Retractable Feet

This image shows the DJControl Inpulse 500 with its retractable feet extended, demonstrating how it can be elevated.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. Avoid abrasive cleaners or solvents.
- **Storage:** Store the controller in a dry, dust-free environment. If transporting, use a protective case.
- **Cable Care:** Handle USB and audio cables carefully to prevent damage. Avoid sharp bends or excessive pulling.

7. TROUBLESHOOTING

- **No Power/Connection:** Ensure the USB cable is securely connected to both the controller and your computer. Try a different USB port or cable.
- **No Sound:** Check all audio connections (Master output to speakers, headphones). Verify that the volume levels on the controller and in your software are not muted or too low. Ensure the correct audio device is selected in your DJ software settings.
- **Software Not Recognizing Controller:** Restart your computer and DJ software. Ensure the latest

drivers (if required) and software updates are installed.

8. SPECIFICATIONS

Feature	Detail
Brand	Hercules
Model Number	4780909
Item Weight	10.44 pounds
Product Dimensions	10.54 x 20.26 x 5.12 inches
Hardware Interface	USB
Material Type	Metal, Plastic
Power Source	Corded Electric
Number of Channels	2
Connectivity Technology	USB

9. OFFICIAL PRODUCT VIDEOS

Hercules DJ Lifestyle Video

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This video showcases the Hercules DJControl Inpulse 500 in various lifestyle settings, demonstrating its portability and ease of use for different DJ scenarios.

Hercules DJControl Inpulse 500 Overview

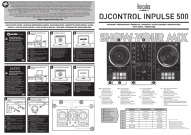
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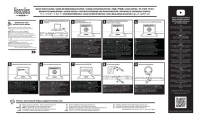



This video provides a detailed overview of the Hercules DJControl Inpulse 500, highlighting its features and functionalities for effective DJ performance.

10. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official Hercules website or contact their customer service. Keep your purchase receipt as proof of purchase.

Related Documents - DJControl Inpulse 500

	<p>Hercules DJControl Inpulse 500 Quick Start Guide</p> <p>A guide to setting up and using the Hercules DJControl Inpulse 500 DJ controller with Serato DJ Lite and DJUCED software. Includes connection instructions, software setup, and an overview of the controller's features and software interfaces.</p>
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<p>사용설명서</p> <p>DJCONTROL IMPULSE 500</p>	<p>Hercules DJControl Inpulse 500 : DJ</p> <p>Hercules DJControl Inpulse 500 DJ . , , Serato DJ Lite DJUCED® ,</p>
	<p>Hercules DJControl Inpulse 300 Mk2 Quick Start Guide</p> <p>A quick start guide for the Hercules DJControl Inpulse 300 Mk2, covering setup, driver installation, and software connection for Serato DJ Lite and DJUCED.</p>
	<p>Hercules DJControl Inpulse 300 Mk2 Quick Start Guide - Setup and Installation</p> <p>Comprehensive quick start guide for the Hercules DJControl Inpulse 300 Mk2 DJ controller. Learn how to connect, install software (Serato DJ Lite, DJUCED), and set up your equipment for music production and DJing.</p>
<p>HOW TO USE</p> <p>Hercules DJCONTROL IMPULSE 300</p> 	<p>Hercules DJControl Inpulse 300: Guía de Uso Fácil</p> <p>Aprenda a usar el controlador DJ Hercules DJControl Inpulse 300 con esta guía completa. Cubre la instalación, preparación de DJUCED, sincronización de BPM, alineación de ritmos, transiciones y el uso del Asistente Musical Inteligente.</p>
<p>HOW TO USE</p> <p>Hercules DJCONTROL IMPULSE 200</p> 	<p>Hercules DJControl Inpulse 200: Easy to Use Guide</p> <p>This guide provides step-by-step instructions for the Hercules DJControl Inpulse 200 DJ controller, covering setup, DJUCED software, beatmatching, transitions, and advanced features for aspiring DJs.</p>