

Hercules Inpulse T7

Hercules DJControl Inpulse T7 Motorized DJ Controller User Manual

Model: Inpulse T7

1. INTRODUCTION

The Hercules DJControl Inpulse T7 is a 2-deck motorized DJ controller designed to provide an authentic vinyl turntable experience combined with digital technology. This manual provides essential information for setting up, operating, and maintaining your DJ controller to ensure optimal performance and longevity.

The controller features 2 motorized platters for 7-inch discs, offering a realistic feel for mixing, beatmatching, and scratching. It includes compatibility with Serato DJ Lite and DJUCED software, with support for Serato DJ Pro.

2. KEY FEATURES

- 2-deck USB DJ controller with built-in audio interface and central mixer with microphone input.
- Includes Serato DJ Lite, featuring real-time Stems technology, and DJUCED. Compatible with Serato DJ Pro.
- 2 motorized platters for 7-inch discs with touch detection and 3.9-inch / 10-cm tempo faders.
- Easy to transport and set up at just 11 lbs / 5 kg, with built-in handles and retractable feet.
- Separate vinyl record, slipmat, and platter, allowing you to remove the vinyl record.
- Genuine mixer layout with 3 EQ knobs, 1 Gain knob and 1 Filter knob per deck, 1 volume fader per deck, 1 VU meter per deck; crossfader and Master VU meter. Fx in the middle: 3 FX per deck, 1 FX paddle, 1 dry/wet knob and beat parameter controls.
- 16 backlit RGB pads, Loop In/Loop Out buttons, loop encoder, Stems controls, for creating mixes.

3. SETUP

3.1 Unpacking and Initial Inspection

Carefully remove the DJControl Inpulse T7 from its packaging. Inspect the unit for any signs of damage. Ensure all components, including the controller, USB cable, power adapter, and 7-inch vinyl records/slipmats, are present.



Figure 1: Hercules DJControl Inpulse T7 with vinyl and slipmat removed, showcasing the retractable feet and platter mechanism.

3.2 Connecting to a Computer

1. Connect the provided USB cable from the DJControl Inpulse T7 to an available USB port on your computer.
2. Connect the power adapter to the controller and then to a power outlet.
3. Install the necessary DJ software (Serato DJ Lite or DJUCED) on your computer. Drivers may be automatically installed with the software or require a separate download from the Hercules website.

3.3 Audio Connections

The DJControl Inpulse T7 offers multiple audio output options:

- **Master Outputs:** Connect your main speakers or sound system to the XLR or RCA master outputs.
- **Headphones Outputs:** Connect your headphones to either the 1/4-inch (6.35mm) or 1/8-inch (3.5mm) stereo jack.
- **Microphone Input:** Connect a microphone to the 1/4-inch (6.35mm) microphone input.



Figure 2: Rear and side views of the controller, highlighting various input/output ports and the retractable feet.

4. OPERATING INSTRUCTIONS

4.1 Motorized Platters

The 7-inch motorized platters simulate the feel of traditional vinyl turntables. They accelerate from 0 to 33 $\frac{1}{3}$ RPM in a tenth of a second. You can manipulate the playback by touching the vinyl record's label or the ring around the platter to slow down or speed up tracks. Pausing and playing can be achieved by placing or removing your fingers from the vinyl record.



Figure 3: Hands-on operation of the DJControl Inpulse T7, demonstrating interaction with the motorized platters and mixer section.

4.2 Mixer Controls

The central mixer section provides comprehensive control over your audio:

- **EQ Knobs:** Adjust the High, Mid, and Low frequencies for each deck.
- **Gain Knobs:** Control the input level for each deck.
- **Filter Knobs:** Apply high-pass or low-pass filters to each deck.
- **Volume Faders:** Adjust the volume for each deck.
- **Crossfader:** Blend between Deck 1 and Deck 2.
- **VU Meters:** Monitor audio levels for each deck and the master output.
- **FX Section:** Utilize 3 FX per deck, an FX paddle, a dry/wet knob, and beat parameter controls for creative effects.



Figure 4: Detailed view of the mixer controls, including EQ, gain, filter, and volume faders.

4.3 Performance Pads and Stems Control

The 16 backlit RGB pads offer various performance modes, including Hot Cue, Loop, Stems, and Sampler. The dedicated Stems controls allow for real-time isolation or removal of instrumental and vocal parts of a track, enabling dynamic mixing and mashups.

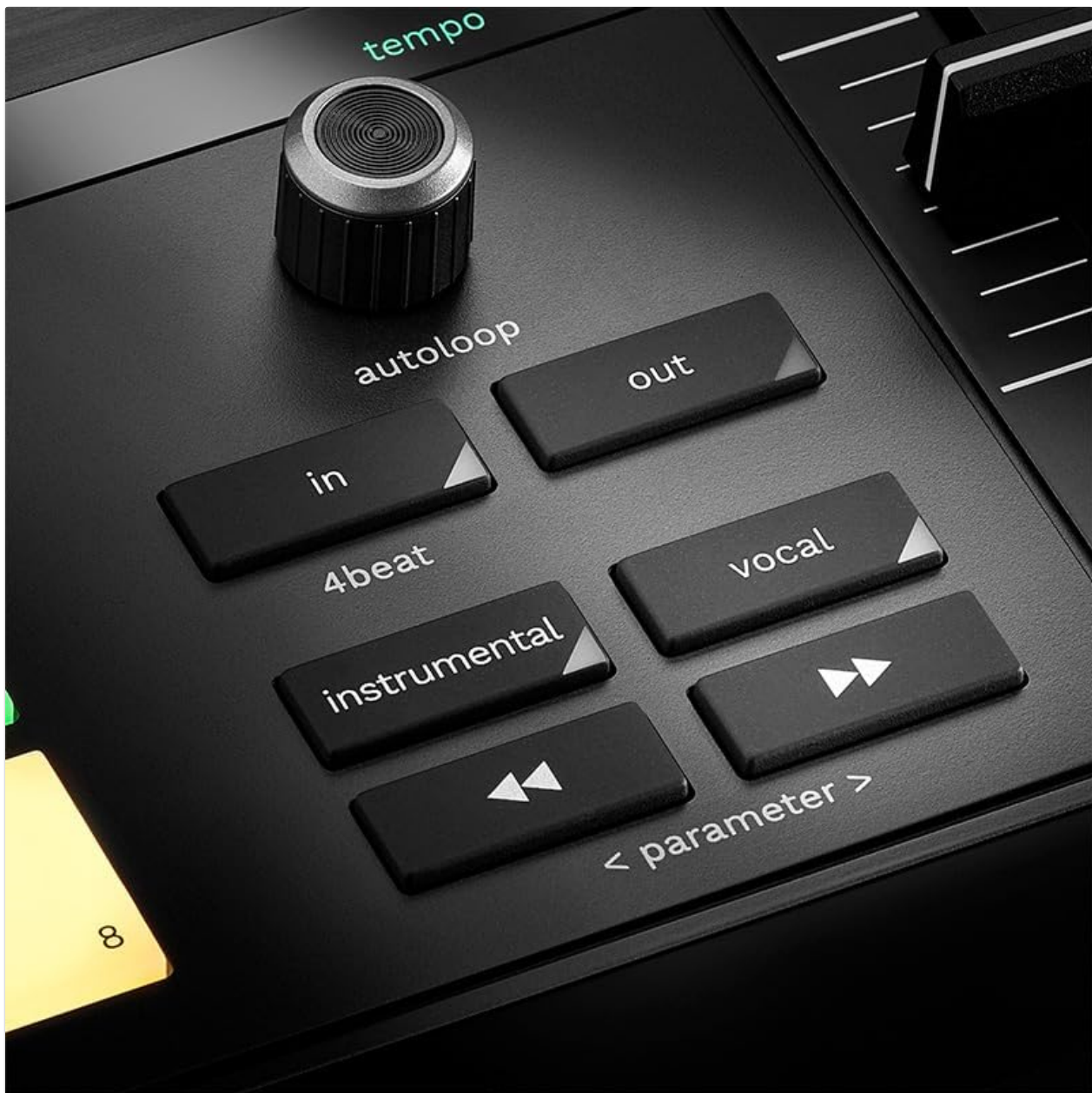


Figure 5: Close-up of the dedicated Stems control buttons for instrumental and vocal separation.

4.4 Software Integration

The DJControl Inpulse T7 is designed for seamless integration with Serato DJ Lite and DJUCED. Ensure your software is up-to-date for the best performance and access to all features.

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Video 1: An overview of the Hercules DJControl Inpulse T7's features and its use in various DJing scenarios, demonstrating its motorized platters and mixer capabilities.

5. MAINTENANCE

To ensure the longevity and optimal performance of your DJControl Inpulse T7, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the surface of the controller. Avoid abrasive cleaners or solvents. For the motorized platters, gently wipe the vinyl records and slipmats.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures. If transporting, use a protective case.

- **Cable Management:** Avoid bending or crimping cables excessively. Disconnect cables by pulling the plug, not the cable itself.
- **Software Updates:** Regularly check for and install software and firmware updates from the Hercules website to ensure compatibility and access to new features.

6. TROUBLESHOOTING

If you encounter issues with your DJControl Inpulse T7, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the controller and a working power outlet. Check the power indicator light on the unit.
- **No Sound:** Verify all audio cables (master outputs, headphones) are correctly connected. Check the volume levels on the controller, your computer, and your speakers/headphones. Ensure the correct audio output device is selected in your DJ software settings.
- **Controller Not Recognized:** Confirm the USB cable is securely connected. Restart your computer and the DJ software. Reinstall the controller drivers if necessary.
- **Platters Not Responding:** Check if the motorized platters are enabled in your DJ software settings. Ensure no debris is obstructing the platter mechanism.
- **Software Freezing/Crashing:** Ensure your computer meets the minimum system requirements for the DJ software. Close other applications running in the background. Update your DJ software and controller firmware.

For further assistance, consult the Hercules support website or contact customer service.

7. SPECIFICATIONS

Feature	Detail
Brand	Hercules
Model Name	Inpulse T7
Model Number	4780928
Connectivity Technology	USB
Color	Black
Item Weight	5 Kilograms
Material Type	Stainless Steel
Platform	Windows (and macOS via software)
Human Interface Input	Buttons, Dial
Audio Outputs	2x XLR Master, 2x RCA Master, 1/4" Headphone, 1/8" Headphone
Audio Inputs	1/4" Microphone

8. WARRANTY INFORMATION

The Hercules DJControl Inpulse T7 comes with a one-year limited warranty from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, or to initiate a warranty claim, please visit the official Hercules support website.

9. SUPPORT

For technical support, product registration, FAQs, and additional resources, please visit the official Hercules support website:

[Hercules Support Website](#)

You can also find community forums and tutorials to enhance your DJing experience with the Inpulse T7.