DENON DJ

DS1

User Guide

DENON DJ

User Guide (English)

Introduction

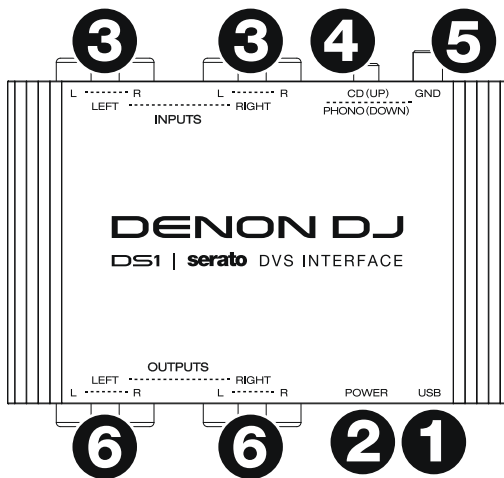### Box Contents

DS1	USB Cable
(4) Stereo RCA Cables	Software Download Card
(2) Serato NoiseMap™ Control Vinyl Records	User Guide
(2) Serato NoiseMap™ Control CDs	Safety & Warranty Manual

Support

For the latest information about this product (system requirements, compatibility information, etc.) and product registration, visit **denondj.com**.

Features

1. **USB Port:** This connection powers DS1 (when your computer is powered on) and sends to and receives audio from your computer. Use the included USB cable to connect this USB port to an available USB port on your computer.

2. **Power Light:** This LED lights up when DS1 is connected to your computer and powered on.

3. **Inputs:** Use standard stereo RCA cables to connect these inputs to your audio sources. These inputs can accept line- or phono-level signals. Use the **Phono/CD Selector** to set the proper input level.

4. **Phono/CD Selector:** Set this switch to match the levels of the audio sources connected to the inputs. Use the **CD (up)** position for line-level CD players and media players or other line-level audio sources. Use the **Phono (down)** position for phono-level sources such as vinyl turntables.

5. **Grounding Terminal:** If you're using phono-level turntables with a grounding wire, connect the wire to these terminals. If you experience a low "hum" or "buzz," this could mean that your turntables are not grounded. Please note that some turntables have a grounding wire built into the RCA connection and, therefore, nothing needs to be connected to the grounding terminal.

6. **Outputs:** Use standard stereo RCA cables to connect these outputs to your powered speakers or amplifier system. The main/master mix from your computer will be sent out of these stereo RCA outputs.
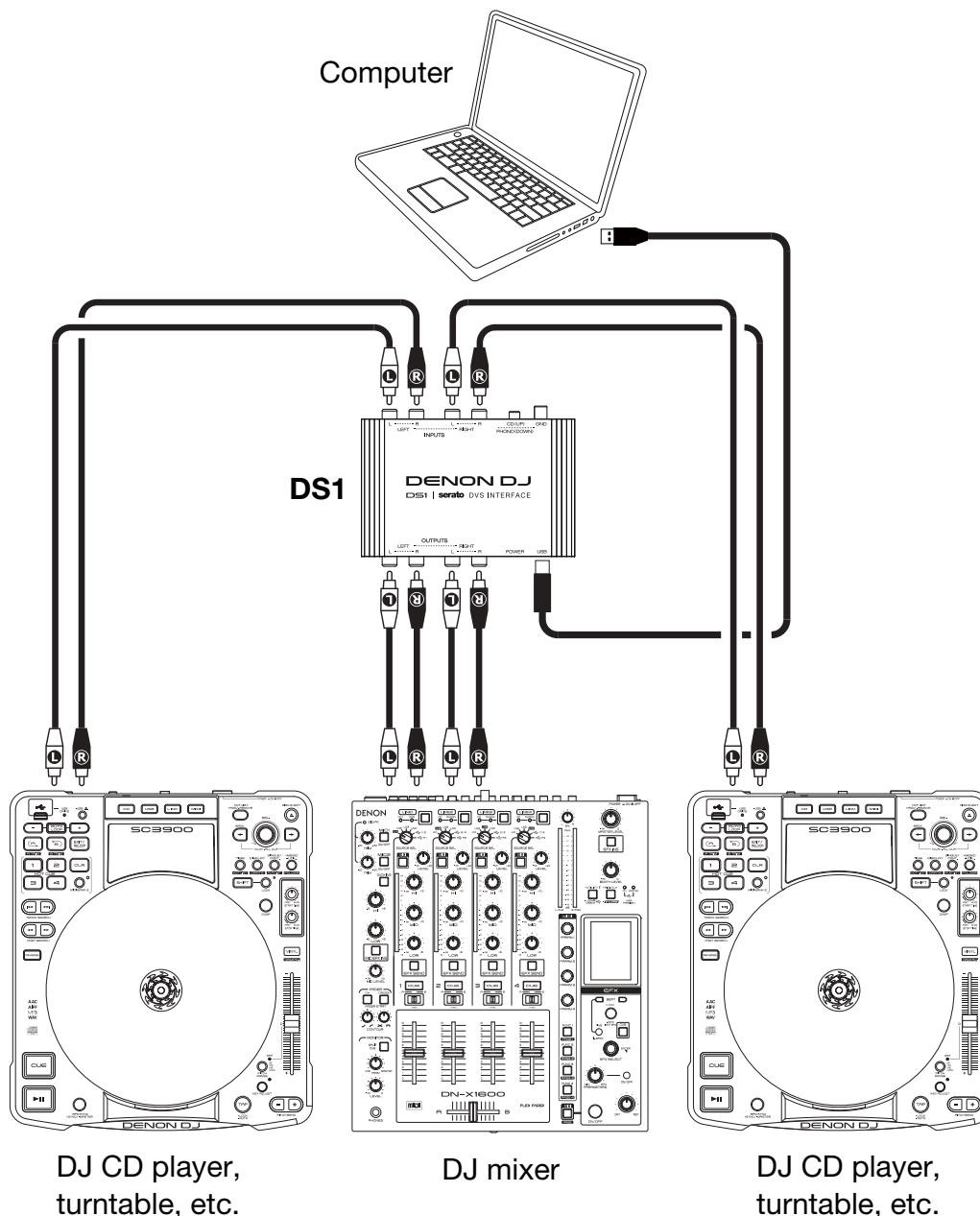
Quick Start

Items not listed under *Introduction > Box Contents* are sold separately.

1. **Windows users only:** Before installing the software, visit **denondj.com**, find the product page for **DS1**, and download and install the DS1 driver for Windows.
2. Visit **serato.com**, and download and install the latest version of Serato DJ.
3. Make sure all devices are off and all faders and gain knobs are set to "zero."
4. Make all necessary connections in your DJ setup (e.g., mixer to loudspeakers, CD players or turntables to DS1, etc.).
5. Connect DS1 to your computer with a standard USB cable (included).
6. Open Serato DJ.

   To learn how to calibrate Serato DJ, visit the **Support** page at **serato.com**. You will need the included Serato Control Vinyl or CDs for this calibration process.

Setup Example:

DJ CD player, turntable, etc.   DJ mixer   DJ CD player, turntable, etc.

DENON DJ

Appendix (English)

Technical Specifications

Specifications are subject to change without notice.

Audio Interface	24-bit
Sampling Rates	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
Connections	**2** stereo RCA input pairs (selectable CD-level or phono-level with grounding terminal) **2** stereo RCA output pairs **1** USB 2.0 port
Power	USB-bus-powered
Dimensions (width x depth x height)	4.7" x 3.0" x 0.9" 11.9 cm x 7.7 cm x 2.3 cm
Weight	0.55 lbs. 0.25 kg

Trademarks and Licenses

Denon is a trademark of D&M Holdings Inc., registered in the U.S. and other countries.

Serato, Serato DJ, NoiseMap and the Serato logo are registered trademarks of Serato Audio Research.

All other product or company names are trademarks or registered trademarks of their respective owners.

Technical Specifications

All specifications are measured at 20 kHz bandwidth.

Line Inputs 1–4 (unbalanced RCA)	
Frequency Response	20 Hz – 20 kHz (±0.02dB)
Dynamic Range	103 dB (A-weighted)
Signal-to-Noise Ratio	100 dB (1 kHz, +6 dBV (2Vrms), A-weighted)
THD+N	0.002% (1 kHz +6 dBV (2Vrms))
Max Input Level	+9 dBV
Input Impedance	47 kΩ

Phono Inputs 1–4 (unbalanced RCA)	
Dynamic Range	81 dB (A-weighted)
THD+N	0.022% (1 kHz, -27dBV)
Max Input Level	-26dBV (53 mVrms)
Input Impedance	47 kΩ

Line Outputs 1–4 (unbalanced RCA)	
Frequency Response	20 Hz – 20 kHz (±0.07 dB)
Dynamic Range	100 dB (A-weighted)
THD+N	0.007% (1 kHz, -1 dBFS)
Maximum Output Level	+6 dBV
Output Impedance	100 Ω

Specifications are subject to change without notice.

denondj.com

Manual Version 1.0