



# DENON DJ



## Professional DJ Mixer DN-X1500S

DENON's latest DJ mixer with unparalleled sound quality for professional DJs has now arrived. To equal the incredible abilities of its renowned tabletop CD/MP3 players, DENON DJ announces the DN-X1500S DJ mixer, offering advanced features with unprecedented functionality and flexibility for clubs and mobile DJs. To achieve this exceptional performance, a floating 32-Bit SHARC® Digital Signal Processor empowers the fully digital circuit, ensuring low noise and exceptional audio fidelity.

The Effector and Sampler are built in to further boost the DJ's creative powers. The all new Flex Fader cross fader with torque tension adjustment was carefully crafted to withstand the rigorous performance of the toughest DJs. Additionally, the DN-X1500S is conveniently equipped with a USB port, allowing firmware updates via a PC.



### Advanced Features


- **Matrix Input Assignment**  
Eight input sources are freely assignable to any channel. This opens up a world of creativity utilizing the same source for multi-channel effect remixing.
- **Flex Fader –45mm Professional Cross Fader with Tension Torque Adjustment**
  - Linear contour control
  - Exceptional electrical and mechanical performance
  - Stainless steel slide rails
  - Tension torque adjustment 0 to 50 g ·cm
  - Endurance-tested contacts
- **Sampler (CD Quality Sound)**  
The sampler utilizes audio from any of six mixer sources (Ch 1/2/3/4, Mic, Master) and offers edit options including Loop, Reverse Loop, Stutter, Single Playback and A-B Trim with overall Pitch Control adjustment of up to ±100%.
- **Internal Digital Effects**  
Delay, Echo1, Echo2, Filter 1, Filter 2, Flanger, Auto Pan, Trans, and Key % over Ch1/Ch2/Ch3/Ch4/Main Mic/Master – all with pre-cueing option and convenient Dry/Wet mix control knob.
- **3-Way BPM Counter – Auto/TAP/Manual Input** This 3-way system was developed to ensure that the on-board effects are precisely synced with the music.
- **Cross Fader Start and Channel Fader Start**  
Cross and Channel Fader Start Trigger is possible and compatible with all of Denon DJ's CD/MP3 players as well as most other brands.
- **Constant Digital Output: 44.1 kHz, SPDIF**  
The DN-X1500S allows you to record directly to CD-R or hard disc device via coaxial digital output terminal.
- **Stereo Send/Return Terminals** for external effects processor. External and internal effects can be used simultaneously.
- **3-band EQ (On/Off Switchable)** with parametric frequency adjustment.
- **Main Mic and Aux Mic Inputs** (Neutrix combo and 1/4") with Main and Aux/Sub level control and EQ.

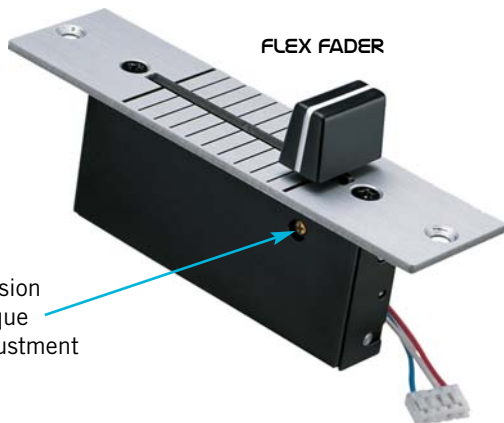
*continued on next page*

# DN-X1500S

continued from front page

## Other Features

- **Pre Fader Levels (PFL) for Each Channel**  
All input channel levels can be pre-adjusted to match output level meter ensuring a smooth transition between fades.
- **Mic Post Feature**  
Passes the Mic signal into BOOTH, REC or DIGITAL output signal path. A great feature to avoid feedback in the DJ booth or unwanted announcements on your recordings.
- **Preset Function**  
It is possible to customize the machine to your preference by saving your favorite setting to internal memory.
- **Headphone Output selector (Split Cue)**
- **Booth Output**  
You are able to pre-monitor any channel and effect through the booth output in the same manner as you would with your headphones, only out loud!
- **SHARC<sup>®</sup> D.S.P. by Analog Devices**  




## Specifications

### GENERAL

Dimensions	12.2 (W) x 4.3 (H) x 12.9 (D) inch 310 (W) x 110 (H) x 327 (D) mm
Weight	6.7 kg, 14.7 lbs.
Power Supply	AC120 V $\pm$ 10%, 60 Hz
Power Consumption	45 W

### AUDIO SECTION

#### Input Level and Impedance:

8-Line	-14 dBV (200 mV) 50 k $\Omega$ /kohms
3-Phono	-50 dBV (3.0 mV) 50 k $\Omega$ /kohms
Effect (Return)	-14 dBV (200 mV) 50 k $\Omega$ /kohms
Main Mic	-54 dBV (2.0 mV) 2 k $\Omega$ /kohms
Aux Mic	-60 dBV (1.0 mV) 1 k $\Omega$ /kohms

#### Output Level and Impedance:

Balanced	4 dBu (1.23 V) 150 $\Omega$ /ohms
Unbalanced	0 dBV (1.0V) 1 k $\Omega$ /kohms
Effect (Send)	-14 dBV (200 mV) 1 k $\Omega$ /kohms
Headphone	0 dBV (1.0 V) 100 $\Omega$ /ohms

#### Frequency Response:

Line	20 to 20 kHz $\pm$ 2 dB
Phono	20 to 20 kHz RIAA $\pm$ 2 dB
Mic	20 to 20 kHz $\pm$ 3 dB

#### Signal to Noise Ratio:

Line	85 dB (at Noise Gate ON)
Phono	73 dB (at Noise Gate ON)
Main Mic	65 dB (at Noise Gate ON)

#### Total Harmonic Distortion Rate:

Line	Below 0.02%
Phono	Below 0.05%
Cross Talk	Over 70 dB

#### Channel Equalizer:

Hi	+10 dB (8 kHz), -33 dB (15 kHz)
Mid	+10 dB (8 kHz), -40 dB (1 kHz)
Low	+6 dB (8 kHz), -40 dB (60 Hz)

#### Microphone Equalizer:

Hi	+12 dB, -12 dB (10 kHz)
Mid	+12 dB, -12 dB (1 kHz)
Low	+12 dB, -12 dB (100 Hz)

#### Digital Output (COAXIAL):

Signal Format	IEC958 Type II
Output Level	0.5 V <sub>p-p</sub> 75 $\Omega$ /ohms
Output Signal Level	-6 dB

Design and specifications are subject to change without notice.



# DENON DJ

1100 Maplewood Drive  
Itasca, Illinois 60143  
Tel: 866.405.2154  
Fax: 630.741.0652  
www.denondj.com

© 2006 D&M Professional.  
All Rights reserved.