

# DN-X1500SK

## Digital Matrix-In Mixer



flexibility  
matrix input assignment

8 line/3 phono inputs switchable  
FlexFader cross fader

Analog Devices Sharc DSP  
9 built-in digital effects

### Matrix-In

Eight input sources are freely assignable to any channel. This opens up a world of creativity utilizing the same source for multichannel effect remixing.

### Flex Fader Crossfader

- 45mm Cross Fader with Tension Torque Adjustment
- Linear Contour Control
- Exceptional electrical and mechanical performance
- Stainless steel slide rails
- Tension torque adjustment 0 to 50g/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  $\pm 100\%$ .

### 9 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 and Manual Input. This 3 way system was developed to ensure that the on-board effects are precisely synced with the music.

### SHARC DSP®

from Analog Devices™. This guarantees the outstanding sound and makes the mixer also ideal for high professional studio purposes.

### 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.

### 2 x Mic.

Main Mic and Aux Mic Inputs. (Neutrix combo and 1/4") with Main and Aux/Sub level control and EQ. Split Cue Headphone Output selector.



## Pre Fader Levels

All input channel levels can be pre-adjusted to match output level meter ensuring a smooth transition between fades.

## Mic Post

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

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.

## 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!

## 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.

## 19" rackmount kit RMK1500

optional available.

## 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

### Audio Section

Input Level & Impedance:	
8-Line:	-14 dBV (200 mV) 50 kohms
3-Phono:	-50 dBV (3,0 mV) 50 kohms
Effect (Return):	-14 dBV (200 mV) 50 kohms
Main Mic:	-54 dBV (2,0 mV) 2 kohms
Aux Mic:	-60 dBV (1,0 mV) 1 kohm

## Specifications

### Audio Section

Output Level & Impedance:	
Balanced:	4 dBu (1,23 V) 150 kohms
Unbalanced:	0 dBV (1,0V) 1 kohm
Effect (Send)	-14 dBV (200 mV) 1 kohm
Headphone	0 dBV (1,0 V) 100 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:	below 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 Vp-p 75 $\Omega$ /ohms
Output signal level:	-6 dB



Specifications are subject to change without notice for the purpose of improvement.