



# DENON

Professional DJ Mixer

# DN-X1500

Superior Features and Reliability Supporting High-level DJ Performance. DENON's Latest DJ Mixer for Professional Use is Now Here.



\* The DN-S5000s beside are not included in the DN-X1500.

To equal the incredible abilities of its renowned DN-S5000 and DN-S3000 single CD/MP3 players, DENON announces the DN-X1500 DJ mixer, offering advanced features with unprecedented functionality and flexibility. All the internal circuitry is now digital, ensuring low noise and exceptional audio quality. The Effector and Sampler are built in to further boost the DJ's creative powers. Denon has strictly selected the Cross Fader to provide high sound quality and reliability, even under heavy usage. Additionally, the DN-X1500 is conveniently equipped with a USB port, allowing firmware updates via a PC.

### Main Features

#### • Matrix Input Assignment

8 input sources are freely assignable to any channel.

#### • 45mm Penny+Giles Professional Cross Fader with Contour function

- Multi-channel assignable
- Exceptional electrical and mechanical performance
- Environmental shielding
- Glass-smooth conductive plastic tracks
- Precious metal multi-finger contacts

#### • Sampler (CD quality sound)

The sampler utilizes audio from any of 6 mixer sources (Ch1/2/3/4, 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  $\pm 100\%$ .

#### • Internal Digital effects: Delay, Echo1, Echo2, Filter 1, Filter 2, Flanger, Auto Pan, Trans, and Key % over Ch1/Ch2/Ch3/Ch4/Main Mic/Master

#### • Auto BPM/Manual Input (by Tapping a button or rotating a knob) of BPM values/BPM Lock

#### • Cross Fader Start and Channel Fader Start

Cross and Channel Fader Start Trigger is possible and compatible with our CD Players (DN-S5000, S3000, D4000, D6000 etc.).

#### • Constant Digital output: 44.1 kHz, SPDIF (Coaxial terminal)

The DN-X1500 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

#### • 3-band EQ (on/off switchable) with parametric frequency adjustment

#### • Gain control with Pre Fader (PFL) levels for each channel

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

#### • Main Mic and Aux Mic inputs (Neutrix combo and 1/4") with Main and Aux/Sub level control and EQ

#### • Mic Post feature passes the Mic signal into BOOTH, REC or DIGITAL output signal path

#### • 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!



## SPECIFICATIONS

### GENERAL

Dimensions:	310 (W) x 110 (H) x 327 (D) mm 12.2 (W) x 4.3 (H) x 12.9 (D) inch
Weight	6.7 kg, 14.7 lbs.
Power supply	AC120 V ±10%, 60 Hz
Power consumption	45 W

### AUDIO SECTION

#### Input Level & Impedance:

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

#### Output level & Impedance:

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

#### Frequency Response:

Line	20 to 20 kHz ±2 dB
Phono	20 to 20 kHz RIAA ±2 dB
Mic	20 to 20 kHz ±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):

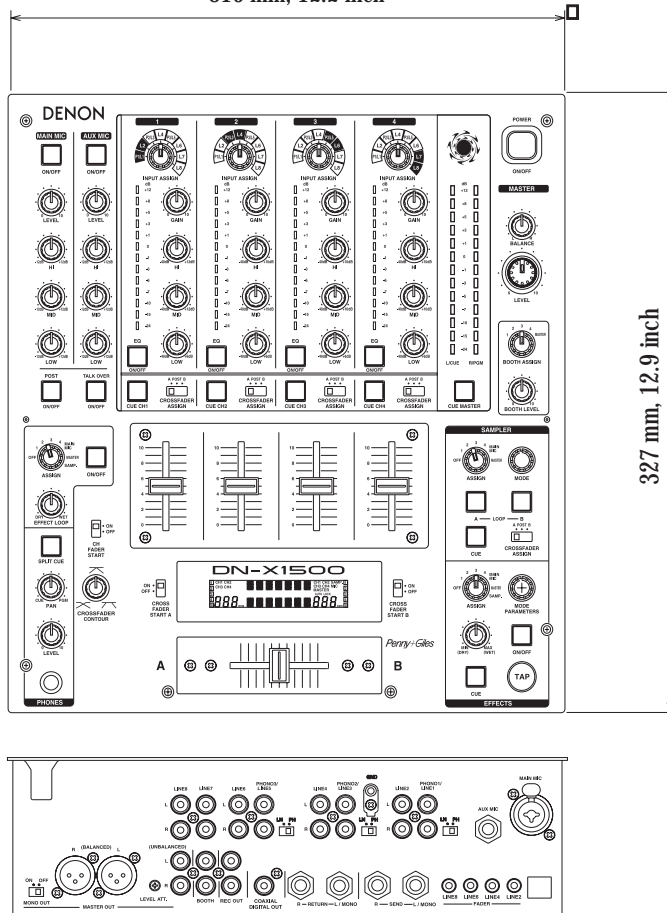
Signal format	IEC958 Type II
Output level	0.5 Vp-p 75 Ω/ohms
Output signal level	-6 dB

90 mm, 3.5 inch

310 mm, 12.2 inch

327 mm, 12.9 inch

20 mm, 0.8 inch



Design and specifications are subject to change without notice.

# DENON

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