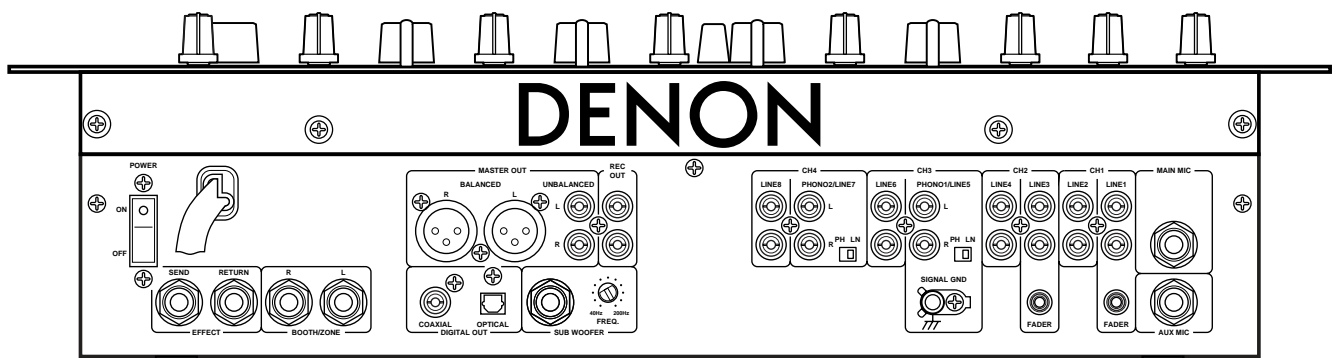# DENON
Professional Audio Brand

Professional Digital/Analog DJ Mixer
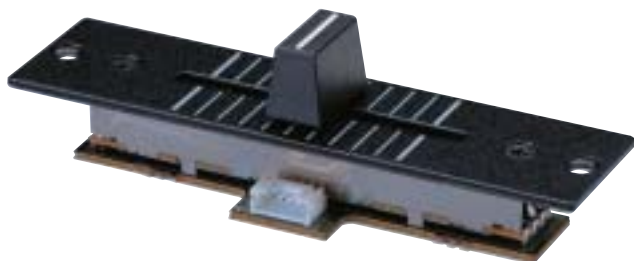# DN-X400 *new*

Made in Japan

The DN-X400 is an affordable Pro mixer that borrows from the technology and construction of our Industry leading mixer, the DN-X800. Including 2 digital outputs, the DN-X400 allows the user to record directly to our 'NEW' PROFESSIONAL CD-R/RW burner, the DN-C550R**; and mark the tracks on-the-fly with our brand new 'Track-Mark' function built right Into the X400!

Unique Features
- 2 Digital outputs (44.1kHz, Coaxial/Optical SPDIF)
  - Simultaneous coaxial and optical outputs
  - Both digital outputs incorporate high quality 20-bit A/D converters
- Track Mark (Worlds First!)
  - When recording to a PRO CD-R/RW recorder such as our new DN-C550R, track markers can be added on the fly.
- Pre-Fader Level (PFL)
  - All input channel levels can be pre-adjusted in advance to match the output level meter insuring a smooth transition between fades.
- Subwoofer Output
  - Built in electronic cross-over allows adjustment from 40Hz to 200Hz
  - The sub-out can also be used to trigger any lighting system that accepts an audio input.
- Fader Start (5V pulse)
  - Cross and Channel Fader-Start Trigger is possible and compatible with our DN-1800F/2100F/2600F CD players.

Basic Features

- 4U Rack Space
- 8 Stereo Input Mixer including 2 Phono/Line Inputs
- 2 Microphone Inputs (2 x 1/4" TRS)
- 4-channel Assignable Cross-Fader (45 mm stroke) with Contour Control
- 3-Band Line EQ (-26dB ~ +10dB) & 3-Band Mic EQ(-12dB ~ +12dB)
- VCA fader design for long life durability.
- Independent Gain Control for each Line on Front Panel.
- Split Cue Headphone Monitor and PFL Display
- Includes Master Output (Balanced and Unbalanced), Send/Return Effect Loop (Stereo), Booth/Zone Output (Balanced), Tape (Rec) Output (Unbalanced)

ACD-36: Replacement Cross Fader for DN-X400/DN-X800 (accessory sold separately)

DN-X800 PROFESSIONAL Digital/Analog DJ Mixer with X-EFFECT

DN-C550R PROFESSIONAL CD-R/RW Recorder

** DN-C550R PROFESSIONAL CD-R/RW burner:
Dual drive/zone playback capabilities & a Pro-use CD-R/RW burner that can toggle between SCMS on/off, records to Data[computer] CD-R or RW disc's & or music Disc's, accepts XLR balanced line in as well as SPDIF coax & optical digital signals. Can simultaneously record from an outside source & play back from drive #1! At your local Authorized Denon dealer now.

SPECIFICATIONS

GENERAL

Dimensions:	482 (W) x 105 (H) x 177 (D) mm (without feet)
	19.0 (W) x 4.1 (H) x 7.0 (D) inch (without feet)
Weight:	5.5 kg, 12.1 lbs.
Power supply:	120 V AC±10%, 60 Hz
	(U. S. A. and Canada models)
Power consumption:	26 W

AUDIO SECTION

Input Sensitivity & Impedance:

Main Mic	-54 dBV (2.0 mV) 10 kΩ/kohms
Aux Mic	-60 dBV (1.0 mV) 10 kΩ/kohms
Effect (Return)	-10 dBV (316 mV) 50 kΩ/kohms
2-Phono	-50 dBV (3.0 mV) 50 kΩ/kohms
8-Line	-14 dBV (200 mV) 50 kΩ/kohms

Output level & Impedance:

Main (Balanced)	4 dBm (1.23 V) 600 Ω/ohms load
Main (Unbalanced)	0 dBV (1.0V) 1 kΩ/kohms
Booth/Zone (Balanced)	4 dBm (1.23 V) 600 Ω/ohms load
Rec (RCA)	-10 dBV (316 mV) 1 kΩ/kohms
Effect (Send)	-10 dBV (316 mV) 1 kΩ/kohms
Subwoofer	-2 dBV (800 mV) 1 kΩ/kohms
Headphone	-4 dBV (630 mV) 150 Ω/ohms

Frequency Response:

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

Signal to Noise ratio:

Line	80 dB (0 dBm, 1 kHz, EQ flat)
Phono	75 dB (0 dBm, 1 kHz, EQ flat)
Main Mic	65 dB (0 dBm, 1 kHz, EQ flat)

Total harmonic distortion rate:

Line Below	0.05%
Phono Below	0.05%
Cross talk:	Over 70 dB

Channel equalizer:

Hi	+10 dB, -26 dB (13 kHz)
Mid	+10 dB, -26 dB (1 kHz)
Low	+10 dB, -26 dB (100 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

Digital output (OPTICAL):

Signal format	IEC958 Type II

* Features and Specifications are subject to change without notice.

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