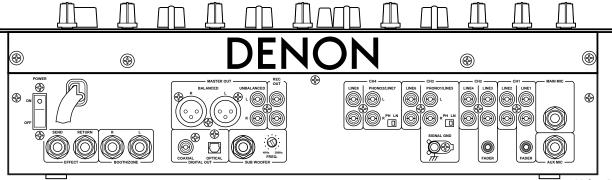


# Professional Digital/Analog DJ Mixer

# DN-X400 new





Made in Japan

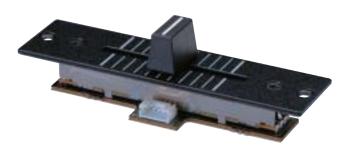
The DN-X400 is an affordable Pro mixer that borrows from the technology and construction of our Industry leading mixer, the DN-X800. Including 2 digital outputs, the DN-X400 allows the user to record directly to our 'NEW' PROFESSIONAL CD-R/RW burner, the DN-C550R\*\*; and mark the tracks on-the-fly with 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  $\sim$  +10dB) & 3-Band Mic EQ(-12dB  $\sim$  +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  $\Omega$ /ohms loadMain (Unbalanced)0 dBV (1.0V) 1 k $\Omega$ /kohmsBooth/Zone (Balanced)4 dBm (1.23 V) 600  $\Omega$ /ohms loadRec (RCA)-10 dBV (316 mV) 1 k $\Omega$ /kohmsEffect (Send)-10 dBV (316 mV) 1 k $\Omega$ /kohmsSubwoofer-2 dBV (800 mV) 1 k $\Omega$ /kohmsHeadphone-4 dBV (630 mV) 150  $\Omega$ /ohms

Frequency Response:

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:

 $\begin{array}{lll} \mbox{Hi} & +12 \mbox{ dB, -12 dB (10 kHz)} \\ \mbox{Mid} & +12 \mbox{ dB, -12 dB (1 kHz)} \\ \mbox{Low} & +12 \mbox{ dB, -12 dB (100 Hz)} \end{array}$ 

Digital output (COAXIAL):

Signal format IEC958 Type II Output level  $0.5 \text{ Vp-p } 75 \Omega/\text{ohms}$ 

Output signal level -6 dB

Digital output (OPTICAL):

Signal format IEC958 Type II

NIPPON COLUMBIA CO., LTD.

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<sup>\*</sup> Features and Specifications are subject to change without notice.