

DN-X900

Analog/Digital Matrix-In Mixer



Flexibility

Matrix input assignment

Digital I/O

4 digital in/2 digital out

FlexFader cross fader

Booth-/zone-/record-out

Matrix Input Assignment No longer does your device need to be married to a particular Channel. 8 input sources are freely assignable to any channel or even multiple channels.

4 Digital Inputs

8 Line/3 Phono Inputs switchable

4 VCA Channel Faders

60 mm, smooth running and long life.

Flex Fader Cross Fader Market leading 45 mm VCA Cross Fader with Contour Adjust. The tension on this crossfader can be adjusted freely.

Track Mark Function No need to reach over to your CD-R burner anymore. Make new track increments right from the mixer.

Channel PFL Meters, independent. All input levels can be pre-adjusted in advance to match the gain levels, insuring a smooth transition between fades

3-Band EQs, independent. For High-Mid-Low frequencies

EQ On/Off Switch Independent for each channel

Booth Output with Assign Selector. Pre-monitor any channel including Master through the boothoutput in the same manner as you would with your headphones, with volume control!

Powerful Headphone Output

Send/Return Control

- Multi Channel Assignable
- Effect On/Off
- Effect Cueing (Pre & Post)
- Effect Dry/Wet Knob

Fader Start 5V0 pulse. Cross Fader and Channel Fader-Start Trigger is compatible with all Denon DJ CD/MP3 players.

Compact 4U Rack Space with Recessed Rear Terminals

3-band Mic EQs For Main and Aux Mic, independent

Mic Talkover Function With Sensitivity Adjustment

Independent CUE System for all channels

Split/Cue Headphone Monitor with PFL Metering

Master Output With -10dB Attenuation and Stereo/Mono Switch

Zone Output With Volume Adjust

Record Out RCA/Unbalanced

Channel A-B Post Switch, independent

2 Digital Outputs, Toslink, SPDIF

Gold Plated RCA Connectors

Subwoofer Output

with Frequency Adjust. Ideal for powered speakers, powered amp or even a signal feed for lighting systems.

Specifications

General

Dimensions: 19.0 (W) x 4.4 (H) x 6.9 (D) inch
482 (W) x 112.5 (H) x 177 (D) mm

Weight: 5.8 kg, 13 lbs.

Power Supply: AC230 V \pm 10%, 60 Hz

Power Consumption: 33 W

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) 10 kOhms
Aux Mic
60 dBV (1.0 mV) 10 kOhms

Output Level/impedance: Balanced
4 dBm (1.23 V) 600 Ohms
Unbalanced
0 dBV (1.0V) 1 kOhm
Booth (Balanced)
4 dBm (1.23 V) 600 kOhms load
Rec (RCA)
-10 dBV (316 mV) 1 kOhm

Output Level/impedance: Effect (Send)
-14 dBV (200 mV) 1 kOhm
Subwoofer/Lighting
2 dBm (975 mV) 600 kOhms
Headphone
0 dBV (1.0 V) 32 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 2 dB

Signal to Noise Ratio: Line
82 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, -35 dB (16 kHz)
Mid +10 dB, -35 dB (1 kHz)
Low +6 dB, -35 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/TOSLINK: Signal format IEC958 Type II
Output level 0.5 Vp-p 75 Ohms
Output signal level -6 dB

Digital Input

COAXIAL: SPDIF 32-48kHz 16,20bit
Input Level 0.5 Vp-p 75 Ohms



Design and specifications are subject to change without notice for the purpose of improvement..