

DN-X500

Matrix In Mixer



Flexibility

Matrix input assignment

8 line/2 phono in switchable

2 mic in

Booth & record out

Mic talkover

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

Inputs 8 Line / 2 Phono switchable

4 VCA Channel Faders
60 mm long, smooth running and long life

VCA Cross Fader
45 mm long, smooth running with Contour Adjust

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 For High-Mid-Low frequenciuess

EQ On/Off Switch, independent

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!

Record Out For Live-Recordings, RCA/Unbalanced

External Send/Return Control

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

Channel A-B Post Switch For crossfader, independent

Powerful Headphone Output

Fader Start (5V 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 Independent for Main and Aux Mic channels

CUE System Independent for all channels

Mic Talkover Function with Sensitivity Adjustment

Split/Cue Headphone Monitor with PFL Metering

Master Output with Stereo/Mono and -10dB attenuation switches

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Subwoofer/Lighting 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	Frequency Response:	Line 20 to 20 kHz ± 2 dB Phono 20 to 20 kHz RIAA ± 2 dB Mic 20 to 20 kHz ± 2 dB
Weight:	5.8 kg, 13 lbs.		
Power Supply:	AC230 V $\pm 10\%$, 60 Hz		
Power Consumption:	27 W		

Audio Section

Input Level/ Impedance:	8-Line -14 dBV (200 mV) 50 kOhms 2-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	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)
Output Level/impedance:	Balanced 4 dBm (1.23 V) 600 Ohms Unbalanced 0 dBV (1.0V) 1kOhm Booth (Balanced) 4 dBm (1.23 V) 600 kOhms load Rec (RCA) -10 dBV (316 mV) 1 kOhm Effect (Send) -14 dBV (200 mV) 1 kOhm	Total Harmonic Distortion Rate:	Line Below 0.05% Phono Below 0.05% Cross talk Over 70 dB
Output Level/impedance:	Subwoofer/Lighting 2 dBm (975 mV) 600 kOhms Headphone 0 dBV (1.0 V) 32 Ohms	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)



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