



# DN-X1100

## Professional 4-Channel Matrix Mixer



### ADVANCED FEATURES

#### Matrix Input Assignment

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

#### 8 Line / 3 Phono, switchable

#### 4 Smooth 60mm VCA Channel Faders w/contour adjust

#### Flex Fader 45mm VCA Cross Fader w/contour adjust

The tension on this crossfader can be adjusted freely.

#### Independent Channel PFL Meters

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

#### Independent 3-Band EQ (High-Mid-Low) w/full kills

#### Independent CUE system (all channels)

#### Booth Output Assign Selector

Pre-monitor any channel including Master through the booth output in the same manner as you would with your headphones, with volume control!

#### External Send/Return Control

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

#### Independent Channel A-B Post Switch (crossfader)

#### Powerful & Clean Headphone Output

#### Fader Start (all channels)

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

#### 12" Tabletop Style Mixer

#### 2 Independent Mics w/3-band EQ

- Main Mic (Neutrik combo terminal)
- Aux Mix (TRS 1/4" terminal)

#### Mic Ducking Attenuation w/level control

#### Split / Cue Headphone Monitor w/PFL Metering

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OTHER FEATURES continued

- Master Output -10dB Attenuation Switch
- Master Output Stereo/Mono Switch
- Master Output – Balanced XLR & RCA/Unbalanced
- Record Out – RCA/Unbalanced
- Booth Output – Balanced TRS 1/4"
- Power Switch Guard on Top Panel
- Gold Plated connectors
- Detachable power cord

## SPECIFICATIONS

### GENERAL

<b>Dimensions:</b>	320 (W) x 357 (H) x 92.5 (D) mm (without feet) 12.0 (W) x 14 (H) x 6.9 (D) 3.6 inch
<b>Weight:</b>	6.2 kg, 13.5 lbs.
<b>Power supply:</b>	AC120 V ±10%, 60 Hz
<b>Power consumption:</b>	17 W

### AUDIO SECTION

#### Input Level & Impedance:

8-Line	-14 dBV (200 mV) 50k 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) 10 kΩ/kohms
Aux Mic	-60 dBV (1.0 mV) 10 kΩ/kohms

#### Output level & Impedance:

Balanced	4 dBm (1.23 V) 600Ω/ohms
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)	-14 dBV (200 mV) 1 kΩ/kohms
Subwoofer/Lighting	2 dBm (975 mV) 600Ω/ohms
Headphone	0 dBV (1.0 V) 32 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	82 dB (0 dBm, 1 kHz, EQ flat)
Phono	75dB (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)

\*Specifications are subject to change without for purpose of improvement



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