



DN-MC6000 Professional Digital Mixer & Controller

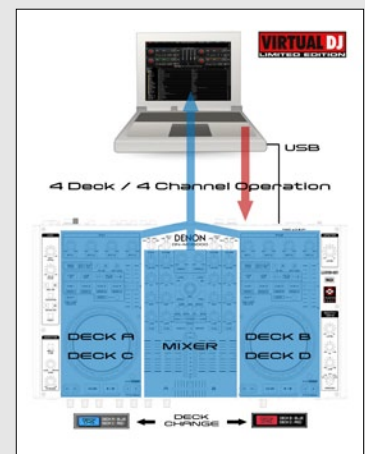
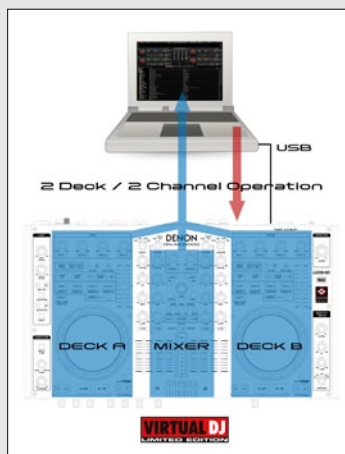
Denon DJ is excited to introduce the DN-MC6000 Mixer / 4-deck MIDI Controller; a Four-channel / eight source standalone digital DJ mixer with MIDI interFace and internal sound card. Complete with an astounding amount of Features, real-time channel matrix operation, slim table top design, state-of-the-art solid steel chassis construction and quality sound, the DN-MC6000 will quickly become a table top standard For those Professional Club and Mobile DJs, who are looking For a center piece to their software-based DJ rig.



Bundled with Virtual DJ LE in the Americas, the DN-MC6000 is MIDI-mappable, which makes it compatible with other popular DJ programs as well. This state-of-the-art controller interFaces seamlessly with Mac® OSX and Windows XP, Vista and Windows 7 operating systems and unlike other comparable products, the DN-MC6000 includes a selectable Video / Audio control cross Pader Feature – ideal For those DJs who (or plan to) integrate video into their sets. Each side of the unit can control up to two decks (For a total of Four), with visible deck color change For intuitive, straightforward operation. Also notable is the Fact that the DN-MC6000 is a real mixer, able to process audio inputs For external devices with or without a computer connection, as a dedicated mixer unit would.

ADVANCED FEATURES

- Computer Independent 4-Channel, 8 Source Premium Digital Mixer
- Intuitive 4 deck software control, with visible deck color change
- Optimized for *Traktor and *Virtual DJ users
- Midi Mappable Tabletop design for various DJ applications and portability
- Includes 19" rackmount accessory kit for Mobile DJs
- Real-time Matrix Operation, Analog Sources, USB MIDI & USB Audio
- Included USB Audio Interface (Configurable for 2-Deck or 4-Deck audio mixing)



DN-MC6000

OTHER FEATURES continued

- MAC OSX / Windows XP/Vista/Win7 Compatible
- New, 3-way Powerful Video / Audio Assignable cross-fader
- Newly designed, high resolution 105mm Touch-Sensitive Jog Wheel
- Smooth 50mm long Pitch Slider with high 14-bit resolution
- Pitch/Fader/Volume Lock function - holds the last known Audio value and position until the NULL point is reached again
- File browse navigation keys & rotary encoder file selector knob w/illuminated ring
- 8 (4 + 4) Hot Cue/Sampler buttons w/dual bank selector key
- Auto Loop Button w/ Beat Jump (Loop Cut)
- Manual Loop In/Out buttons
- Large size Cue & PLAY buttons
- Various EFX control, EFX keys & Parameter knobs
- Various GUI control, Mixer, Video, Scratch, Sampler, REC,
- Powerful Shift Key - used for various dual button operation
- Denon's legacy "Pitch Bend" keys
- Vinyl & Pitch Bend Jog modes
- SYNC key for beat matching between decks
- Key Lock on/off button with LED confirmation
- Matrix Input Assignment Selector Knob
- Selectable PFL input gain & program meters
- Independent CUE System (all channels)
- Split Cue function with Cue/Master pan knob
- High quality, high output Headphone Amp
- 45mm Channel & Cross Faders
- Independent Channel A-B Thru Switch (crossfader)
- Cross Fader contour adjustment
- Independent 3-Band Channel EQ w/Kills (High-Mid-Low)
- XLR Balanced & RCA Unbalanced Master Output
- Master Output Stereo/Mono switch
- Balanced Booth w/Source Selector, EQ & Level control
- XLR & 1/4 TRS Mic Inputs with 3-Band EQ (High-Mid-Low) for Mics 1 & 2
- Mic Ducking & Built in Echo Effect for Mic 1 & 2
- Various Utility presets to customize user settings
- Firmware upgradable over USB
- Solid Steel chassis construction with Kensington™ lock terminal



VIRTUAL DJ™ LE

Virtual DJ Features:

- Multi-deck support up to 99 independent zero-latency players
- One-click beat matching and synchronization (FAME algorithm)
- Time-Stretch and Master Tempo Pitch algorithms
- Automatic seamless and beat-aware LOOP functionality
- Synchronized sampler with 12 instant record and playback slots
- Real scratch simulation
- Automatic first beat and last beat detection
- Automatic BPM and KEY calculation



SPECIFICATIONS

Audio

Phono Inputs:	2 – Stereo Unbalanced RCA Terminal 50 kohms –40dBV (10mV)
Input impedance:	Over 87dB
Level:	2 – Stereo Unbalanced RCA Terminal 10 kohms 0 dBV
Signal to Noise Ratio:	Over 90 dB
LINE inputs:	2 – Stereo Unbalanced RCA Terminal 10 kohms 0 dBV
Input impedance:	90 dB or higher
Level:	2 – Stereo Unbalanced RCA Terminal 10 kohms 0 dBV
Signal to Noise Ratio:	3 Band
AUX Input:	HI (High Range) : –∞, –90 dB – +10 dB MID (Medium Range) : –∞, –90 dB – +10 dB LOW (Low Range) : –∞, –90 dB – +6 dB
Input impedance:	2 – Monoaural Combo jack (terminal for balanced XLR and balanced 1/4 inch TRS) (1: ground, 2: hot, 3: cold, tip: hot, ring: cold, sleeve: ground)
Level:	Balanced 1/4 inch TRS terminal 10 kohms
Signal to Noise Ratio:	–54 – –34 dBV
Equalizer (LINE):	3 Band HI (High Range) : –15 – +15 dB MID (Medium Range) : –15 – +15 dB LOW (Low Range) : –15 – +15 dB
Channel EQ Adjustment:	USB audio inputs: MASTER output: Balanced: Stereo, balanced XLR terminal (1: Ground, 2: Hot, 3: Cold) 24-bit Over 600 ohms + 4 dBu (Max + 24 dBu) When RL=10 kΩ
MIC Inputs:	THD: Less than 0.05%
MIC 1:	Crosstalk: Less than –100 dB (1 kHz)
MIC 2:	Unbalanced: Stereo RCA terminal 10 kΩ
Input impedance:	Level: 0 dBu (Max + 20dBu)
Level:	REC Output: Stereo Unbalanced RCA terminal 1 kΩ
Equalizer (MIC / AUX 1):	–10dBV (Max +10dBV)
Adjustment Range:	BOOTH/SEND Output: Stereo balanced 1/4 inch TRS terminal Over 600 Ω
MID (Medium Range) :	Level: + 4 dBu (Max + 24 dBu) When RL=10 kΩ
LOW (Low Range) :	HEADPHONE output: Stereo 40 Ω
USB audio inputs:	Level: 100 mW
MASTER output:	USB audio output 4 Stereo (8 Monoaural) 16 bit, 48 kHz USB B
Balanced:	General
DA converter:	USB MIDI I/O: IN:1ch, OUT:1ch MIDI1.0, MIDI Clock USB B
Load impedance:	CH Meter: PPM 10 Point LED-20 – + 10dB, Peak
Level:	MASTER Meter: PPM 10 Point LED-20 – + 10dB, Peak
BOOTH/SEND Output:	CH Fader: 45 mm Slim Type fader
Level:	Cross Fader: 45 mm FLEX Fader (Fader Torque Adjustable)
HEADPHONE output:	Power voltage: DC12V (the unit)
Load impedance:	AC adapter input: U.S.A. and Canada models: AC 120 V, 60 Hz
Level:	AC adapter output: DC 12V 3A
USB audio output	Power consumption: 24 W (Less than 0.45 W during standby)
General	Operating temperature: +5 °C – +35 °C
USB MIDI I/O:	Operating humidity: 25 % – 85 %
CH Meter:	Storage temperature: –20 °C – +60 °C
MASTER Meter:	Dimensions
CH Fader:	Width: 460.0 mm / 18.1”
Cross Fader:	Height: 50.0 mm / 2.0”
Power voltage:	Depth: 255.0 mm / 10.0”
AC adapter input:	Weight: 4.6 kg (10 lbs 2.26 oz)
AC adapter output:	
Power consumption:	
Operating temperature:	
Operating humidity:	
Storage temperature:	

DENON DJ USA

1100 Maplewood Drive
Itasca, Illinois 60143
T: 630.741.0330
F: 630.741.0652
www.denondj.com

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