

MC6000MK2



MC6000MK2 - Professional Digital Mixer and Controller

The MC6000MK2 is Denon DJ's next generation, flagship professional DJ controller and digital mixer. Created to be the definitive tool for contemporary club and mobile DJ's, the slimline, table-top steel chassis unit combines a 4 channel/8 source real-time matrix operational digital mixer with a 24-bit, class-leading digital and analog audio interface. This Mark 2 incarnation operates out of the box with the bundled Serato DJ Intro (upgradable to Serato DJ) and is fully MIDI compliant to work with other software solutions via supplied or created mappings.

The MC6000MK2 enables dual-deck functionality, opening up the creative possibilities of 4 deck mixing, with the unit's top panel featuring all important transport, pitch, EQ, loop, hot-cue/sample, navigation and FX controls - ergonomically positioned to ensure optimal, error free live performance. DJ's can now also take advantage of the world renowned video mixing features of the optional Serato Video plug-in, allowing them to programme, mix, add transition FX and scratch video just as they would with audio.

Operated as a fully functional DJ software controller or as a stand-alone digital mixer, the MC6000MK2 accommodates a multitude of connectivity options to suit a DJ's preferred workflow. Table top CD and Vinyl decks, plus auxiliary input sources can easily be integrated, with USB audio input routing adding even more flexibility.

The logical, illuminated control interface gives DJ's the confidence that all faders, dials and buttons are exactly where they need to be - freeing them to be totally focused on their creative performance. The unit's top panel ensures maximum ease and efficiency when controlling Serato Intro, allowing access of such 'on-trend' DJ performance modes as 'Roll', 'Sensor' and 'Slip'. Instant screen view preferences like Serato's 'Panel', 'View', 'Area' and 'List' can also be selected with individual buttons and in addition, with the MK2 unit's, now four, independent deck layer keys, fast accurate deck/track selection is guaranteed.

For recording and playback, the MC6000MK2 features a Line 3/4 Thru to PC Mode, for connection to both Mac and PC hardware. Additional control features are added to this new and improved unit, bringing Beats Parameter knob (dedicated for controlling beat attributes), FX Tap Button (to add BPM data), FX Mode Change and now 8 Assign keys for fluid and comprehensive effects control.

The MC6000MK2 also offers dual balanced mic inputs (with independent echo FX and EQ). Uncompromising professional balanced and non-balanced audio outs ensure source sound quality is world class, whether the DJ is playing a live radio gig, small house-party or a large festival stage. Being a 100%, fully MIDI compliant controller, the MC6000MK2 is unlimited in its ability to partner alternative DJ software solutions, natively supported by Serato DJ (full version)*, Virtual DJ* and Mixvibes Cross*. Denon DJ supplied mappings ensure compatibility with Native Instruments Traktor software.

* Release timing of compatible third party software to be confirmed.



Features

- 4 channel/8 source real-time matrix mixer
- Comprehensive I/O to easily connect to other audio sources
- Stunning 24-bit high resolution audio engine
- Dual-deck functionality for 4 deck mixing
- Natively supported by Serato DJ (full version)*, Virtual DJ* and Mixvibes Cross*
- Denon DJ mappings for Native Instruments Traktor software.
- High resolution 105mm Touch-Sensitive Jog Wheel
- Smooth 100mm long Pitch Slider with 14-bit resolution
- Powerful, intuitive control layout for all functions
- 8 Assign keys for fluid and comprehensive effects control
- Includes Serato DJ Intro Software
- Dual balanced mic inputs with independent FX and EQ
- MIDI compliant for compatibility with wide range of DJ software
- Line 3/4 Thru to PC mode for set playback/recording
- High quality steel chassis and professional components

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Specifications

AUDIO

(0 dBu=0.775 Vrms, 0 dBV =1 Vrms)

PHONO Inputs

2 Stereo - Unbalanced RCA terminal
 Input impedance: 50 kΩ/kohms
 Level: -40 dBV(10 mV)
 Signal to Noise ratio: Over 82 db

LINE 1, 2 Inputs

2 Stereo - Unbalanced RCA terminal
 Input impedance: 10 kΩ/kohms
 Level: 0 dBV
 Signal to Noise ratio: Over 84 db

LINE 3, 4 Inputs

2 Stereo - Unbalanced RCA terminal
 Input impedance: 10 kΩ/kohms
 Level: 0 dBV
 Signal to Noise ratio: 82 dB or later
Equalizer (CH)
 Channel EQ Adjustment Range:
 HI (High Range) : -∞, -90 dB – +10 dB
 MID (Medium Range) : -∞, -90 dB – +10 dB
 LOW (Low Range) : -∞, -90 dB – +6 dB

MIC Inputs

MIC 1:
 Combo jack
 (terminal for balanced XLR and balanced 1/4 inch TRS)
 (1: ground, 2: hot, 3: cold, chip: hot, ring: cold, sleeve: ground)
 Balanced 1/4 inch TRS terminal

MIC 2:

Input impedance: 5 kΩ/kohms
 Level: -60 dBu – -16 dBu
Equalizer (MIC)
 Adjustment Range:
 HI (High Range) : -15 – +15 dB
 MID (Medium Range) : -15 – +15 dB
 LOW (Low Range) : -15 – +15dB

USB Audio Inputs

2 Stereo (4 Monaural) 16 bit, Fs: 44.1 kHz USB B

MASTER Output

Balanced: Stereo, balanced XLR terminal (1: Ground, 2: Hot, 3: Cold)

DA converter:

24 bit
 Load impedance: Over 600 Ω/ohms
 Level: + 4 dBu (Max + 24 dBu)
 When RL=100 kΩ/kohms

Frequency response:

20 Hz – 20 kHz (±1 dB)
 THD: Less than 0.05%

Crosstalk:

Less than -90 dB (1 kHz)

Unbalanced:

Stereo RCA terminal
 Load impedance: 100 kΩ/kohms
 Level: 0 dBu (Max + 20dBu)

BOOTH Output

Stereo balanced 1/4 inch TRS terminal

Load impedance: Over 600 Ω/ohms

Level: + 4 dBu (Max + 24 dBu)

When RL=100 kΩ/kohms

Stereo

Load impedance: 40 Ω/ohms

Level: 100 mW

USB Audio Output
 2 Stereo (4 Monaural) 16 bit, 44.1 kHz USB B

GENERAL

USB MIDI I/O:

IN: 1ch, OUT: 1ch MIDI 1.0,
 MIDI Clock USB B

CH/MASTER Meter:

PPM 7 Point LED -20 – +10 dB, Peak

CH Fader:

45 mm Slim Type Fader

Cross Fader:

45 mm Fader

Power voltage:

DC12V (the unit)

AC adapter input:

- U.S.A. and Canada models: AC 120 V, 60 Hz

- European,U.K. and Asia/

Pacific models: AC 230 V, 50 Hz

AC adapter output:

DC 12V 3A

Power consumption:

24 W

Operating temperature:

+5 °C – +35 °C

Operating humidity:

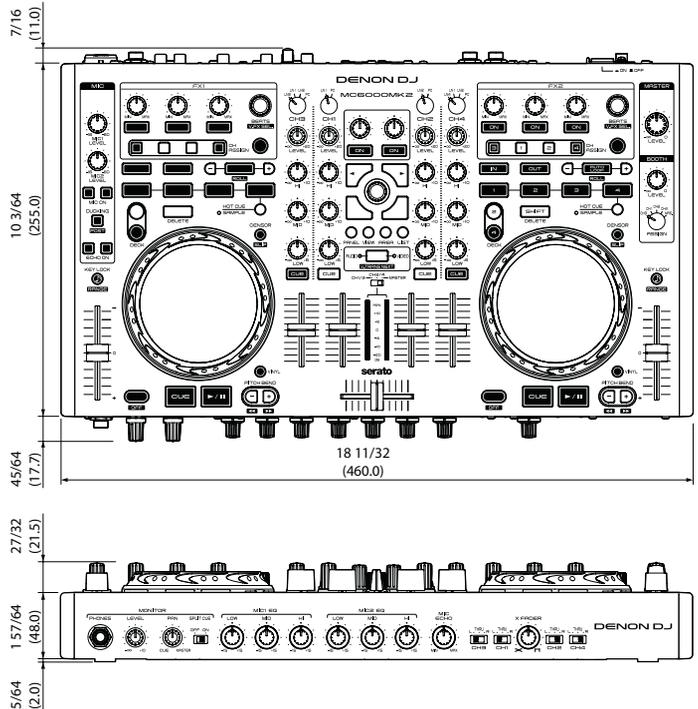
25 % – 85 %

Storage temperature:

-20 °C – 60 °C

DIMENSIONS

Unit : in. (mm)



Weight : 9 lbs 8 oz (4.3 kg)