USE IT. LIVE IT.

DN-D4500MK2:

Dual CD / MP3 and USB Player

[CD] [USB]

Features

- Audio playback from USB memory devices (AAC, AIFF, MP3, WAV)
- MP3 CD File Search System
- CD Text / ID3 Tag Support
- CD-R/RW Disc Playback
- 2 Hot Starts/Stutter per drive
- 2 Seamless Loops per drive w/B Point Trim
- Power on Playback
- Pitch Control:
  - CD: ±4 / 10 / 16 / 24 / 50 / 100.0%
  - MP3: ±4 / 10 / 16%
- Platter Hold (Jog Bend): ±99% max
- Key Adjust
- Shock Proof Memory (Audio CD: 20 sec., MP3: 100 sec.)
- Instant Start

As a DJ, your desire to be creative and rock a crowd with your music doesn't stop when you're using different media formats. Whether you're playing MP3s up to a high quality 320kbps, standard audio CD's, or files from a USB drive, the DN-D4500MK2 offers you two Seamless loops with live B-Trim editing for mixing perfection, two Hot starts for instantly starting from your predetermined point on a track, Cue stutter, Selectable pitch ranges from 4% to 100%, an adjustable Brake effect, and a superb Key Adjust feature, which keeps vocals and music sounding true even when you adjust the speed of the track.

Is there any need for an update in CD based technology? The beauty of the DN-D4500 originally was its ability to give you flexibility in media sources, ease of use, and a robust build quality that would last the rigour of taking gear on the road from club, to party, to wedding. The DN-D4500 became a celebrated product for mobile DJs who rely on a sturdy robust tool to do their job – wherever that may be! So what was there to improve?

Feedback over the last few years was always the same – add USB integration because everything else about the original DN-D4500 was already perfect. So the DN-D4500MK2 has taken the very best of what Denon, and now Denon DJ, has become known for – providing the very best DJ solutions (that last!) and made them better. even further than possible with a vinyl 'record'.

The MK2 features two USB slots for connection to USB storage devices containing digital music files. The first is located on the front of the unit (above) for ease of access and suited for USB sticks and the second is on the rear of the controller unit (left) which is best suited for larger USB drives that can then be mounted in a flight case with the product (not included).

The DN-D4500MK2 has taken the very best of what Denon DJ has offerd the Mobile DJ market over the last decade and brought it completely up to date without losing any of the key original attributes. As a Mobile DJ you can still play from your thousands of CDs, control your mixes as intuitively as ever, and take the step forward into digital storage, all in one device that still lasts the demands of DJing night after night.

DENON DJ

Advanced Features

Memo Points
With 1000 memo points on-board, the DN-D4500MK2 can store all your settings on any track and recall them automatically when that track is cued in either CD drive.

MP3 File Search System
MP3 File Search System allows you to locate in seconds hundreds of MP3 tracks on a CD-R/RW by artist name, song title or folder. In addition, ID3 tags and CD Text are supported on a large, easy-to-read dot matrix fluorescent tube display.

Cueing Accuracy and BPM Counter
Precision cueing to frame accuracy (1/75 of a sec.) can be set quickly and easily using the 50mm jog wheel with the outer shuttle ring for user-adjustable quick jumps while searching. The inner jog wheel controls pitch bend, which is essential for synchronising tracks for beat mixing – a DJ skill aided by the built-in automatic BPM counters.

Presets and Jump Times
The DN-D4500 provides customisable presets that are stored in the unit's non-volatile memory. For example, you can set Quick Search Jump Time to 30 seconds each way instead of 10 seconds; have the Key Adjust feature automatically on at power up; and have "remaining time" shown for each track instead of "elapsed".
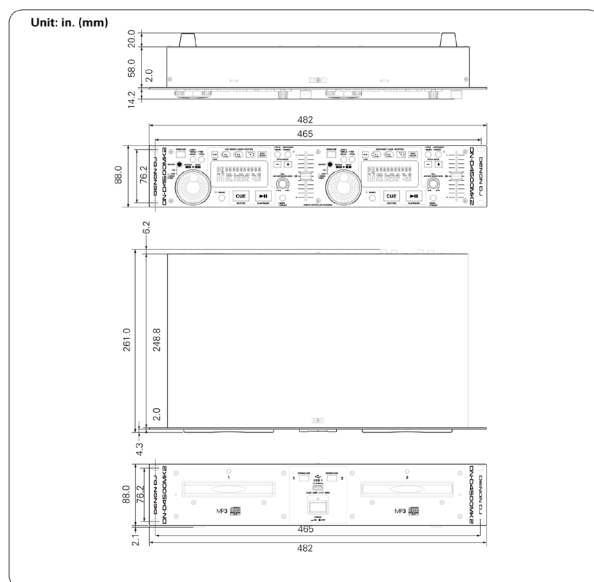
Relay Play with Adjustable Overlap
Background music no longer has to have silence between tracks. The unit can go straight into Play mode when it is powered up. Music can also be played alternately from two discs using Relay play, which will start the next track several seconds before the previous track finishes.

Two Piece Rack Mount Design
The separate control panel and player unit are both rack mountable with a 10-foot connecting cable. This is ideal for safe transportation, quick set-ups for the mobile DJ and installation in compact DJ booths. With up to 100 seconds of anti-shock memory for MP3 and 20 seconds for audio CD's, your groove will not be interrupted by either sound or motion vibrations.

User-upgradeable/Reliability
The DN-D4500MK2 provides user-upgradeable software enhancements that are simple to add, reliable and easy-to-operate.

Audio

Main out, Monitor out	
Quantization:	24-bit (internal DSP Process)
Sampling frequency:	44.1 kHz (at normal pitch)
Oversampling rate::	8 times
Total harmonic distortion:	0.01% or less
Signal to noise ratio:	90 dB or more
Channel separation:	85 dB or more
Frequency response:	20 – 20 kHz
Analog output level:	2.0 Vrms
Load impedance:	10 kΩ/kohms or more
Digital output signal format:	IEC958-Type2
Digital output level:	0.5 Vp-p 75Ω/ohms

Functions

Instant start:	Within 20 msec.
Variable pitch:	±4% (0.1% pitch) ±10% (0.1% pitch) ±16% (0.1% pitch) ±24% (1.0% pitch) ±50% (1.0% pitch) ±100 % (1.0% pitch)
Pitch bend:	Pitch range ±4 % ~ ±24 % : ±32% Pitch range ±50%, ±100% : –99 %
Search precision:	1/75 sec. (1 subcode frame)
Max. scan speed:	Over 20 times

General

Type:	Compact disc player
Disc type:	Standard compact disc (12 cm disc) CD-Text CD-R, CD-RW discs
Note:	Finalized CD-R or CD-RW discs can be played back in this unit. However, according to recording quality, some CD-R/RW discs cannot be played.
Dimensions	
Player unit:	482w x 88h x 252d mm (w/o feet) 18-31/32"w x 3-15/32"h x 9-59/64"d
Remote control unit:	482w x 88h x 62d mm (w/o feet) 18-31/32"w x 3-15/32"h x 2-7/16"d
Power Supply	
U.S.A., Canada and Taiwan R.O.C models:	AC 120V +10%, 60 Hz
European models:	AC 230V +10%, 50 Hz
Power consumption:	25 W
Operational temperature:	+5°C – +35°C (41°F to 95°F)
Operational humidity:	25% – 85%
Storage temperature:	–20°C – +60°C (-4°F to 140°F)

For the purpose of improvement, the specifications and design are subject to change without notice.