DENON DJ

Professional Dual CD/MP3 Player

DN-D4500



As a DJ, your desire to be creative and rock a crowd with your music doesn't stop when you're using different disc formats. The innovative features on the Denon DN-D4500, the successor to the award winning DN-D4000 don't stop either.

Whether you're playing MP3s up to a high quality 320kbps or standard audio CD's, the DN-D4500 offers you two Seamless loops with live B-Trim editing for mixing perfection, two Hot starts for instantly starting from your pre-determined 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.

Advanced features

- **Memo Points**
  With 1000 memo points on-board, the DN-D4500 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-D4500 provides user-upgradeable software enhancements that are simple to add, reliable and easy-to-operate.

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Other Features

- **Key Adjust** (=Master Tempo):(CD or MP3)
- **Auto BPM Counter (CD or MP3)**
- **Cue Stutter** (CD or *MP3)
- **MP3 Playback support:**
  - MP3 Seamless Looping w/B Point Trim*
  - MP3 Hot Starts*
  - MP3 Frame Search*
  - Supports C.B.R & V.B.R. decoding up to 320 kbps
  - ID3 Tags, displays: (Title, Artist, Album)
  - MP3 File Search System (locate files by name or Folder)
- **CD Memo function:** Cue point, Playback Pitch and Range, Pitch ON/OFF, Key Adj ON/OFF, and Seamless Loop A and B data can be stored for later recall. Up to 1,000 points can be saved or recalled from either drive.
- **Brake Effect** is now time adjustable via the preset mode
- **Two Seamless Loops** are available (CD or *MP3)
- **Two Hot Starts** (A1 and A2) can be made on-the-fly and used as a stutter point as well. (CD or *MP3)
- **Loop End point B Trim** The B point for the seamless loop can be easily adjusted on-the-fly (CD or MP3)
- **CD TEXT** support (with scrolling display for long names)
- **Power On Play** Unattended playback is possible upon power up. Each drive can be used independently for a two zone application
- **Relay Play** Unattended playback is possible between both drives with user-adjustable crossfade time.
- **50mm Jog/Shuttle Ring** with Pitch Bend and Scan and Frame Search
- **Pitch Control**
  CD: ±4%, ±10%, ±16% (0.1% step),
  ±24%, ±50%, ±100% (1.0% step)
  MP3: ±4%, ±10%, ±16% (0.1% step)
- **2-way Pitch Bend** (Jog or buttons)
  ±32% (when variable pitch range is ±4, 10, 16 or 24%)
  ±99% (when variable pitch range is ±50,100%)
- **EOM:** Flashes status time bar when the track is about to end.
- **Shock-Proof Memory:** 20 sec. (CD), 100sec. (MP3)
- **Large Fluorescent Tube Display** with dot matrix text support
- **Quick Jump*:** Jump around within a track with precise user-adjustable increment time steps.
- **Instant Start** (0.02sec)
- **CD-R/RW Disc Compatible**
- **Fader Start Control terminal** (compatible with all Denon DJ mixers)
- **Digital Outputs:** Constant Digital Output at 44.1 kHz is present when using all functions.
- **Software Upgradeable** by CD-ROM disc

* = V.B.R. is not supported.

Design and specifications are subject to change without notice.

Specifications

Type Dual	CD/MP3 Player
Audio Channels	2 channels (Stereo)
Sampling Frequency	44.1 kHz (Normal Pitch)
Frequency Response	20 Hz - 20 kHz
Analog Outputs	(1 kHz, 0 dB playback)
Total Harmonic Distortion	0.01%
S/N Ratio	90 dB
Channel Separation	85 dB
Transfer and Connector	Unbalanced, RCA connector
Output Level	2.0 Vrms, 10 kohm
Digital Output	
Transfer and Connector	Coaxial
Signal Format	SPDIF IEC958, Type II
Power Supply	AC120 V, 60 Hz
Power Consumption	23 W
Dimensions	
Player Unit	482 (W) x 88 (H) x 252 (D) mm
19.0 (W) x 3.5 (H) x 9.9 (D) inch	
Remote control unit (RC-D60)	482(W) x 132 (H) x 60 (D) mm
19.0 (W) x 5.2 (H) x 2.4 (D) inch	
Weight	
Player Unit	6.2 kg, 13.7 lbs
Remote control unit	1.9 kg, 4.2 lbs
Standard Accessories	
Pin connected cord	2 pair
Remote connecting cable	1 pc (3 m, 9.84 ft)
CUSTOMISABLE PRESET FUNCTIONS:	
Auto Cue	On*/Off
Brake Time	Step 1/2/3/4
Auto Close	Off/10/*30/60 sec
Jump Time	10*/20/30/60 sec
Pitch Range	±4/ ±10*/±16/±24
EOM	Off/10*/15/20/30/60/90 sec.
Fader	Play/Cue*/Play/Pause
Power On Play	On/Off*
Pitch	Pitch On*/Key adj On/Pitch Off
Play Mode	Single/Continuous /Single Play Lock*
Time Mode	Elapsed*/Remain
BPM Display	*On/Off
Relay Mode	Relay On/Relay Off*
Relay Time	*0/1/2/3 sec
Memo Clear	Yes/No*
Version Number	SYS xxxx
Preset Initialize	Yes/No*

* = Default



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