



# DENON DJ



## Professional Direct Drive CD/MP3 Player

# DN-S3500

Denon DJ takes its innovative world's first spinning active platter design to the next technical level. Introducing the industry's new flagship DN-S3500 tabletop CD/MP3 player with a powerful 12-pole Direct Drive motor, 7 on-board effects, intuitive control, appealing design and style that will surely reinvent the tabletop market for all vinyl and digital DJs alike.



## Advanced Features

- High Torque Direct Drive Motor**  
 Denon's all new proprietary 12-pole Direct Drive brushless motor design, delivering instant full rotation speed with a powerful 2.5 kg/cm of start-up torque within 0.5 seconds for true turntable reaction and response. Perform freely as if you were using a genuine vinyl turntable.
- 4 Superb Built-in Effects**  
 Building the mood of your dance floor and remixing live has never been so easy with our on-board effects. Easily activate and have full parameter control with a unique Dry/Wet mix knob of the 4 effects: Flanger, Filter (High-Mid-Low), Echo and world's first Echo/Loop.
- 3 Platter Effects**
  - Brake: adjustable in real-time
  - Dump: reverse sound without losing true forward time
  - Reverse: the platter spins backwards too! **New!**
- Full MP3 Support:**
  - MP3 Seamless Looping w/B Point Trim
  - MP3 Hot Starts
  - MP3 Frame Search
  - MP3 Memo (save your Cue points and Loops) **New!**
  - Supports C.B.R & V.B.R. decoding up to 320 kbps
- ID3 Tags, Displays: (Title, Artist, Album)
  - ID3 BPM Tag (automatically recalls the BPM)
  - MP3 File Search System (easily locate files by name or folder)
- Next Track Function with Cross Fade**  
 Storing hundreds of your favorite MP3's on one disc is now possible. But what if you want to play other files from the same disc back to back? Well, we answered your needs with our world's first Next Track Reserve function. You can search for a song by name (without interrupting playback) and crossfade seamlessly to that file for a smooth non-stop mix upon your command.
  - The crossfade time is user adjustable.
  - Available for CD audio discs as well.
- Seamless Loop to Sampler Copy**  
 You can now easily copy your perfect CD/MP3 Seamless Loop over to the Sampler, even while it's playing! This adds a whole new level of creativity such as, exchanging your disc during sample playback, perform CD scratch overlays with the sampler, and many more cool tricks.
- Two-Way CUE Search System**  
 Supports traditional Denon Cueing method and now another tabletop brand too!



*continued on next page*

## Other Features

- **33/45 R.P.M. Platter Speed**
- **Deep Pitch Resolution** For those DJs who perform long mix transitions and require high pitch resolution, the DN-S3500 offers .02% for the 4% pitch range and .05% for the 10% pitch range.
- **Hot Start and Seamless Loop** Two Hot Starts (A1 and A2) can be made on the fly and easily turned into Seamless Loops. The length of the loop is unlimited for CD audio discs. The Hot Starts can also be used as Stutter points as well.
- **Adjustable Loop End Point B Trim**
- **CD TEXT Support**
- **Key Adjust = Master Tempo** The Key Adjust feature keeps vocals and music sounding true even when you adjust the speed of the track.
- **15 Second On-Board Sampler** Sample any part of your CD/MP3 tracks on the fly and perform scratch overlays or even simple playback with full platter control and these other features:  $\pm 24\%$  Pitch Control, B-Trim, Sampler Volume, 4-Way playback (Loop/Single/All/Stutter).
- **Quick Loading Slot-In Drive**
- **2-Way Platter Mode** You can either scratch the CD source or the stored Sample by a touch of a button with the active spinning platter.
- **Directional Scratch Lever** This original Denon feature allows DJs to scratch in two ways. The traditional forward/back scrub sound and the ingenious Forward stroke sound to perform the same cuts as if you were using a mixer's crossfader.
- **3-Way BPM Counter** AUTO BPM, Manual TAP and ManualBPM value is also possible.
- **CD Memo Function** Cue point, BPM-New!, Playback Pitch & Range, Pitch ON/OFF, Key Adj ON/OFF, and Seamless Loop A and B data can be stored for later recall. Up to 5,000 points can be saved to internal memory and shared with other Denon players.
- **Power On Play**
- **Relay Play** Unattended playback is possible between two DN-S3500s when connected together. Great for the cocktail hour or during dinner time at banquet halls.
- **Play Lock** Prevents unintentional track change during playback.
- **Eject Lock** Prevents unintentional disc eject during playback
- **Custom Slipmats** The use of customizable paper slipmats is possible under the removable clear scratch disc to personalize the platter with your own unique design.
- **"7 Record Adapter** Looking for a true wax feel under you fingers? An included special Adapter allows users to mount their own 7" vinyl record to the platter.
- **Pitch Control Range**  
**CD:**  $\pm 4\%$  (0.02% step),  $\pm 10\%$  (0.05% step),  $\pm 16\%$ ,  $\pm 24\%$  (0.1% step),  $\pm 50\%$  (0.5% step),  $\pm 100\%$  (1.0% step)  
**MP3:**  $\pm 4\%$  (0.02% step),  $\pm 10\%$  (0.05% step),  $\pm 16\%$ , (0.1% step).
- **Shock-Proof Memory** 20 sec. (CD), 100 sec. (MP3).
- **100 mm Long Stroke Pitch Slider**

## Specifications

Type	Single CD/MP3 Player
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	Coaxial
Transfer and Connector	SPDIF IEC958, Type II
Signal Format	
Power Supply	AC120 V, 60 Hz
Power Consumption	19 W
Dimensions	
Player Unit	11.8 (W) x 4.8 (H) x 13.0 (D) inch 300 (W) x 124 (H) x 334 (D) mm
Weight	
Player Unit	13.7 lbs, 6.2 kg
CUSTOMIZABLE	
PRESET FUNCTIONS:	
Cue Mode	Denon*/Other
Auto Cue	On*/Off
Next Track Time	Off/1/2*/3 sec.
Platter Speed	33*/45 RPM
3/4 Effect	Off*/On
Jump Time	10*/20/30/60 sec.
Pitch Range	$\pm 4/ \pm 10^*/\pm 16/\pm 24$
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/Time Elapsed/Time Remain
Memo All Clear	Yes/ No*
Version Number	SYS xxxx
Preset Initialized	Yes/No*
	* = Default

- **3-way Pitch Bend** Scratch Disc, Bend Buttons, or platter finger-pressure.
- **Large Fluorescent Tube Display**
- **Quick Jump** Jump in increments of 10/20/30/60 sec.
- **Instant Start** (0.02 sec.)
- **Cue Stutter (CD or MP3)** The Cue point can be stuttered repeatedly once set.
- **EOM** Flashes status time bar when the track is about to end.
- **CD-R/RW Disc Compatible**
- **Fader Start Control Terminal**
- **Digital Output**
- **Software Upgradeable** by CD-ROM disc.

Most advanced functions for MP3 V.B.R. files are not supported. Design and specifications are subject to change without notice.

