DN-S3700
Digital Media Turntable

ADVANCED FEATURES

High Torque Direct Drive Motor & Spinning Platter Design
Denon's proprietary 12-pole Direct Drive brushless motor design is keeping the art of the 110-year old turntable alive & true to its native feel, 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. DJs can perform freely on this 9" platter design mounted with a real vinyl record as if they were using a genuine analog turntable. Platter rotation can be changed from 33 to 45 R.P.M. for comfort.

Fast Loading Slot-In Drive
The illuminated, fast loading – quick reading Slot-In drive reads and supports standard Compact Audio discs and MP3 discs in a variety of formats:
CD, CD-R, CD-RW, CD-ROM.
Compact Disc CD-TEXT and MP3 ID3 Tags on CD-ROM are also displayed.

USB Device Hosting
With easy access to the internet these days, many DJs are shopping from home, purchasing their music collection online and storing these files on to a Hard Drive. The DN-S3700 is well equipped for the modern DJ and conveniently supports external USB mass storage class devices. Connect your, iPod®, thumb Drive, and large Hard Drives for easy access to your small or extensive mp3/wav libraries up to 50,000 files. Simply plug any one of these devices into the DN-S3700 to obtain the powerful on-board features such as, Instant Start, Auto Looping, Hot Starts, Effects, 8-ways to File Search and so much more...
*USB Hubs are not supported. *Mass Storage Class iPods only*

MIDI Interface Controller (PC/MAC)
The DN-S3700 is also designed to interface & control a variety of popular Audio/Video DJ software applications that supports USB MIDI interface, either by user custom mapping or direct native support by the software vendor. Control your favorite DJ software all from one clever compact player.
Supported Platforms: Mac OSX 10.4 or Higher, Windows XP SP2, Windows Vista
Visit our DJ Software Resource site for support information: http://denondj.com/djsoftware

Internal 24-Bit Processing & USB Audio-(sound card)
Unlike most dedicated DJ midi controllers that are only USB bus powered, the DN-S3700 encompasses its own internal power supply to achieve the highest electrical specifications, resulting in best possible audio performance. The DN-S3700 features industry leading Burr Brown (a product of TI) 24 bit DAC processing for superior output audio fidelity. USB Audio interface includes 2-Channel Stereo output pair, 44.1kHz sampling range and low latency ASIO / OSX Core Audio support.
ASIO Driver included on installation CD-ROM

5 Superb Built-in DSP Effects
Building the mood, adding energy and remixing live for your thumping dance floor has never been so easy with our crystal clear on-board DSP effects. Easily activate and have full parameter adjustments with a unique Dry/Wet mix control of the BPM sync'd effects: Flanger, Filter-(High-Mid-Low), Echo, and our exclusive Echo Loop.

Waveform Display w/ Multi-line Text & Icon Support
Another unique quality of the DN-S3700 is its informative & animated FL tube display mounted elegantly at a proper angle for best visualization. The "Waveform" function is a representation of the audio signal pattern, which indicates various energy peaks within the music file. Additionally, a world's first "Break-point" area can be pre-determined and viewed on the S3700 display. Both the waveform and breakpoint data can be set when using external USB devices by using our included Denon DJ Music Manager PC application. A visual 32-position Marker Point indicator follows your hand movements at lighting speeds without drift. Other indicators include Looping, Hot Starts, BPM info, Elapsed/Remain Time, MP3/WAV file types, and other useable indicators.
Only FAT, FAT16, FAT32 file formatted USB devices are supported by the player.

www.denondj.com

DN-S3700

OTHER FEATURES continued

Hot Starts / Auto Loop / Manual Loop

Hot Starts
Up to 3 Hot Starts can be made on the fly during the Hot Start mode. Each Hot Start can be easily replaced with new Hot Start points by using the individual clear buttons found right above the Hot Start keys. This allows for creative remixing with the least amount of steps. Hot Start MEMO data can be stored to internal memory for CD's or directly to the file when using external USB devices.
Visual icons are used for each Hot Start point within the display area.

Auto Loop
The Auto Loop function is a BPM assisted looping system, which allows the DJ to create up to 3 independent seamless loops instantly with the option to EXIT the loop or clear the loop at any point. Each auto loop can be cut or doubled in length on the fly by turning the Effects/Loop Cut knob to the beat range listed below:
⅛ ◄► ¼ ◄► ½ ◄► 1 ◄► 2 ◄► 4 ◄► 8 ◄► 16 ◄► 32 ◄► 64
Visual icons are used for each Auto Loop point within the display area.

Additionally, the Auto Loop can be trimmed on the fly by frame accurate resolution using the ± Loop Trim buttons. The Denon DJ Music Manager application includes a very accurate BPM engine which calculates and writes the BPM directly to the file on external USB devices. This allows the DN-S3700 to load perfectly locked BPM values leading to super accurate Auto Beat Loops.
BPM's can also be saved for audio CD's and MP3 CD-ROM's from the DN-S3700 using the MEMO function

Manual Loop
Besides the Auto Loop function, you are still able to create your own manual loops on the other side of the player by setting the "A"(in) and "B"(out) points freely, with the option to EXIT and Reloop. To smooth out your loop, the A or B point can be easily adjusted on-the-fly to perfection. The "A" point can also be used alone as a Hot Start or Stutter point.

3 Platter Effects
- Brake (adjustable in real-time)
- Dump (reverse sound without losing true forward time, like a radio edit)
- Reverse (plays your music backwards and platter spins backwards too)

Deep Pitch Resolution & Key Adjust
For those DJ's who perform long mix transitions and require high pitch resolution, the S3700 offers .02% for the ±6% pitch range, .05% for the ±10/16% pitch range and wide ±100% range is also available for audio CDs. The Key Adjust feature keeps vocals and music sounding true even when you adjust the speed of the track
Features 100mm long stroke pitch slider for smooth mixing

Memo function
Hot Starts, Auto Loops, Seamless Loop, Cue point, BPM, Pitch Setting & Range, Pitch ON/OFF, and Key Adj ON/OFF data can be stored to internal memory for CD's/CD-ROM media or directly to the file when using external USB devices.

Playlist
The powerful Playlist function allows you to search and select 3 different types of Playlist categories when using external USB devices. Top 40, Favorite, & your own custom Playlist can be created by using the included Denon DJ Music Manager PC application

Two Way CUE Search System
Supports traditional Denon Cueing method and another popular style as well.

Next File Function w/Cross Fade
You can search for your next file by 9 different criteria's (without interrupting playback) and crossfade seamlessly to that file for a smooth non-stop segue upon your command.
Cross fade time is user adjustable

Strobe Indicator
You can check the relative change in tempo when the red strobe light reflects on the three rows of strobe dots on the peripheral edge of the platter when rotating.
0% pitch = center dots, ±3.5% = upper/lower dots

Platter Mode Functions
- Classic Vinyl (spinning)
- Pitch Bend
- Frame Search

4-Way BPM Counter
- Auto Beat Detection
- Manual TAP
- Manual BPM Input
- Reads MP3/WAV BPM Metadata (if available)

Directional Scratch Lever
This original Denon feature allows the DJs to manipulate the platter's motion of output sound in two ways, the traditional vinyl cueing sound, called "BOTH" and the ingenious Forward stroke sound to perform the same cuts as if you were using a mixer's crossfader.

3-way Pitch Bend
Platter Bend mode, Bend buttons or by the traditional old-school way of applying finger pressure along side the spinning platter or by squeezing the center nipple.

Fast Search / Quick Jump
We made searching fast & easy. You can move around quickly within a track/file by pushing the standard << >> keys or by precise user adjustable increment time steps using Quick Jump.

Memo Import/Export
You can now easily import/export your CD Memo data from one player to another by using a USB thumb drive. Extremely handy for those who travel abroad without their S3700's, but wish to take all their saved work along, Loops, Hot Start and Cues.

D-Link
Two DN-S3700 players can be linked together by a RJ45 (CAT5, 5e) cross-cover cable for D-LINK operation. This EASY operation enables the DJ to share CD MEMO's between both decks, Relay Play operation and the convenience of using a single PS/2 keyboard for quick file navigation when using external USB devices.

Instant Start (0.02 sec.)

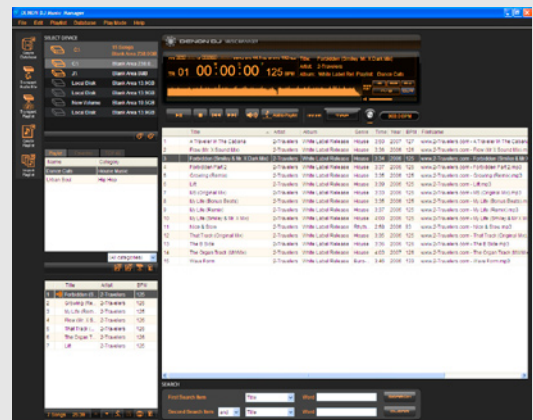#### Fader Start (compatible with all Denon Mixers)

Digital Output

Firmware Upgradeable by USB
From time to time we will make subtle improvements to current features or add new compelling ones based on valuable user feedback. These new Plug Ins are always free and made available via our www.denondj.com website.

Dimensions:	12.6 (w) 4.8 (h) 14.0 (d) inches
Carton Weight:	20 lbs.

Denon DJ Music Manager Computer Software

Features
- Builds database, Edit & Delete files from various drives
- Create, Edit & Import Playlists (.xml / .m3u)
- Edit ID3 Tag information (.mp3 / .wav)
- Creates Auto BPM calculation, Waveform data and Break Points, which are saved directly to the file and viewed on the DN-S3700'S display
- Built-In Audio Player to preview Database files from any location
- Prints Playlists for clients
Denon DJ Music Manager application is included on the installation CD-ROM

Detailed Audio Specifications can be found in the owner's manual
Specifications subject to change without notice

DENON DJ

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