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DN-D4000 Plug In Procedure

Please read these instructions several times before performing the actual procedure.

Step 1: CD-R/RW Creation

1. You should have already downloaded files to a folder of your choice at this point.
Example: (C:\D4000 or Desktop)
2. Launch your disc burning software. (Roxio, Nero..etc)
3. Within your software options, select to make a **DATA disc**. (*Not Audio!*)
4. Go to the properties of your burner software and find the **ISO9660** format setting. Refer to our "Software Burning Guide" on page 6 & 7 or contact your software provider *if* you cannot find it.
(*You must find and select ISO9660 or the procedure will fail*)
5. Go to the properties of your burner software and find the **MODE/LEVEL** setting. In most cases, they are referred to as, **MODE 1/LEVEL1 CD-ROM**. Refer to our "Software Burning Guide" on page 6 & 7 or contact your software provider *if* you cannot find it.
(*You must find and select MODE 1/LEVEL1 CD-ROM or the procedure will fail*)



Note: If you are using Windows XP "drag and drop" to burn your disc, the procedure will fail. Windows XP does not give you the option to select, **ISO9960** or **MODE/LEVEL 1**.
*You must use third party software such as, Roxio/Easy Creator, Nero...etc.

6. Locate the **.bin** file (V4K_6832.bin) from where you initially saved it on your PC.
7. Drag and drop the (1) **.bin** file into your burners software project window.



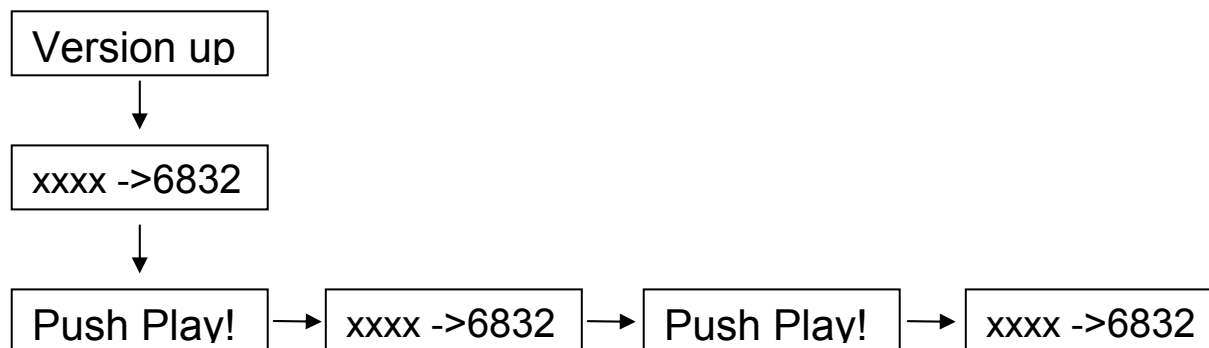
The **.bin** file (listed above) should be the **ONLY** selected file to be recorded.
Please verify before continuing to # 8.

8. Finalize the CD-R/RW at the slowest possible recording speed.
(*You must finalize/close the disc or the procedure will fail*)
If you're not sure of what you are doing, please use a CD-RW disc so you can erase it and start over.
9. Take the finalized disc over to the DN-D4000 and go to Step 2.



Step 2: Uploading the System Software

1. Turn the power **ON** for the DN-D4000 and remove all discs
2. Take the *DATA* disc you've just made, load it into **drive 1** and close the drawer.
3. Once the disc has been identified, the following will be displayed:



Note:

*If you see "**disc error**" in the display, chances are the *DATA* disc was not burned properly as described in Step 1. *See pages 4 & 5 for additional help.

4. Push the **PLAY** button on **drive 1**
**The display will proceed to count upward and the green tray LED will start to flash*
**The left drawer will automatically open when completed*



Warning:

**Do not turn the power off during this wait period or else your machine will become inoperable and require factory service.*

5. Move the *DATA* disc over to the right drive and close the drawer for drive 2.
**Leave the drawer open for drive 1*
6. Press the **PLAY** button on right drive when indicated.
**The right drawer will automatically open when completed*
7. Remove the *DATA* disc from the right drive.
8. Shut the power **OFF**, then back **ON** and close both drawers.
9. Verify your software by pressing the **PRESET** button (on either side) for more than 1 sec. In **PRESET** mode turn the track knob counter clockwise until you see "SysVer6832".

DN-D4000 PLUG IN'S OPERATING INSTRUCTIONS



New & Current Plug In's as of 10/2004 (6832)

- Seamless Looping and Hot Start accuracy was improved
- Remain Time default was not being saved in the preset mode, now corrected
- *Previous Plug In's listed on page 5 Are Also Included*

Hey DJ's! Did you check out our latest **DN-D6000** YET?

DoubleCD/MP3 Player Comparison Chart

Model Name	DENON	
	DND4000	DND6000
Loading Type	Tray	Slot in
Remote Size	2U	3U
MP3 Playback	Yes	Yes
MP3 Playback	Yes	Yes
MP3 Looping	No	Yes
MP3 Hot Starts	No	Yes
MP3/CD Scratching	No	Yes
File Search System	No	Yes
MP3 ID3-tag Display	Yes	Yes
MP3 File Name Display	Yes	Yes
CD-TEXT	Yes	Yes
Next Track Reserve with Crossfade	No	Yes
CD Seamless looping	Yes(2)	Yes(2)
CD Hot Starts	Yes(2)	Yes(2)
Sampler(time/sec)	No	Yes(15)
Key Adjust	No	Yes
On-Board DSP Effects	No	Yes(7)
Auto BPM	No	Yes
MEMO	Yes(300)	Yes(1000)
Custom Paper Slipmats	No	Yes

For more information about the DN-D6000, check out page 8 & 9

DN-D4000 PLUG IN'S OPERATING INSTRUCTIONS



Previous Plug In's as of 8-25-03 (SYS 6505)

- **Playback File Limit:**
The playback limit of 150 MP3 files per disc has been increased to 999 MP3 files per disc. However, the internal "disc memo" capacity of saving 150 files per disc has not changed. Please refer to your owner's manual for "disc memo" operation. *This applies to MP3 discs only.
- **3-way MP3 display preset selection:**
Based on how you recorded your MP3 discs, Denon had added a convenient 3-way display option to view file information with or without ID3 Tags. *This applies to MP3 discs only.

How to use:

Go into your preset mode by holding down the **[preset]** button for more than 1 second in CUE, PAUSE or NO DISC mode. Then turn the **[track]** knob and find **T.Disp All**. Tap "down" on the **[track]** knob once to find **F. Name OFF**. Tap down again to find **Id3Tag OFF**. Tap again to find **T.Disp All**.

Select one of the three best options for you and then tap the **[preset]** button to exit and save.

T.Disp All – Each time the **[Title]** button is pressed, the display order will be:
File -> Folder -> Title -> Artist -> Album -> File... (great for MP3 discs with ID3 Tags)

F. Name OFF All – Each time the **[Title]** button is pressed, the display order will be:
Folder -> Title -> Artist -> Album -> Folder... (great for MP3 discs with ID3 Tags)

Id3Tag OFF All – Each time the **[Title]** button is pressed, the display order will be:
File -> Folder -> File... (great for discs without ID3 Tags)

- **Play Lock:**
This new user selectable feature will prevent accidental track change during PLAY in "Single Mode".

How to use:

Go into your preset mode by holding down the **[preset]** button for more than 1 second in CUE, PAUSE or NO DISC mode. Then turn the **[track]** knob and find **PlayM.Sing**. Tap "down" on the **[track]** knob until you see **PlayM.Lock**. Tap the preset button to exit and save. You may temporarily turn this function ON or OFF by cycling through the **[Cont./Single]** button. The display will indicate what mode your in for a brief second each time you press the **[Cont./Single]** button.

Previous Plug In's as of 6-04-03 (SYS 6490)

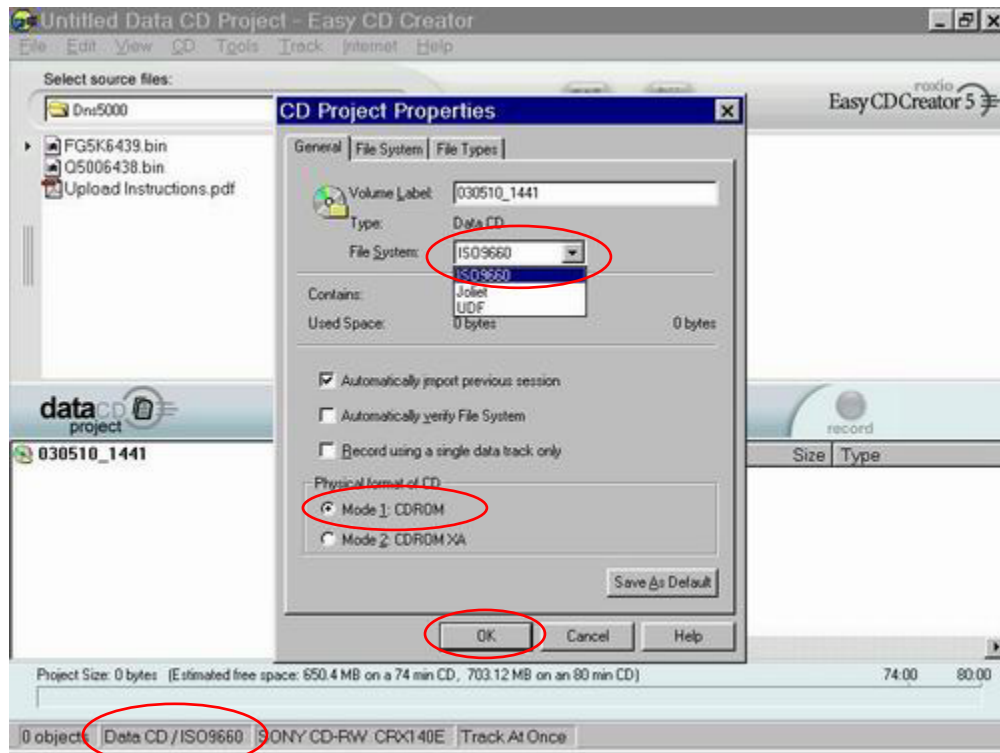
- **Remain Time:**
MP3 "Remain Time" was added to the current feature set.

How to properly burn DENON's Plug-In Software to a CD-R/RW

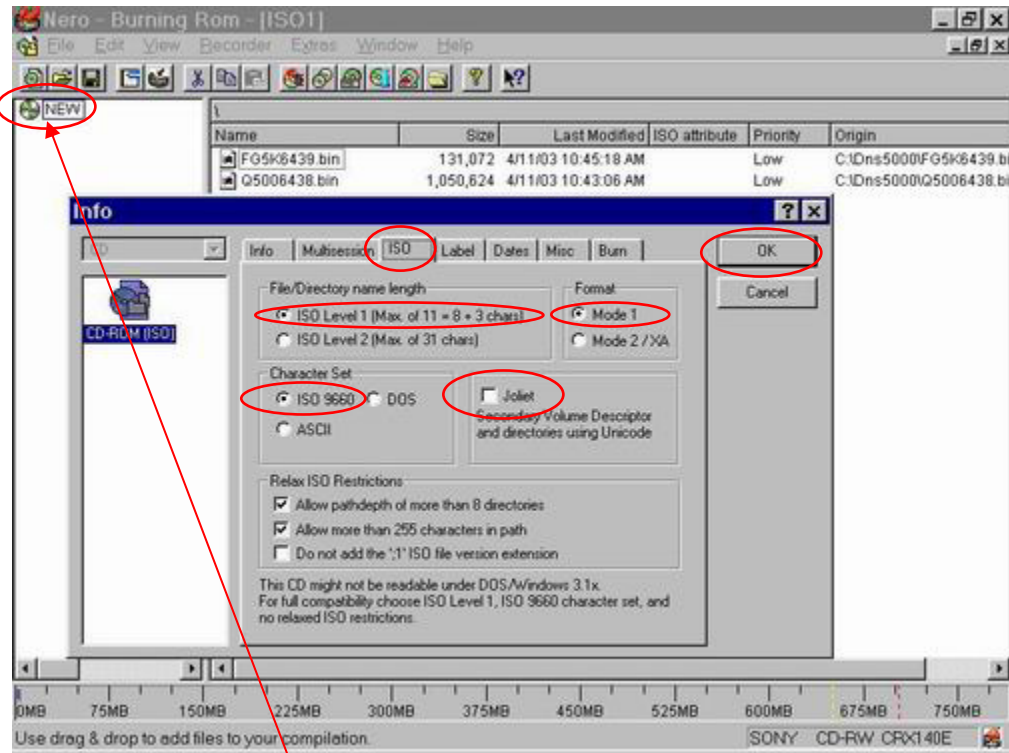
If you are experiencing problems with your upload, chances are you did not select the proper settings within your burning software. The below screen shots are of the two most popular brands that will guide you with these important settings.

Valid for: DN-D9000, DN-D6000, DN-D4000, DN-S5000, DN-S3000 & DN-S1000

Roxio – Easy Creator 5 (Select “Classic” for versions above 6)



1. Double click on this setting to change your CD properties.
2. Select “ISO9660” circled in red
3. Select “Mode 1” circled in red
4. Select “OK” circled in red
5. Select the (1) required “.bin” file, then finalize at the slowest possible speed.
6. Read the step-by-step instructions included on page 2 & 3.



1. Right click on the “NEW” icon and select “Properties” in the drop down menu to change your CD properties. The Info box will then appear.
2. Select the “ISO” tab circled in red
3. Select “ISO Level 1” File/Directory name length circled in red
4. Select “Mode 1” Format circled in red
5. Select “ISO 9660” Character Set circled in red
6. Uncheck the “Joliet” box circled in red
7. Select “OK” circled in red
8. Select the (1) required “.bin” file, then finalize at the slowest possible speed
9. Read the step-by-step instructions included on page 2 & 3.



DENON

Professional Dual CD/MP3 Player

DN-D6000



Advanced Features

- MP3 Playback: fully supports,
 - MP3 Seamless Looping w/B Point Trim
 - MP3 Scratching
 - MP3 Hot Starts- MP3 Effects
 - C.B.R & V.B.R. encoding up to 320 kbps
 - ID3 Tags, displays: (Title, Artist, Album)
 - MP3 File Search System (locate your files by name fast and easy)

• Next Track Function w/Cross Fade

Storing hundreds of your favorite mp3's on one disc is great. But what if you want play other files from the same disc back to back? Well, with our world's first Next Track Reserve function, you can search for a song by name and cross fade seamlessly to that file for a smooth non-stop mix.

* The crossfade time is user adjustable.

** Also available for CD audio discs as well.

• 15 Second On-Board Sampler, with edit options:

Pitch, B-Trim, Volume control, 3-Way playback (Loop/Single/All)

• 3-Way BPM Counter

AUTO BPM, Manual TAP and Manual BPM value is also possible.

• 4 Built-in Effects

You can activate the Effector function by selecting one of the 4 effects: Flanger, Filter (High-Mid-Low), Echo and worlds first Echo/Loop.

• 3 Platter Effects

Drag-Start, Brake & Reverse effects can be used for MP3 or CD audio discs.

Other Features

• New Quick Loading Slot In Drives

- **Seamless Loop:** Two seamless loops are available. (CD or MP3)

• Hot Start

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/Move

The B point for the seamless loop can be easily adjusted on-the-fly using the Scratch Disc.

- **CD TEXT support** (with scrolling display for long names)

• Power On Play

Unattended playback is possible upon power up. Great for restaurants, bars and nightclubs at opening time.

• Relay Play

Unattended playback is possible between both drives. Great for cocktail hour or during dinner time at banquet halls.

• CD Memo function

Cue point, Playback Pitch & Range, Pitch ON/OFF, Key Adj ON/OFF, and Seamless Loop A and B data can be stored for later recall.

• 70mm Jog Disc with:

- Scratch Control
- Pitch Bend & Platter Hold
- Scan & Frame Search
- Customizable paper slipmats is possible under the removable clear scratch disc

• Pitch Control

* **CD:** $\pm 4\%$ (0.02% step), $\pm 10\%$ (0.1% step), $\pm 16\%$ (0.1% step), $\pm 24\%$ (0.1% step), $\pm 50\%$ (0.5% step), $\pm 100\%$ (1.0% step)

* **MP3:** $\pm 4\%$ (0.02% step), $\pm 10\%$ (0.1% step), $\pm 16\%$ (0.1% step)

• Pitch Bend

$\pm 32\%$ (when variable pitch range is ± 4 , 10, 16 or 24%)
 $\pm 99\%$ (when variable pitch range is $\pm 50, 100\%$)

• **Key Adjust** (=Master Tempo): $+100\%$ / -99% max

• **EOM** (Flashes the 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

• **2-Way Fast Search/Manual Search** (buttons or jog disc)

• Quick Jump:

We made searching fast & easy. You can now 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.

• **New remote control cable:** Our newly designed pin less cable is secured in place by its worry free self-locking ends.

• **Software Upgradeable** by CD-ROM disc

**Design and specifications are subject to change without notice.*

• Customizable Preset functions

1. AUTO CUE: ON*/OFF
 2. NEXT TRACK FADE TIME: OFF/1/2*/3 sec.
 3. SCRATCH STROKE: Short*/Long
 4. SCRATCH DELAY TIME: OFF*/Delay1/Delay2/Delay3
 5. JUMP TIME: 10*/20/30/60 sec.
 6. PITCH RANGE: ± 4 / ± 10 / ± 16 / ± 24 sec.
 7. EOM : OFF/10*/15/20/30/60/90 sec.
 8. TOTAL TIME DISPLAY: ON/OFF*
 9. FADER: PLAY/CUE*/Play/Pause
 10. POWER ON PLAY: ON/OFF*
 11. PITCH: Pitch On*/Key adj On/Pitch Off
 12. SINGLE/CONTINUOUS:
SINGLE/CONTINUOUS/SINGLE PLAY LOCK*
 13. ELAPSED/REMAIN: ELAPSED*/REMAIN
 14. RELAY MODE: Relay On/Relay Off*
 15. MEMO ALL CLEAR: YES/NO*
 16. VERSION DISPLAY
 17. PRESET CLEAR: YES/NO*
- * : Default

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	95 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
Power supply	AC120 V, 60 Hz
Power Consumption	25 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	6.3 kg, 13.9 lbs
Remote control unit	2.4 kg, 5.3 lbs
Standard Accessories	
Pin connected cord	2 pair
Remote connecting cable	1 pc (3 m, 9.84 ft)

