

Professional Broadcast CD Players

# DN-951FA / DN-961FA



DN-951FA



DN-961FA

Considered the performance standard for broadcast CD players, the Denon DN-951FA and DN-961FA models combine true professional grade construction with a full complement of user features. Identical in most respects except for the tray-loading system, these two models serve as the workhorse CD players in thousands of radio stations and other professional audio installations around the world.

The DN-951FA CD is the cart version, offering top reliability when the CD media is subject to rough handling (for example, in the DJ booth, control room, and similar environments). Housed in a secure cart, the CD media is protected from inadvertent damage, especially surface scratches.

The DN-961FA is the tray-loading version, featuring quick load/unload just like a conventional CD player, and is the ideal choice when the CD media isn't subject to abusive handling.

## Key Features

### Instant Start

Startup time is .01 second or less. A delay start of .1, .2, or .3 second is available via user preset. Startup via track flag or program material beginning is possible.

### Auto Cue

The pickup is cued to the position within the track where the sound starts and enters standby mode. The sound detection level can be set within a range of -36 to -72 dB.

### Back Cue

When the standby (STDBY/CUE) button is pressed during playback, the standby mode is set with the pickup at the position where playback was last started.

### End Monitor

When the end monitor (END MON) button is pressed in the standby mode, the end of the track is searched for and the track's ending can be monitored. After monitoring, the standby mode is set and the pickup is set at the play start position. End monitor start position can be user-set within a range of 5 to 35 seconds from the end of the track.

### Track Search

A pulse encoder-type rotary selector is used for the track search operation. The tracks can also be selected in units of 10 by pressing the selector while turning it.

### Play Mode Selection

The ending mode can be selected separately for single-track playback and continuous playback:

- Single-track playback: stop; return to play start position and standby; standby at next track
- Continuous playback: stop; return to play start position and standby; standby at beginning of disc

### End Of Message (EOM)

A message indicating that the track is about to end is displayed and can be set within a range of 5-35 seconds from the end of the track.

### Fader Start

The unit is equipped with a play start input connector and delay start function for use with a mixing console fader.

### Variable Pitch (Zero to +3% in .2 Sec. Steps)

### Fade In (20 ms)

### Parallel Remote

The unit is equipped with a D-sub 25-pin connector for connection to the optional Denon RC-680 wired remote control.

# DN-951FA / DN-961FA

## Serial Remote

The unit is equipped with a D-sub 9-pin connector conforming to the RS-422A serial remote control protocol.

## Auto Track Select (ATSS-DN-951A Only)

Reads bar code info off the disc caddy for automatic "pick" track selections.

## No-TOC Disc Playback Capability

Can read CD-R discs without final table of contents (TOC), such as multi-session CD-Rs that have not been finalized.

## Function Presets

Up to 28 different configuration selections can be stored in memory to fully customize the operation of the player according to the installed requirements. Preset choices are stored in non-volatile memory.

## Architect's & Engineer's Specifications

The CD player shall feature narrow chassis configuration such that 3 units placed side-by-side shall occupy one standard 19" rack width, placed on a shelf that shall be user-supplied.

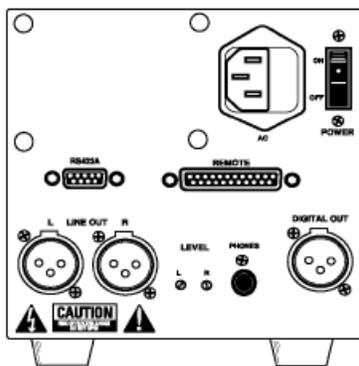
The CD player shall feature balanced audio connections via XLR connectors conforming to professional audio standard. The unit shall feature digital audio output connection via 3-pin XLR connector.

The unit shall feature adjustable instant start times, variable pitch control, fader start function, end monitor, end detect function, and adjustable cue-up audio level.

The unit shall feature preset function adjustment capability and shall provide the ability to store up to 28 different preset function adjustments in non-volatile memory.

The CD player unit shall feature CD cart disc loading configuration and shall be the Denon DN-951FA.

The CD player unit shall feature standard disc tray loading configuration and shall be the Denon DN-961FA.



## Specifications

Type:	Table-top CD cart player (DN-951FA) Table-top CD player (DN-961FA)
Audio Channels	2 channels, stereo/mono selectable
D/A Conversion	16-bit linear
Sampling Frequency	44.1 kHz
Pitch Adjustment Range	Zero to +3% in .2 sec steps
Playback Startup Time	10 ms or less
Analog Outputs	
1) Method of Transfer and Connector	Active balanced output, XLR connector
2) Output Level:	+18 dBm into 600 ohms impedance
3) Output Level Adjustment Range	+22 dBm to -20 dBm via rear panel
4) Output Impedance	Low impedance
Digital Output	
1) Method of Transfer and Connector	Active balanced transfer, XLR connector
2) Signal Format	Conforming to IEC-958
3) Output Level	3 Vp-p or greater
Headphones Output	Stereo
1) Applicable Load	30 to 40 ohms
2) Output Level	20 mW or greater
Remote Connector	Parallel remote, D-sub 25 connector via optional Denon RC-650 wired remote Serial remote, D-sub 9 connector
RS-422A Connector	
Audio Performance	
Frequency Response	20 Hz-20 kHz, $\pm 1$ dB
Total Harmonic Distortion	0.08% or less
S/N Ratio	96 dB or greater, "A" weighted
Channel Separation	90 dB or greater
Power Supply	AC 120 V, 60 Hz, 25W
Dimensions	Without feet: 144 (W) x 132 (H) x 400 (D) mm 5.7" (W) x 5.2" (H) x 15.8" (D) With feet: 144 (W) x 146 (H) x 401 (D) mm 5.7" (W) x 5.7" (H) x 15.8" (D)
Weight	Approx. 5.5 kg (12 lbs.)

Above specifications and design styling are subject to change for improvement.



D&M Professional  
1100 Maplewood Drive Itasca, Illinois 60143  
Tel: 630.741.0330 Fax: 630.741.0652  
www.d-mpro.com

© 2004 D&M Professional. All rights reserved.



DENON  
PROFESSIONAL

marantz  
PROFESSIONAL

1 2 3 4 5 6 7 8 9

min

max

LEVEL