

DN-F300 Solid State Audio Player



This new player further emphasises our commitment to providing consultants and contractors with digitally-based, solid media products that feature no moving parts, with high reliability and maintenance-free operation under the most challenging conditions.

All of the advanced features that have made Denon Professional famous for broadcast CD playback have been implemented in the DN-F300 and because of the robust and reliable solidstate media format, the DN-F300 is ideal for audio playback in a myriad of demanding applications, including Background Music (BGM), Fitness and Aerobics, DJ and Broadcast.

Housed in a compact 1U-rackspace enclosure, the DN-F300 offers contractors and system integrators a versatile solid-state audio player at an extremely cost-effective price point. The DN-F300 also has IR control and a microphone input, making it perfect for fitness and dance applications as well as background music playback. Additionally, the mic input has music ducking, which helps for paging in BGM applications. It also features ±16% pitch control, likewise ideal for dance and aerobics/fitness.

Features

- Compact and space-saving 1U/HE chassis
- Plays uncompressed WAV (44.1 kHz) and MP3 files
- Media playback mediums include both SD/SDHC cards (up to 32 GB) and USB (thumb drives or selfpowered HDDs)
- ±16% pitch control
- Tempo adjust
- Microphone input with independent level control and music ducking
- Random, Repeat Dir., Repeat All play modes
- A-B Repeat
- Next track select function
- Easy front panel file and directory navigation
- HP jack with level control
- Master level control
- Removable rack ears



Rear panel

DN-F300

Specifications

SYSTEM

Playback Media: Playback File Format : Media Format : MP3 Bit Rate : Sampling Frequency : Quantization :

AUDIO SECTION

Audio channel:
Frequency response:
Dynamic range:
Signal-to-noise Ratio:
Channel separation:
Total Harmonic Distortion:
Line Output (RCA):

Microphone input sensitivity/input impedance:

Headphone Output : Variable Pitch Control : Frame Search Accuracy :

GENERAL

Power Source: Power Consumption :

Dimensions (W x H x D) incl. rack kits:

Weight:

ENVIRONMENTAL CONDITIONS

Operating temperature : Operating humidity : Storage temperature : Storage humidity : SD/SDHC, USB drives WAV, MP3 (MPEG-1 Layer III) FAT/FAT32

32-320 kbps/Stereo, VBR 44.1 kHz

16 bit

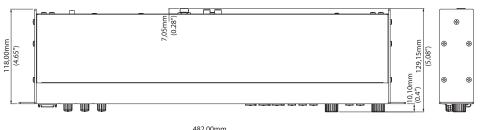
2 (Stereo) / 1 Monaural
20 to 20,000 Hz ± 1.0 dB
96 dB
97 dB (1 kHz, 0 dB playback, A filter)
89 dB (1 kHz, 0 dB playback)
0.006% (1 kHz, 0 dB playback)
2.0 Vrms (0 dB) / 1 kohm (Level Control Max)
-38 dBV/10 kohm (Level Control Max)
20 mW / 32 ohms (Level Control Max)
±20.0% (0.1% steps)
1 / 75 second

DC6 V

482 (19") x 44(1-12/16") x 129 (5") mm

1.6 kg (3 lbs 9 oz)

+5°C to +35°C 25% to 85%, non condensing -20°C to +60°C 25% to 85%, non condensing





Note

- Some part may not be played back correctry depending on the format or recording status.
- For improvement purposes, specifications and design are subject to change without notice.

