CD players
Cassette decks
Combination decks
CD recorders
Video
Recievers & Tuners

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min   max
LEVEL

DENON
PROFESSIONAL
ONE CYCLE

Professional Installation Solid State
Audio Player and Hot Start Remote

DN-F400/RC-F400S

The DN-F400 builds upon the professional quality and innovation that has long made Denon Professional the undisputed leader in innovative audio design. Delivering powerful performance in a compact, single RU half-space package, the DN-F400 is designed to deliver dependability in critical applications where audio runs continuously or must be triggered at a moment's notice, including background music, music-on-hold, continuous or repetitive messaging or emergency announcements.

From theme parks and shopping malls to hospitals, hotels, airports and train stations, the DN-F400 is ideal for use in public facilities requiring continuous playback, repeated programmed audio messaging or quickly-triggered announcements.

The optional RC-F400 Remote Controller features a large LCD display and ergonomically designed control panel, including twenty hot buttons for instant playback of audio or sound effects. When used together, the DN-F400 / RC-F400 Solid State Audio Combo is a powerful and cost-effective alternative to high-priced sound FX playback systems and outdated CART players, CD or Minidisk units for radio, television, sporting events, theater and other real-time performance applications.

Key Features

- Plays mono and stereo uncompressed WAV (44.1 and 48 kHz) and MP3 files
- Utilizes robust, industry-standard SD and SDHC card formats
- Easy-to-operate tape-recorder type control panel
- Balanced (Phoenix-type) and unbalanced audio outputs
- Front-panel headphone output with level control
- Random, Repeat One, Repeat All modes
- Program playlists via .m3u files
- External RS-232c and GPIO control
- Securable SD slot
- Bright, easy-to-read OLED display
- Simple, intuitive operation

Easy to Program, Easy to Use

The DN-F400 offers the ultimate in ease of operation. No complex, multi-tiered menus to page through – its rear-panel DIP switches offer simple, one-time setup, with features like Continuous Play with Repeat or Power-On Auto Play modes for hassle-free, dedicated installations.

The DN-F400's intuitive, one-touch operation means quick, easy and error-proof access, making it ideal for restaurants, theme parks and other business establishments where multiple users may be required to operate the system.

Dependability

As a stand-alone audio playback unit, the DN-F400 provides Denon Professional's legendary reliable performance under the most demanding conditions, using robust, industry-standard SD and SDHC Card Solid-State Media. Whether it's continuous background music in a restaurant, theme park or shopping mall, a loop of repeated messages in transportation terminals or post offices, or triggered announcements in convention centers or other public facilities, the DN-F400 is designed for dependable, long-term reliability and performance.

Flexibility and Control

The RC-F400S Remote Controller's intuitive control panel features a large, easy-to-read OLED display, with full navigation and transport control and features like Power-On Auto Play. Audio and Sound FX files can be easily assigned to each of its twenty Hot Start buttons for instantaneous triggering of any sound file, making it an ideal choice for the most demanding live situations, including sporting events, theaters, radio and TV stations.

Together with the RC-F400S Remote Controller, the DN-F400 provides a powerful, cost-effective alternative to expensive sound FX software management and playback systems, and a dependable replacement for outdated CART players and cumbersome CD and Minidisk systems.

www.d-mpro.com/dnf400
www.d-mpro.com/rcf400s

DN-F400/RC-F400S

Continued

Specifications

System

Playback Media:	SD/SDHC Flash Media
Playback File Format:	WAV, MP3 (MPEG-1 Layer III)
Media Format:	FAT/FAT32
MP3 Bit Rate:	32-320 kbps/Stereo, VBR
Sampling Frequency:	44.1kHz / 48kHz
Quantization:	16-bit

Audio Section

Audio Channels:	2 (Stereo) / 1 (Mono)
Frequency Response:	20 Hz ~ 20 kHz ± 1.0 dB
Dynamic Range:	96 dB
Signal-to-Noise Ratio:	98 dB
	(1 kHz, 0 dB playback, A filter)
Channel Separation:	86 dB
	(1 kHz, 0 dB playback, A filter)
Total Harmonic Distortion:	0.005%
	(1 kHz, 0 dB playback, A filter)
Balanced Analog Output (Phoenix):	+24 dBu / 600 ohms
	(0dB, Trim Max.)
	Trim Range -28 ~ 0 dB
Unbalanced Analog Output (RCA):	2 Vrms / 1 kohm
	(0dB, Trim Max.)
	Trim Range -28 ~ 0 dB
Headphone Output:	20 mW / 32 ohms
Frame Search Accuracy:	1/75 second
Serial Remote (RS232C):	D-Sub 9-Pin, Female
Parallel Remote:	D-Sub 25-Pin, Female

General

Power Supply:	DC 5V (DA620PMD)
Power Consumption:	TBD W
Dimensions (W x H x D):	217 x 44 x 270mm
	8-9/16" x 1-3/4" x 10-5/8"
Weight:	1.7 kg
	3 lbs. 12 oz

Included Accessories

AC Adaptor (DA620PMD)	1
Stereo Audio Cable	1
Phoenix Type Plug	2
19" Rack Kits	1
Operating Instructions	1
CD-ROM for multi-language manuals	1

PLEASE NOTE: Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

Specifications

General

Function Control of the DN-F400
MP3 ID3 Tag Display

AC Power Adaptor

Power Source:	DC 5V (DA620PMD)
Power Consumption:	5.0 W
Dimensions (W x H x D):	217 x 47.5 x 172mm
	8.54" x 1.87" x 6.77"
Weight:	0.8 kg
	1.76 lbs.

Environmental Conditions

Operating temperature:	+5°C to +35°C
Operating humidity:	25% to 85%, non condensing
Storage temperature:	-20°C to +60°C
Storage humidity:	25% to 85%, non condensing

Included Accessories

AC Adaptor DA620PMD	1
Serial Cable (D-Sub 9-Pin Straight, Male–Female)	1 (6 ft.)
Mapping Layer Sheet	1
Operating Instructions	1

Applications

Fitness

BGM

Dance

Theater

Broadcast

DENON PROFESSIONAL   marantz PROFESSIONAL

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