Professional Solid-State Recorder

PMD670

The PMD670 solid-state recorder features non-stop recording with seven hours of battery life, a menu-driven remote operation, and an EDL marking system for creating new files on the fly during the recording and allowing easy file selection during playback. Users are assured of a high-quality recording result due to the built-in lock down panels that secure the recording setting switches and media door from accidental changes in the field.

Key Features

– Record Directly to Compact Flash Cards

– Easy One-Touch Record

– Portable Operation

– No Moving Parts

– MP3, MP2, WAV, and BWF Format Compatible

– Over 40 Assignable Quality Settings

– Security for Switch Settings and Media (Door)

– 16-48 KHz Sample Rate Selections

– 32-384 Bit Rate Selectable

– Menu Driven Contact Closure for Remote Operation: Start-Pause/Mark EDL/Unattended Power Up and Record/Create New File

– Digital Input and Output

– Balanced XLR Mic Inputs

– Unbalanced Line In and Out

– +48 V Phantom Power

Extensive Capability
Designed with compatibility for MP3, MP2, BWF, and WAV formats, the PMD670 boasts an impressive 40 assignable quality settings as well as a FAT32 file allocation table for future multi-gig file capability.

Simple Operation
With the flip of a switch, users can record audio files to affordable and widely available microdrives or compact flash cards.

Transfer Audio Files to PC
A table-top portable model, the PMD670 features a computer I/O connection that allows it to be easily linked for rapid file transfer. Users can drag and drop recorded audio files to their computer's hard drive in minutes—without the real-time delay disadvantages of cassette, mini disc, or DAT recording. The optional PMDEdit software enables easy file management and editing.

Accessories

RB1100 Ni-Cd battery pack

RB1650 Ni-MH battery pack

BC600 Battery Charger

CLC670 Vinyl Carrying Case

CA200 Hard Shell Attaché Case

PRC600 Reporter style bag

PRC300 Nylon Carrying Bag

PMD670

Specifications

General

System	Solid-state recorder
Number of Channels	2 (stereo), 1 (mono)
Usable Media	CF memory cards, microdrives
Recording and Media Methods	
.mp2	MPEG1 layer II compression
.mp3	MPEG1 layer III compression
.mp3	MPEG2 layer III compression*
*for all half sample rates	
PCM	16-bit linear PCM
Power Consumption	
Recording/Playback	5.2 W
Charging	12 W
Standby (Battery Driven)	2.2 mW
Headphone Output Power	20 mW/32 ohms
Speaker Output Power	100 mW
Phantom Power	48 V, 10 mA
Dimensions (Maximum)	
Width	10.4 in. (264 mm)
Height	2 in. (55 mm)
Depth	7.3 in. (185 mm)
Weight	2 lbs., 14 oz. (1.3 Kg)

Audio

Recording Bit rate (Selectable)	
MP2 Stereo	384, 256, 192, 128, 96, 64 kbps
MP2 Mono	192, 128, 96, 64, 48, 32 kbps
MP3 Stereo	320, 256, 160, 128, 80, 64 kbps
MP3 Mono	160, 128, 80, 64, 40, 32 kbps
Sampling Frequency Analog	48, 44.1, 32, 24*, 22.050*, 16* kHz
	*except MP2
Digital	48, 44.1 kHz
Frequency Response (PCM 44.1 kHz)	20,000 Hz (-0.5 dB)
Signal-to-Noise Ratio IEC-A Weighted	LINE 86 dB
	MIC 65 dB
Total Harmonic Distortion at	
0 VU (PCM)	LINE 0.03%
	MIC 0.08%
Dynamic Range	86 dB

Inputs/Outputs

MIC IN L/R	
Type	XLR (1:GND, 2:HOT, 3:COLD)
Input Sensitivity	1.2 m Vrms/6.5 k ohms
LINE IN L/R	
Type	RCA jack
Input Sensitivity	300 m Vrms/20 k ohms
LINE OUT L/R	
Type	RCA jack
Standard Level	2 Vrms max./2 k ohms
DIGITAL IN/OUT	
Type	RCA jack
Impedance	75 ohms
Standard Level	0.5 Vp-p
Sampling Frequency	44.1/48 kHz
Format	SPDIF (IEC-958 type II)

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

MP3

DENON PROFESSIONAL marantz PROFESSIONAL

1 2 3 4 5 6 7 8 9
min   max
LEVEL