

Professional Solid-State Recorder

PMD671



Marantz Professional's PMD671 for one-touch, non-stop, PC- compatible recording.

Marantz Professional unveils a new, upgraded portable recorder, the PMD671. This solid state device can record audio files to affordable and widely available Microdrives or CompactFlash® cards with just the flip of a switch. Designed for compatibility with MP3, MP2, BWF, and WAV formats, the PMD671 boasts an impressive 40 assignable quality settings as well as a File Allocation Table (FAT32) for future multi-gigabyte file capability. Features include: non-stop recording with 6 hours of battery life; menu-driven remote operation; and an EDL marking system for creating new files on-the-fly during recordings for easy file selection during playback.

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
- Read after write monitor*
- Shift time playback*

*Additional function from PMD670

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

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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

16/24 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

264 mm

Height

55 mm

Depth

185 mm

Weight

1.3 Kg

Audio

Recording Bit rate (Selectable)

MP2 Stereo

284, 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

Analog - 16 bit

48, 44.1, 32, 24, 22.05, 16, 12, 11.025, 8 kHz (PCM)

48, 44.1, 32, 24, 22.05, 16 kHz (MP3)

48, 44.1, 32 kHz (MP2)

- 24 bit

96, 88.2, 48, 44.1 kHz (PCM)

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 machines, and are subject to change without notice.

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