

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

# PMD671

## 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.

D&M Professional Europe  
 Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex, UB7 0EH, UK  
 Tel: +44 (0)1753 680023 Fax: +44 (0)1753 686020 www.d-mpro.eu.com