D&M Professional

marantz
PROFESSIONAL

1 2 3 4 5 6 7 8 9
min   max

ONE CYCLE

Pro-Installation Solid-State Recorder

PMD570

For years, Marantz Professional has led the industry in the recording and gathering of audio for every application from Houses of Worship to Corporate Boardrooms to Municipalities to Courthouses and beyond. Not afraid of moving forward with technology, the new PMD570 pro-installation solid state recorder from Marantz Professional will lead the charge in audio data acquisition. Replacing the traditional cassette tape with readily available and affordable CF (compact flash) cards may be scary; but after all of the benefits of doing so have been realised, you'll know why Marantz Professional and the PMD570 are out in front again.www.d-mpro.com And you thought we were famous for our cassette recorders!

Key Features
— Record Directly to Compact Flash Cards
— RS-232c Control of Functions
— Easy One Touch Record
— No Moving Parts
— MP3, MP2, WAV, and BWF Format Compatible
— Over 40 Assignable Quality Settings
— Security for Media (Door)
— 16-48 kHz Sample Rate Selections
— 32-384 Bit Rate Selectable
— Menu Driven Contact Closure for Remote Operation: Start-Pause, Mark EDL/Create New File/Start-Pause with New File/ Mark EDL
— Digital Input and Output— Balanced XLR Line inputs with Trim
— Unbalanced Line In and OutExtensive

Extensive Capability
Capability Designed with compatibility for MP3, MP2, BWF, and WAV formats, the PMD570 boasts an impressive 40 assignable quality settings as well as a FAT32 file allocation table for future multi-gig file compatibility.

Simple Operation
With one button press, users can record audio files to affordable and widely available microdrives or compact flash cards.

Control of Functions and Presets
The PMD570 is the first installation solid-state recorder in a history of innovative recorders to feature true installation quality and full two-way RS-232 control. Users can also setup, change, and replace all preset settings via RS-232 and their PC (see graphic on page 2), which is ideal for install with multiple units. One can simply "flash" the units with the desired settings, parameters, and recording algorithms.

On Demand Marking
Expanding on the marking capabilities of the Marantz Professional PMD670, the PMD570 allows the end-user to mark and divide files in many different manners. Just like the PMD670, one can make an EDL mark or create a new file (track) either by the front panel or by a contact closure signal. The PMD570 will also be able to mark a file or create a new file by RS-232 control or by utilising a new Marantz Professional wired remote to be released in the near future. And just like the PMD670, the PMD570's files and EDL marks are recognised by PMDEdit for those desiring easy file management, archiving, and editing.

"Minute Track Mode" Recording
While recording, the PMD570 has the ability to create new files while recording at a number user definable increments for easy navigation through hours of audio. A new file (track increment) can be created by the PMD570 at 1, 5, 10, 15, and 30 minutes as well as 1, 2, 6, 8, 12, and 24 hour intervals for long-term, unattended audio recording.Transfer

Transfer Audio Files to PC
The PMD570 features a computer I/O connection that allows it to be easily linked for rapid file transfer to your PC or MAC computer. 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 (PC only) enables easy file management and editing.

Compact Flash - the Media
Record it right the first time and avoid all of the timely transfers and expensive conversions associated with cassette, mini disc, and DAT recordings to your PC or server. Archiving meetings on cassettes is expensive and space consuming. With the Marantz Professional PMD570 and one inexpensive Compact Flash card, you can archive over 50 hours on one 700MB compact disc. That's over 33 - 90 minute cassettes worth of recording!!! And with compact flash media being used in so many digital cameras, it is a format that is here to stay.

PMD570

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
PCMPower Consumption	5.3 W
Headphone Output Power	20 mW/32 ohms
Dimensions (Maximum)	
Width	483 mm
Height	52 mm
Depth	298 mm
Weight	3.0 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*, 22.05*, 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	91 dB
Total Harmonic Distortion at	
0 VU (PCM)	0.01%
Dynamic Range	94dB

Inputs/Outputs

Balanced LINE IN L/R	
Type	XLR (1:GND, 2:HOT, 3:COLD)
Input Sensitivity	+16dBu/@ 0dBFS (+4dBu/@-12dBFS)
	/24 k ohms
	0dB - +24dB Trim Control
Unbalanced LINE IN L/R	
Type	RCA jack
Input Sensitivity	500 mVrms/22 k ohms
LINE OUT L/R	
Type	RCA jack
Standard Level	2 Vrms max./300 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)

Solid-State Recorder **PMD570**

Features RS-232

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