



# PMD580

Continued from previous page

## System Compatibility

With full professional inputs and outputs, both analog and digital, the PMD580 integrates easily into any system. Analog I/O includes both balanced XLR and unbalanced RCA connections, while digital capabilities include both AES/EBU and S/PDIF inputs and outputs. Beyond that, an RS232C port enables remote control in Crestron and AMX systems, while an Ethernet connection makes the PMD580 a full-fledged network device for both acquisition and playback.

## Convenience Features

The PMD580 includes numerous functional recording and editing features. Files can be marked and divided either manually while recording, as well as automatically in predefined increments, making it easier to sort through hours of recorded materials. Whether used manually, via RS232 control or via its IP network interface, the PMD580 offers both comprehensive recording capability and ease of operation, making it the ultimate solid state recorder for the installation market.



## Specifications

### Digital Audio System

System	Solid State Recorder
Usable Media	CF Memory Cards, Microdrive Cards
Recording and Media Methods	
MP3	MPEG1 Layer III Compression
WAV	16/24 Bit Linear PCM
Recording MP3 Bit-rate (Selectable)	
Mono	160, 128, 96, 64, 32 kbps
Stereo	320, 256, 192, 128, 64 kbps
Sampling Frequency	44.1/48 kHz
Number of Channels	2 (Stereo), 1 (Mono)
Audio Frequency Response	10 to 20,000 Hz $\pm$ 1.0 dB
Signal-to-noise Ratio, IEC-A Weighted	91 dB
Total Harmonic Distortion at 0 VU	0.01%
Dynamic Range	94 dB

### Inputs

Balanced Input	
Type	XLR (1:GND, 2:HOT, 3:COLD)
Input Sensitivity	+4 dBu/-20dBu/24 kohms
Unbalanced Input	
Type	RCA Jack
Input Sensitivity	500 mVrms/22 kohms
Balanced Digital Input	
Type	XLR (1:GND, 2:HOT, 3:COLD)
Sampling Frequency	44.1/48 kHz
Format	AES/EBU or SPDIF (IEC 958 Type II)
Unbalanced Digital Input	
Type	RCA Jack
Input Impedance	75 kohms
Standard Input Level	0.5 Vp-p
Sampling Frequency	44.1/48 kHz
Format	AES/EBU or SPDIF (IEC 958 Type II)

### Outputs

Balanced Output	
Type	XLR (1:GND, 2:HOT, 3:COLD)
Level	+18 dBu (+4 dBu Reference)/600 kohms
Unbalanced Output	
Type	RCA Jack
Standard Level	2 Vrms (+4 dBu Reference)/10 kohms

### Balanced Digital Output

Type	XLR (1:GND, 2:HOT, 3:COLD)
Output Impedance	110 ohms
Standard Output Level	3.5 Vp-p
Format	AES/EBU or SPDIF (IEC 958 Type II)

### Unbalanced Digital Output

Type	RCA Jack
Output Impedance	75 ohms
Standard Output Level	0.5 Vp-p
Sampling Frequency	44.1/48 kHz
Format	AES/EBU or SPDIF (IEC 958 Type II)

### LAN Interface

Format	10Base-T/100Base-TX
Transmission Rate	10/100 Mbps
Connector	8pin RJ-45

### General

Power Requirements	
U.S. Model	AC 120 V 60 Hz
European Model	AC100 -240 V 50/60 Hz
Power Consumption	26 W
Environmental Conditions	
Operational Temperature	5-35 °C (41-95 °F)
Operational Humidity	25 - 85% (No Condensation)
Storage Temperature	-20 - 60 °C (-4 - 140 °F)
Headphone Output Power	18 mW+ 18 mW/32 ohms
Dimensions	
Width	483 mm (19.0")
Height	44 mm (1.7")
Depth	344 mm (13.5")
Weight	3.7 kg (8.2 lbs)

### Included Accessories

Power Cord (for U.S.)	1
Power Cord (for Europe)	2
USB Cable	1
Audio Cable	2
CF Door Screw	2
Retainer	1
User Guide	1
CD-ROM	1
Customer Registration Document (Only for U.S.)	1

\* Specifications are subject to change without notice.

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