marantz PROFESSIONAL

ONE CYCLE

1 2 3 4 5 6 7 8 9

min max

LEVEL

CD players
Cassette decks
Combination decks
CD recorders
Video
Receivers & Tuners

Professional SD/SDHC Field Recorder

PMD661

Based on the innovative design of our hugely popular PMD660, the rugged and robust Marantz PMD661 incorporates a wide range of technical advances and convenience features that help it excel in virtually any application. Big enough to accommodate dual XLR microphones and light enough for handheld use, the PMD661 offers exceptional recording quality in literally any location.

For critical field applications like electronic news gathering, sound capture on location and music recording, the PMD661 provides the audio precision of 24-bit, 96 kHz digital recording. Its exceptional resolution and file-based architecture makes it perfect for critical stereo recording of music and sound effects in the field, while true mono recording and lower bit rates make it equally appropriate for meetings, conferences, legal proceedings and podcasts. The ergonomic control panel, one-touch transport system and large, bright OLED display make it easy for both seasoned pros and first-tine users to record with confidence. This portable solid-state recorder uses readily available SD or SDHC media cards, and gets over five hours of operation from four AA alkalines.

From inputs to output, for recording, editing and playback, the Marantz PMD661 packs a wealth of functionality in a compact, ergonomic package. With full support for professional microphones, comprehensive record, playback and editing capabilities at a very reasonable price, the PMD661 puts the future of field recording in the palm of your hand.



Key Features

— Digital recording at 44.1/48/96 kHz fs at 16 or 24-bit quantization
— Uses stable, reliable SD or SDHC memory cards
— WAV (Broadcast WAV File) or MP3 recording format
— Large, easy-to-read OLED display
— Ergonomic, one-touch transport controls
— Two XLR inputs, mic/line switchable with +48V phantom power
— S/PDIF digital input, plus a spare 1/8" stereo line in
— RCA stereo line level outputs
— USB 2.0 port for easy file transfer
— ¼-inch headphone jack with volume control
— Built-in stereo playback speakers
— Pitch control and skipback functions for transcription playback
— Over 5 hours of field recording with four AA alkaline batteries
— Rugged ABS construction with integral tripod mount
— PMD Marker Editor software included

High-resolution Digital Recording

The PMD661 records directly onto SD or SDHC solid-state media, providing hours of reliable digital capture with no moving parts. Choose from 44.1, 48 or 96 kHz sample rates at 16- or 24-bit quantization, creating either .WAV (BWF) file or MP3 files at a choice of multiple bit rates. Upgraded mic preamps and input level control assure full performance from outboard mics, and both stereo and true mono recording are supported.

Professional Hardware

From input to output, the PMD661 offers full-featured, professional hardware. Two mic/line switchable XLR inputs accept outboard microphones, while the S/PDIF input handles digital transfers. The XLR inputs can provide full 48V phantom microphone power, and exceptional onboard preamps assure exceptional performance. In addition, two high quality condenser mics and stereo speakers are fully integrated into the body, while a rugged ¼-inch headphone jack with volume control accepts professional headphones. Finally, a USB 2.0 port makes file makes file transfers a breeze – just connect the PMD661 to any computer and drag and drop to your desktop.

Ergonomic Design

The large, easy-view OLED display on the PMD661 front panel provides at-a-glance system status, with multifunction buttons under the display screen that prompt the user through recording, editing and file marking with ease. The one-touch transport system makes recording, playback, and transcription operations intuitive and straightforward. Tracking audio levels is easy with the 10-segment LED meter, cleverly angled for easy viewing from the front or the top.

PMD661
Continued

Editing and Playback Features
Whether monitoring audio, editing digital files or transcribing, the PMD661 offers a full range of tools to assist you. Copy Segment and File Divide functions allow instant field editing. In addition, the included PMD Mark Editor software provides extensive editing functions on PC for immediate distribution. A lithium battery tracks real time, allowing Timer Record and Timer Playback. Transcription functions include playback pitch control and user-definable skipback.

Rugged Portability
The size, weight and construction of the PMD661 are carefully designed to provide lightweight portability, tabletop stability and field-worthy ruggedness. Four AA alkalines provide over five hours of record time, and NiMH rechargeables are also accommodated. The case is made from high-impact ABS plastic with metal faceplate, and the XLR and headphone jacks are ruggedized for field use. The PMD661 also features an integral tripod adapter, allowing it to be mounted on camera tripods or mics stands.



Specifications

Digital Audio System

System:	Solid State Recorder
Usable Media:	SD / SDHC Cards
Recording Format	
MP3:	MPEG1 Layer III Compression
WAV:	16 / 24-bit linear PCM
Recording MP3 bitrate:	320 / 256 / 192 / 128 / 64 kbps
Sample Rate:	44.1 / 48 / 96 kHz
Number of channels:	2 (stereo) / 1 (mono)

Audio Performance

Frequency Response:	2 channel stereo
S/N Ratio (IEC-A Weighted)	
MIC:	65 dB
LINE:	85 dB
Total Harmonic Distortion (at 0 VU)	
MIC:	0.08%
LINE:	0.02%
Dynamic Range:	85 dB

Inputs

External Mic	
Type:	XLR stereo jack
Input Sensitivity:	1.2 mVrms / 4.2 kohms
LINE	
Type:	XLR stereo jack
Input Sensitivity:	0dBu / 4.2 kohms
LINE 2	
Type:	1/8" stereo jack
Input Sensitivity:	500 mVrms / 20 kohms

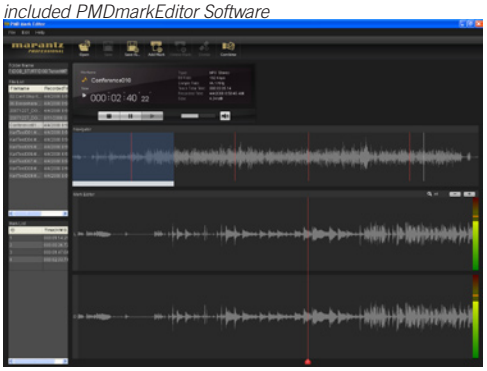
Outputs

LINE	
Type:	RCA stereo jack
Input Sensitivity:	2.0 V / 10 kohms
HEADPHONE	
Type:	1/4" stereo jack
Input Sensitivity:	16mW / 32 ohms
SPEAKER	
Standard Level:	450 mW / 8 ohms

General

Power Consumption	
Recording / Playback:	4.2 W (DC)
Battery Life (Alkaline):	5 hours (typical)
Phantom Power:	48V, 10mA (max)
Power	
AC Adapter:	DA620PMD (included)
Batteries:	4xAA alkaline dry cell batteries or 4xAA NiMH rechargeable batteries
Backup Battery:	Lithium battery for real-time clock
Environmental Conditions	
Operational Temperature:	0 – 40°C (32 – 104°F)
Operational Humidity:	25 – 85% (no condensation)
Storage Temperature:	–20 – 60°C (–4 – 140°F)
Dimensions	
Width:	93mm (3.7")
Height:	165mm (6.5")
Depth:	36mm (1.4")
Weight (excluding batteries):	410g (14 oz.)

included PMDmarkEditor Software



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

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