PMD620 Professional Handheld Recorder

PMD620

Marantz puts the world of professional field recording within easy reach with the PMD620, a rugged yet lightweight digital recorder that doesn't skimp on features or performance. The PMD620 fits comfortably in the palm of the hand and houses two high-quality electret condenser microphones and a monitor speaker, making it ideal for go-anywhere field recording application, such as interviews, podcasting, and meeting recording – even live music.

A true handheld, the PMD620 features an intuitive layout and tactile buttons for easy one-hand operation, while a high-contrast organic LED (OLED) screen makes setup a cinch under any lighting conditions. Just hit the Menu/Store button and the interface quickly walks you through the choices to ensure optimal recording for your needs.

The PMD620 uses convenient SD/SDHC cards, the most stable and commonly available type of flash media. Audio can be recorded either as uncompressed WAV files or any of three quality levels of MP3, in mono or stereo. So whether it's capturing an interview, a lengthy board meeting or a band's jam session, the PMD620 is always ready for action.

The PMD620 shines in post-production as well. Journalists and podcasters will especially appreciate its non-destructive on-board editing. Transcription is a breeze with its Skip Back function, and file transfers to any computer are drag-and-drop simple with the USB 2.0 connectivity. In short, the PMD620 combines ease of operation, professional recording quality and insightful features in a compact, ergonomic design.

Key Features

- True handheld portability with one-touch stereo recording
- Professional recording features and flexible file formats
- Digital recording with file size limited only by SD card capacity
- On-board editing and playback features
- Full inputs and outputs, including USB 2.0 connectivity

A True Handheld with Ergonomic Form Factor

At 2.5 by 4 inches by 1 inch and weighing under 6 ounces, the PMD620 slips easily into a pocket and fits comfortably in the palm of the hand, with oversized, tactile buttons that are laid out for intuitive, one-hand operation, from recording to playback. The high contrast OLED screen provides at-a-glance status of all critical functions, even offering a large font option. Integral high quality electret condenser microphones pick up the action, while LED telltales track Peak and Level conditions.

Professional Digital Recording

The PMD620 can record uncompressed WAV files for high fidelity stereo music, or lower resolution, mono MP3 files to maximize record time. For WAV files, choose from 16- or 24-bit linear PCM recording at either 44.1 or 48 kHz sample rates. Podcasters will appreciate having a total of six MP3 bit rates available, ranging from 192 kbps stereo down to 32 kbps mono. And, the menu selectable Auto-Input feature detects whether the line input or external mic input is being used, switching off the dual integrated mics automatically.

Stability and Portability

The PMD620 is a true handheld, light in weight yet ruggedly constructed. The use of SD cards as a recording medium provides the ultimate in space efficiency and stability, with no practical limit on file size. Two AA batteries, either alkaline or NiMH rechargeables, provide upward of five hours of operation.

On-board Editing and Playback Features

The PMD620 makes field production amazingly easy. Use the integrated speaker or mini-plug headphones to monitor or transcribe. The Copy Segment function extracts a piece of audio as a separate file while keeping the original intact, while the Skip Back feature acts as a preset "back up and replay" function, programmable for audio jumps of up to 59 seconds at the touch of a button.

Connectivity and Hardware

Despite its compact, slender profile, the PMD620 offers a full array of 1/8-inch stereo connectivity, including both line and mic inputs, a Line Out for playback, and a headphone jack for monitoring. A pair of convenient Up/Down buttons allows adjustment of input sensitivity, while the USB 2.0 port makes file transfers to any computer a breeze. Once connected, the PMD620 appears as a device on your PC desktop, with all files contained in a master folder. Just drag and drop any or all of them onto your desktop.

The PMD620 comes complete with SD card, audio and USB cables, AC adapter and more – everything needed to step into the world of high-resolution field recording.

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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 Bit-rate	
Stereo	192/128/64 kbps
Mono	96/64/32 kbps
Sample Rate	44.1/48 kHz
Number of Channels	2 (Stereo) / 1 (Mono)

Audio Performance

Frequency Response	20 Hz ~ 16 kHz (±1 dB)
Signal-to-noise Ratio, IEC-A Weighted	
MIC	68 dB
LINE	80 dB
Total Harmonic Distortion at 0 VU	
MIC	0.06%
LINE	0.02%
Dynamic Range	81 dB

Inputs

External MIC	
Type	1/8" stereo jack
Input Sensitivity	6 mVrms/30 kohms
LINE	
Type	1/8" stereo jack
Input Sensitivity	500 mVrms/20 kohms

Outputs

LINE	
Type	1/8" stereo jack
Standard Level	1.0 Vrms/10 kohms
Headphone	
Type	1/8" stereo jack
Standard Level	16 mW/16 ohms
Speaker	
Standard Level	150 mW/8 ohms

General

Power Consumption	
Recording/Playback	1.5 W (DC)
Battery Life (Alkaline)	5 hours (Typical)
Phantom Power	5V, 1mA (Max.)
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	62 mm (2.5")
Height	102 mm (4")
Depth	25 mm (1")
Weight (Excluding Batteries)	110 g (4 oz)

Included Accessories

Audio Cable
USB Cable
AC Adapter
User Guide
CD-ROM
Handy Strap
Customer Registration Document (U.S. Only)
Tripod/Belt Clip Adapter
SD Card

* Specifications are subject to change without notice.

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1 2 3 4 5 6 7 8 9
min | max
LEVEL