



PMD661 MKIII

HANDHELD SOLID-STATE
RECORDER WITH FILE ENCRYPTION

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Handheld Solid-State Recorder with File Encryption

The PMD-661 MKIII is a 2-channel handheld solid-state audio recorder. With its uncompromisingly high performance and rugged build quality, the PMD-661 MKIII gives news journalists, court/municipal reporters, public safety personnel, investigators and researchers a professional device that produces accurate, detailed in-field recordings. Plus, its file-encryption function offers the maximum security for sensitive information. It's ideal for situations where no-compromise audio data capture is required, but bulky equipment and separate microphones are not possible or appropriate.

The hardware feature set includes an integrated high-quality stereo condenser microphone array for 'point and shoot' operation, switchable balanced mic/XLR line inputs, as well as unbalanced line outputs on RCA connectors and a secondary unbalanced line input via a 3.5mm mini jack connector. In addition, the PMD661MKIII includes an external, omni-directional boundary microphone, perfect for meeting capture at a boardroom table. The PMD661MKIII also includes a rugged and practical carrying case to protect the recorder.

Measuring just 165 x 93 x 36 mm (6.5" x 3.7" x 1.4") with a highly visible 128 x 64 dot matrix OLED (organic LED) display the PMD-661 MKIII ensures ease of use wherever recording, playback or setup may be taking place. A high-resolution 96kHz / 24-bit recording option means quality is never an issue when recording to the supplied SD flash card. Compatibility with SDHC media allows cards up to 32 GB in size. In addition, the new built in 'SD Card Check' makes it easy and convenient to insert any SD card and check compatibility. High capacity media storage is matched by six hours of recording time from four AA Alkaline / Ni-MH batteries. Drag and drop file transfer is supported via the USB port.

Furthermore, the 'Retake' feature allows a simple button press to take you back through the previously recorded audio and create a drop-in point to overdub. This enables easy re-recording part way through unwanted takes, ideal for dictation and electronic note gathering applications.

The PMD661 MKIII comes standard with password protection and file encryption that work hand in hand to keep recordings safe from unauthorized access. MP3 files can be encrypted to .MPS files and WAV files encrypted to .WAS files. Both MPS and WAS files utilise a 4-digit password protection feature so that only those with the 4-digit key can open and play the files.

Applications include (but are not limited to) broadcast, electronic news gathering/journalism, DSLR video, sound effects capture, law enforcement, municipal & court recording, government & surveillance, musicians, dictation for law, medical, education and meeting recording.

Features

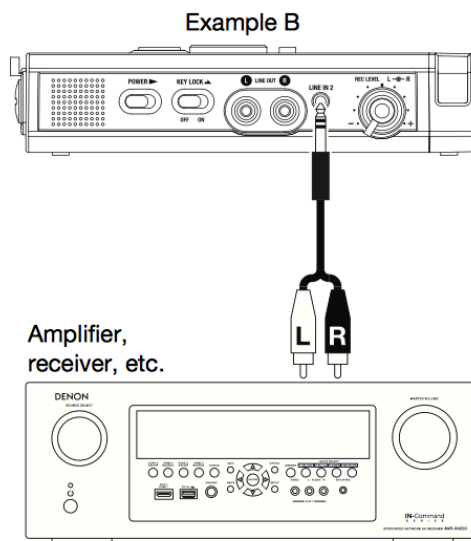
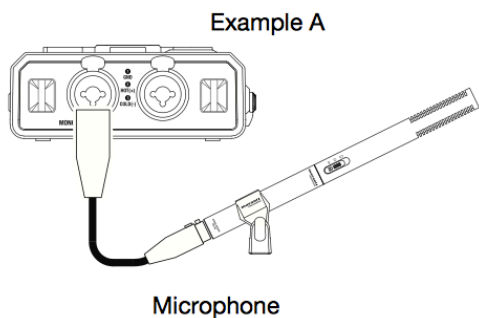
- Built-in studio-grade stereo condenser microphone array
- Password-protected file encryption
- WAV recording at 44.1/48/96kHz, 16/24-bit
- MP3 recording at six selectable recording bit rates from 32 to 320 kbps
- Record directly to stable and reliable SD/SDHC flash media
- (2) Balanced XLR Mic inputs with +48V phantom power
- Dictation Functions including Pitch control and Skip Back
- Card check compatibility feature
- Passcode protection for the device
- Linear style Retake record function
- Large OLED (organic LED) Display
- Built-in playback speaker and headphone jack
- Runs on AC power or 4 x AA Batteries
- Up to 6 hours of continuous recording time from a set of batteries
- Includes omni-directional boundary microphone and convenient carrying case

Box Contents

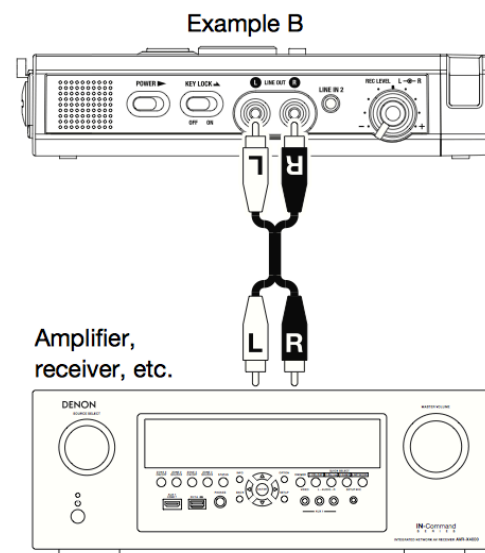
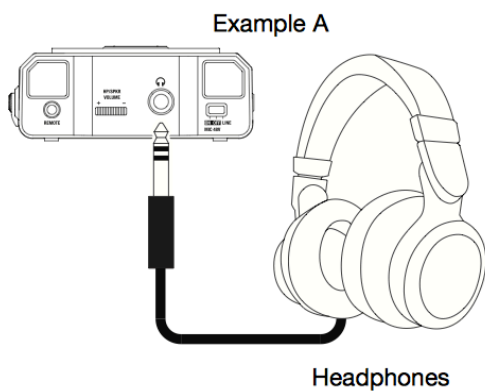
- PMD661 MKIII
- Power adapter
- SD Card
- Boundary Microphone (mini-XLR)
- XLR-to-Mini-XLR Cable
- RCA-to-1/8" (3.5 mm) Audio Cable
- USB Cable
- Carrying Case

- Quickstart Guide
- Safety & Warranty Manual

Connectivity Guidelines | Recording



Connectivity Guidelines | Playback



Technical Specifications

Audio System	Solid-state recorder	
Media	Storage	SD or SDHC card
	Recording Formats	MP3 (MPEG Layer III compression; 320, 256, 192, 128, 64, or 32 kbps) WAV (16- or 24-bit linear PCM)

Sampling Rate	44.1, 48, or 96 KHz	
Channels	2 (stereo) or 1 (mono)	
Frequency Response	20 Hz – 24 kHz (+1 dB)	
Signal-to-Noise Ratio	65 dB (Mic); 85 dB (Line); IEC-A-weighted	
THD (@ 0 VU)	0.08% (Mic); 0.02% (Line)	
Dynamic Range	85 dB	
Inputs	Microphone (XLR)	Sensitivity: 1.2 mVrms / 4.2 K Ω
	Line (1/4" / 6.35 mm)	Sensitivity: 0 dbu / 4.2 K Ω
	Line 2 (1/8" / 3.5 mm)	Sensitivity: 500 mVrms / 20 K Ω
Outputs	Line (RCA stereo)	Standard Level: 2.0 V / 10 K Ω
	Headphone (1/4" / 6.35 mm)	Standard Level: 16 mW / 32 Ω
	Speaker (internal)	Standard Level: 450 mW / 8 Ω
Power	Power Adapter	5 V DC, 1.5 A, center-positive
	Batteries	(4) AA batteries; approx. 7 hours of battery life
	Phantom Power	+48 V, 10 mA (maximum)
	Consumption	4.2 W (DC, recording & playback)
Environmental Conditions	Operating Temperature	32–104°F / 0–40°C
	Storage Temperature	-4–158°F / -20–70°C
	Operating Humidity	30–80%
Dimensions (width x depth x height)	4.1" x 1.6" x 6.7"	
	105 x 40 x 170 mm	
Weight (without batteries)	12.5 oz.	
	353 g	

User Summary & Target Demographics

The primary target market for the Marantz Professional PMD-661 MKIII consists of news journalists, court/municipal reporters, public safety personnel, investigators and researchers who require a compact handheld audio recorder with uncompromisingly high performance that produces accurate, detailed in-field recordings - plus, its file-encryption function offers the maximum security for sensitive information. This target market will also appreciate the included omnidirectional boundary microphone—perfect for recording meetings and seminars—and large front panel 128 x 64 OLED display that conveys all the essential use and status information to the user at a glance. With functionality for 24-bit/96kHz recording capability, selectable 44.1/48/96kHz sampling rates, compatibility with SD/SDHC flash media, and a built-in studio-grade stereo condenser microphone array, the PMD-661 MKIII provides a versatile platform for varying usage scenarios whilst providing premium, pro-grade audio capture.