

Handheld

# PMD661 MKII

## Professional Handheld Solid State Audio Recorder



**Introducing the Marantz Professional PMD661 MKII; a new and improved, highly robust, versatile, professional handheld PCM / MP3 recorder.**

The PMD661 MKII sports a refined professional broadcast feature set, maintaining the improved top fascia layout with fewer buttons and more highly developed use of multi-functional operation previously seen in the original PMD661. Measuring just 165 x 93 x 36 mm (6.5" x 3.7" x 1.4"), and combined with the improved control layout it ensures comprehensive single handed operation. The feature set includes an integrated high quality stereo condenser microphone array for 'point and shoot' operation, and a highly visible 128 x 64 dots matrix OLED (organic LED) display.

The PMD661 MKII features balanced mic and balanced line XLR inputs, as well as unbalanced line outs on RCA connectors and a secondary unbalanced line in on 3.5 mm mini jack connector. Also included is a high resolution 24-bit / 96 kHz recording option (PCM). The PMD661 MKII utilises SD flash media, the most widely available and fastest developing flash memory format. Compatibility with SDHC media means that cards currently up to 32 GB in size can be used. High capacity media storage is matched by five hours recording time from four AA Alkaline / Ni-MH batteries. Drag and drop file transfer is supported via the USB port.

Feature improvements over the original PMD661 include new built in 'SD Card Check' so it is easy and convenient to insert any SD card and check compatibility before investing in multiple cards that may not match the high performance of the PMD661 MKII.

Journalists on the move, up against tight deadlines will make use of the new 'Retake' feature which allows a simple button press to take you back though the previously recorded audio to edit the record start point. This enables easy re-recording over unwanted takes and offers a solution for quick editing on the move without the need to edit on a computer.

New security features have also been added into the MKII with Password Protection and File encryption ability that work hand in hand to keep recordings safe from unauthorised access. MP3 files can be encrypted to .MPS files and WAV files encrypted to .WAS files which utilise the 4 digit password protection feature so that only those with the 4 digit password can open and play the files either on the player or in the new updated PMD Marker Editor software, included in the box.

### Features

- Record directly to SD cards - SD/SDHC compatible
- Handheld Size - 165x93x36mm
- NEW!** • Card check compatibility feature
- NEW!** • Passcode protection for the device
- NEW!** • Password protected file encryption
- NEW!** • Linear style Retake record function
- Large OLED (organic LED) Display
- MP3, WAV(BWF), format compatible
- 16/24 Bit linear quantization
- 44.1/48/ 96kHz sample rate selection (96kHz only for PCM)
- MP3 Bit Rate - 64 - 320kbps Stereo
- Balanced XLR Mic input
- 48V phantom power
- Balanced XLR Line Input, Unbalanced line in and out, Digital Input (SPDIF) USB 2.0 for fast file transfer
- 4 x AA Batteries, providing six hours recording (w/Alkaline 1450mAh batteries)
- Dictation Functions including Pitch control and Skip Back
- Includes DMP Editor software for advanced features and functionality

### Applications

- Broadcast and Journalism
- Law Enforcement
- Municipal and Court Recording
- Government and Surveillance
- Musicians
- Dictation for Law, Medical, Education
- Meeting Recording

New PMD Marker Editor: Marantz Professional has once again bundled it's Marker Editor software free in the box. PMD Mark Editor allows the marker points made on the recorded file to be adjusted post-recording, and a new file created, meaning basic editing can be carried out on any handy PC or laptop, and files posted for immediate distribution - plus the new 4 digit password security update.



# 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        |
| <b>Recording MP3 bit-rate</b> |                             |
| Stereo                        | 320/256/192/128/64 kbps     |
| Mono                          | 96/64/32 kbps               |
| Sample rate                   | 44.1/48/96 kHz              |
| Number of channels            | 2 (Stereo)/1 (Mono)         |

## Audio Performance

|   |                       |
|---|-----------------------|
| Frequency response                      | 20 Hz - 20 kHz (±1dB) |
| <b>S/N ratio IEC-A weighted</b>         |                       |
| MIC                                     | 65 dB                 |
| LINE                                    | 85 dB                 |
| <b>Total harmonic distortion at 0VU</b> |                       |
| MIC                                     | 0.08%                 |
| LINE                                    | 0.02%                 |
| Dynamic range                           | 85 dB                 |

## Inputs

|                     |                     |
|---------------------|---------------------|
| <b>External MIC</b> |                     |
| Type                | XLR stereo jack     |
| Input sensitivity   | 1.2 mVrms/4.2 kohms |
| <b>LINE</b>         |                     |
| Type                | XLR stereo jack     |
| Input sensitivity   | 0dBu/4.2 kohms      |
| <b>LINE 2</b>       |                     |
| Type                | 1/8" stereo jack    |
| Input sensitivity   | 500 mVrms/20 kohms  |

## Outputs

|                  |                  |
|------------------|------------------|
| <b>LINE</b>      |                  |
| Type             | RCA stereo jack  |
| Standard level   | 2.0 V/10 kohms   |
| <b>Headphone</b> |                  |
| Type             | 1/4" stereo jack |
| Standard level   | 16 mW/32 ohms    |
| <b>Speaker</b>   |                  |
| Standard level   | 450 mW/8 ohms    |

## General

|                          |                   |
|--------------------------|-------------------|
| <b>Power consumption</b> |                   |
| Recording/Playback       | 4.2 W (DC)        |
| Battery life (Alkaline)  | 5 hours (Typical) |
| Phantom power            | 48V, 10mA (Max.)  |

### Power

|                |   |
|----------------|---|
| AC Adapter     | DA620PMD (included)   |
| Batteries      | 4 x AA type alkaline dry cells or<br>4 x AA type Ni-MH 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                    | 93 mm (3.7")  |
| Height                   | 165 mm (6.5") |
| Depth                    | 36 mm (1.4")  |
| Weight (Excl. batteries) | 410g (14 oz)  |

## Included Accessories

- Audio cable (RCA - 1/8" stereo type)
- USB cable (Type mini-B - Type-A)
- AC adapter (DA620PMD)
- User guide
- CD-ROM
- Carry strap
- SD card

## Additional Images

