

PMD560

Pro-Installation Solid-state Recorder

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PROFESSIONAL



Product Overview:

For the past few years Marantz Professional's solid state recorders have been revolutionising the worlds of broadcasting, journalism, and portable recording. With no moving parts, solid state technology has made repair and maintenance practically a thing of the past. Now Marantz Professional brings the flexibility and reliability of this format to the installation market at an affordable price-with the PMD560. More and more, audio is being delivered online, through email, webcasts, and pod-casts. The equipment you install has to be capable of rendering your audio in the high-quality digital formats that end users want, need, and expect. The PMD560 is designed precisely for this purpose. Mounting into an economical 1U rack space, the PMD560 records audio directly to an inexpensive Compact Flash card. It can easily be configured to record mono or stereo in two of the most common data formats, PCM (uncompressed) and .mp3. If you use more than one format, the PMD560 offers three programmable presets for your favourite setups - press one key and the PMD560 is configured to your specifications. RS-232 is provided for machine control and automation, while editing and playlist creation can be done directly from the front panel. We've even included a USB connector on the front panel to facilitate transfer of sound files to your PC.

Key Features:

- Solid State Design
- No moving parts-no maintenance
- Records uncompressed 16-bit PCM .wav files at 44.1 kHz or 48 kHz
- Records mono .mp3 files at 64 kbps
- Records stereo .mp3 files at 128 kbps
- 3 Presets allow instant configuration of recording format
- Uses inexpensive, widely available Compact Flash media (CF)
- A 1 GB CF card can hold over 1 hour of uncompressed stereo
- A 1 GB CF card can hold over 17 hours (stereo) or 36 hours (mono) .mp3
- RCA line I/O
- "Copy Segment" cut-and-paste editing to a new sound file
- 99 "Virtual Tracks" for EDL-style editing
- Front Panel USB port for easy file transfer
- RS-232 port for automation and machine control

Applications:

- Education
- Info/Music playback
- Meeting recording
- Houses of Worship



MP3



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Further information:

Solid State Technology

By storing audio data on Compact Flash (CF) media cards all of the mechanical hassles of tape recorders are gone forever - as are the costs of servicing and maintaining them. Not only that, but CF storage allows you to choose different recording formats, and makes transferring audio files to computers as simple as sending an email.

Long Record Times

No more switching tapes! A single 1 GB flash card can hold up to 36 hours of uninterrupted audio (monaural .mp3 at 64 kbps). For music recording, the same size card can hold more than 17 hours high-quality compressed stereo (.mp3 at 128 kbps). If you need the unmatched quality of uncompressed audio, you can get about one and a half hours worth of 16-bit linear PCM audio at 44.1 kHz or 48 kHz on the same 1 GB card.

Editing and File Transfer

Using older technology, preparing your final product was an involved process, sometimes involving multiple steps of transfer and format conversion. With the PMD560, you record in the format you need, and moving that recording to a computer is easy. In some cases, it's as simple as pulling the CF card from the PMD560 and plugging it into the card reader on your computer. Alternatively, you can use the USB port on the front panel to transfer audio files to a PC. It's already in your format of choice, so once it's in your computer, it's ready to post to the web, burn to a CD, or edit in your favourite software package.

Exclusive-"Virtual Track" Mode

You can also make your edits and playlists on the PMD560. Marantz Professional's exclusive "Virtual Track" mode allows you to create up to 99 virtual tracks-internal playlists of audio segments. You simply tell the PMD560 what segments of a file to play, and in what order, and it does it-without altering the original file in any way, and without using up more card memory. Need to webcast part of a meeting to your sales team? Want to play a few interview segments during your presentation? What about podcasting the six best songs from the holiday concert? Editing is easy with virtual tracks.

Product Images:



Useful Links:

www.lexar.com

We recommend Lexar media for our compact flash card recorders.



www.solidstaterecording.com

Learn more about the entire Marantz Professional solid state recording process and product range here.

www.dm-pro.eu/pmd560

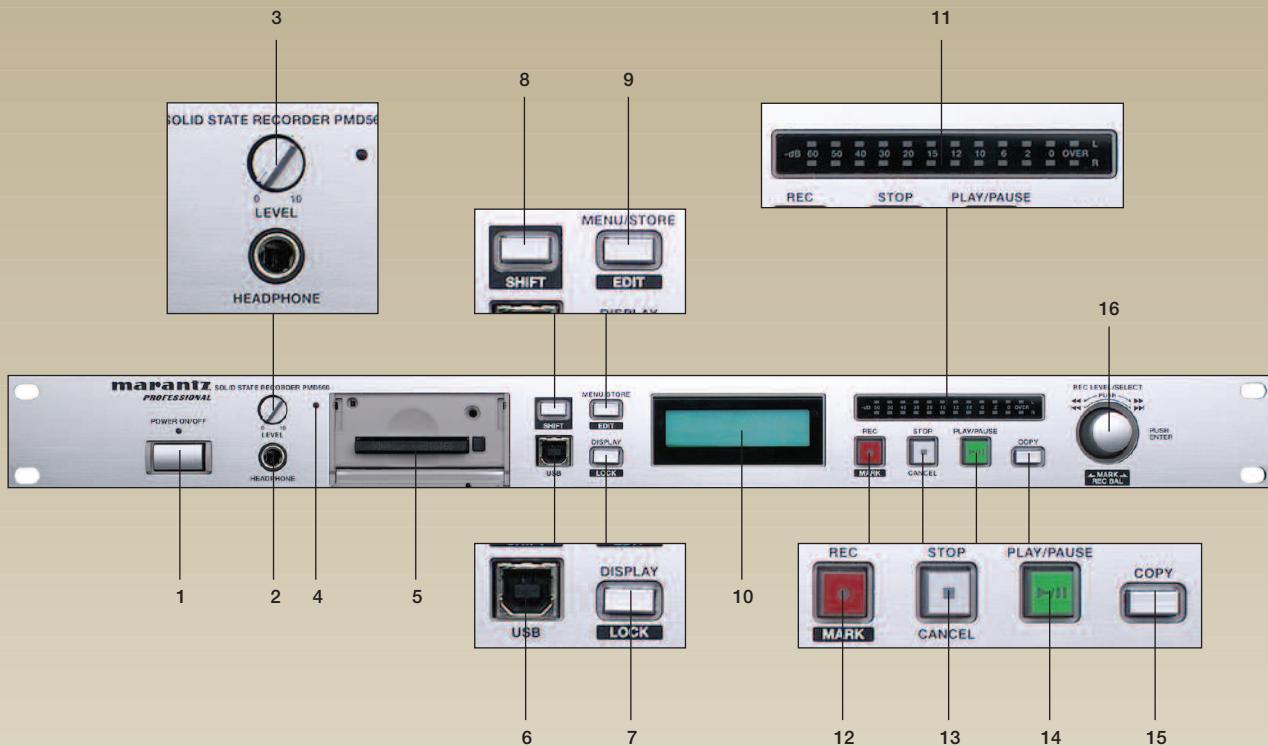
For further information on the PMD560, including user manual and high resolution images please check the relevant product page on our website.

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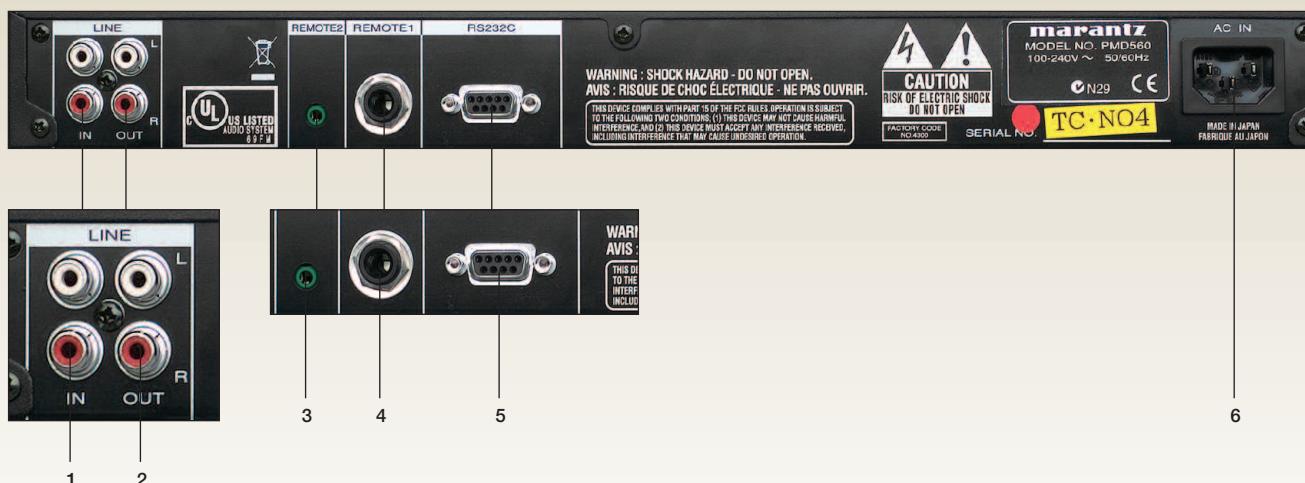
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Controls & Outputs:



Front side key:

- | | | | |
|--------------------------------|-------------------------|------------------------------|----------------------------|
| 1 Power switch | 5 CF card compartment | 9 Menu / Store / Edit button | 13 Stop / Cancel button |
| 2 Headphone jack | 6 USB port | 10 Display | 14 Play / Pause button |
| 3 Level control | 7 Display / Lock button | 11 Level meter | 15 Copy / V.TR Mode button |
| 4 CF card access light (green) | 8 Shift button | 12 Rec / Mark button | 16 Jog wheel |



Rear side key:

- | | | |
|------------------|-----------------|---------------------|
| 1 Line in (RCA) | 3 Remote 2 jack | 5 RS-232C connector |
| 2 Line out (RCA) | 4 Remote 1 jack | 6 AC IN jack |

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Specifications:

Dimensions

Width	482.6mm (19.0")
Height	52mm (2.0")
Depth	300.5mm (11.8")
Weight	3.0 kg (6.6 lbs.)

Power requirement

Europe model	AC 230/ 50Hz
Power consumption	12 W

Digital audio system

System	Solid State Recorder
Compatible media	CF memory cards/ Microdrive

Inputs / Outputs

LINE IN

Type	RCA jack
Input sensitivity	500 mVrms/22 kohms

LINE OUT

Type	RCA jack
Standard level	2 Vrms /300 ohms
Headphone output power	20 mW/ 32 ohms

Recording and media methods

mp3	MPEG1 Layer III compression
PCM	16 bit linear PCM

In the box:

- Power cable
- USB cable
- Phono cable (rca/cinch)
- Security screws (2)
- Plastic pin and retainer
- CD-ROM/user manual

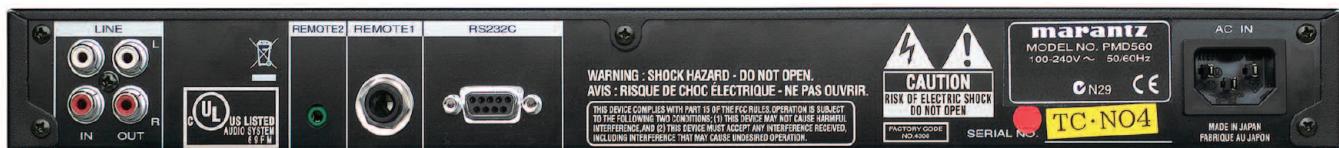
Accessories:



RC600 wired mic remote
to control critical
record/pause/mark
functions and view
recording status.



M570-WRC wired recording
controller providing
record/mark and stop
control, as well as visual
Record Ready indicator.



Dimensions & weight: (H x W x D): 17.75" x 14.5" x 3.625" (371mm x 451mm x 92mm) - 22lbs / 10kg, 1U