

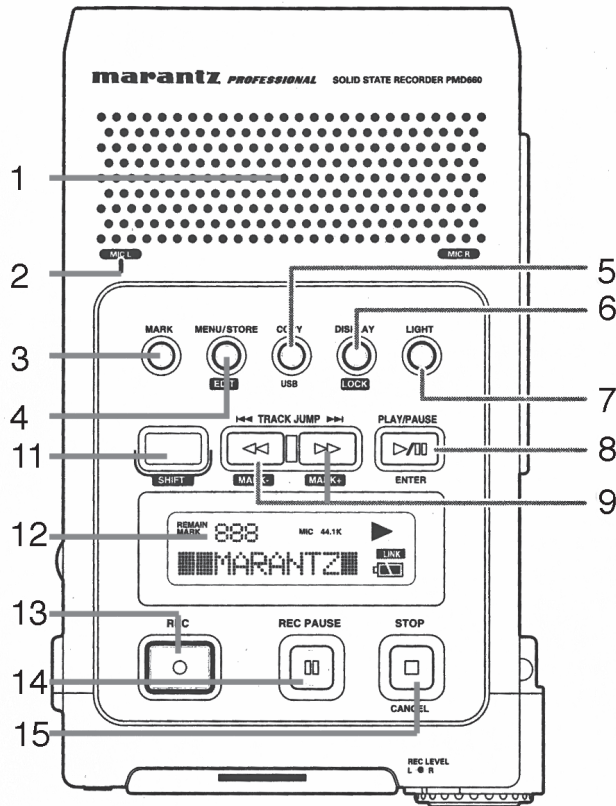
PARTS AND FUNCTIONS

1. SPEAKER

2. MIC (internal microphones)

3. MARK button

Push the MARK button to add an EDL Mark manually during pause, recording, or playback.



4. MENU / STORE / EDIT

Menu is accessed in stop-mode (when the audio is stopped) by pushing the MENU button. The MENU button will let you change recording and playback parameters, such as changing inputs.

-STORE Push the STORE button while in preset menu to write menu changes and return to stop mode.

-EDIT Accessed in stop-mode by pushing and holding down the SHIFT button, and then pushing the MENU/EDIT button. Edit will let you erase tracks and EDL marks.

5. COPY / USB

Push and hold the USB button while you turn on the POWER switch

6. DISPLAY / LOCK

7. LIGHT

Activates display light

8. PLAY / PAUSE / ENTER

9. TRACK SKIP

11. SHIFT Push and hold SHIFT button to activate other functions

12. DISPLAY Labels, icons, and alphanumeric messages on the display.

13. RECORD

14. REC PAUSE

15. STOP / CANCEL

16. LEVEL METER

17. REC INDICATOR

18. HEADPHONES JACK (output)

19. REC. LEVEL CONTROLS

20. CF CARD COMPARTMENT

20-a Card eject button

20-b CF card slot

20-c CF card door

21. HP / SPK VOL CONTROL

22. CARRY STRAP SHAFT

23. DC IN JACK

24. USB PORT

25. POWER

26. LINE IN (a) / OUT JACK (b)

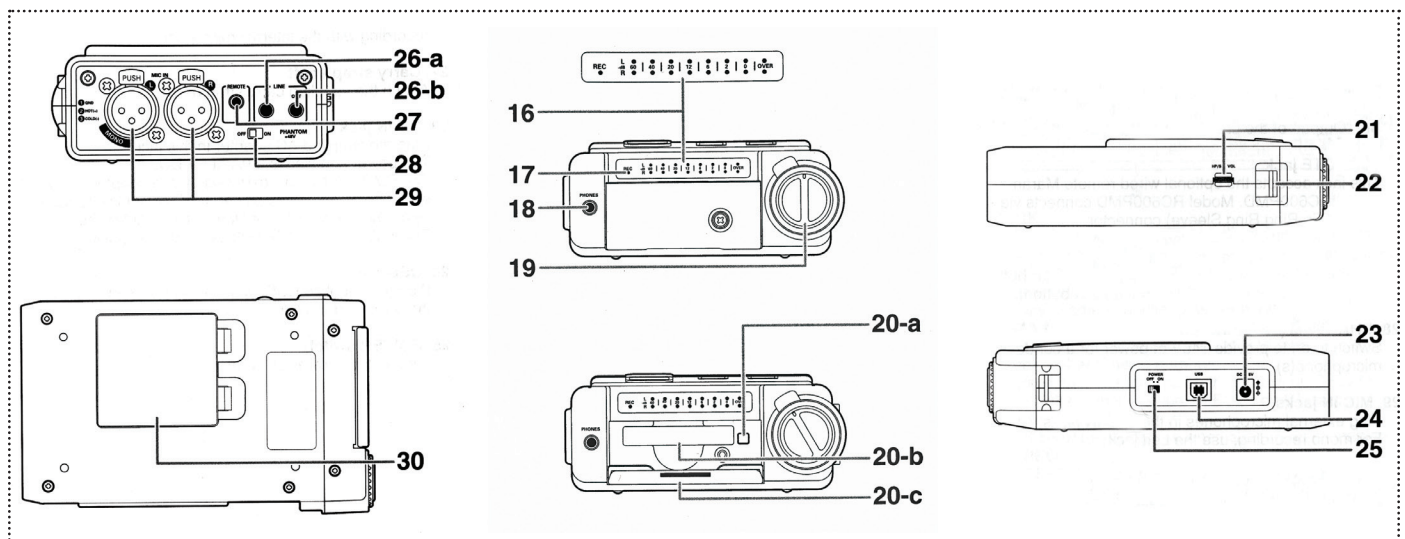
27. REMOTE JACK

28. PHANTOM POWER

Switch on to provide +48V of power for a condensor mic

29. MIC IN JACK

30. BATTERY COMPARTMENT



QUICK STEP REFERENCE

Plug recorder into wall and turn it on. Once it boots up press the menu/store button while holding down SHIFT.

Troubleshooting tip: If the screen does not come on, check your power source. If you are using batteries make sure they are in correctly and properly charged. Have extra batteries.

FORMATTING & ERASING TRACKS

Before recording you need to format the CF card. This will erase any previously recorded tracks and prepares it for use in the Marantz. (If the CF card is formatted other than FAT16 or FAT 32 please format in your computer).

1. Select the Format Edit menu choice. While in stop, push and hold the SHIFT button, then push MENU/STORE EDIT.
2. Push the TRACK JUMP buttons until "Format" appears.
3. Push ENTER twice (if you need to cancel, push CANCEL instead of ENTER.)

SETTING UP TO RECORD (EDITING PRESETS)

Press MENU to access the preset menu. Use the following steps to adjust individual parameters:

EDITING A PRESET

1. In the presets menu use TRACK JUMP to move between presets and hit ENTER to edit a selected preset.
2. Use TRACK JUMP to move between preset parameters in the preset, hit ENTER to select the parameter you want.
3. Use the TRACK JUMP buttons again to cycle through the options for the selected parameter, press ENTER to select the desired option.

Preset	Options	Add. Info
Input	Mic, Line, Int Mic	Select either line for a mixer, stereo for microphones, or mono left channel only.
Output	Line, SP/HP, SP/HP +LINE	SP/HP +LINE is recommended since if you plug in headphones/speakers, the internal speaker automatically turns off.
Rec Format	PCM 48k & 44.1k, MP3-48k & 44.1k	PCM 48k is highest, 44.1k is CD quality and will give you more recording time.
Rec Channel	Mono, Stereo	Mono recording will allow you to record twice as long
Prerecord	On/Off	This will record 2 seconds before you hit record, recommended On
Manual Track	On/Off	Will create a new track with each press of REC.
Auto Track	On/Off 1,5,10, etc.	Sets a new track to be made on time increments
Auto Mark	On/Off, dB level	Sets a new mark automatically when paused or silent during recording NOTE: dB levels for automark and silent skip are the same
Silent Skip	On/Off, dB level	Pauses Rec if silent for 3 seconds, keep this Off as it can ruin temporal placement
Level Control	ALC, Manual, ALC & Manual	Manual recommended
Meter Mode	Peak, Average	Average shows all meterings
Mic Attenuation	0dB, -20dB	Lets you reduce mic input sensitivity
Auto Power off	On/Off	Shut down after 15 mins of no activity

Battery	Ni-HM, Alkaline	If you plan on using regular batteries you need to select alkaline. If you plan on using rechargeable batteries select Nihm. IT WILL NOT WORK unless this is set properly. It is recommended to have extra batteries and know how to switch this function.
Beep	On/Off	Controls trigger noises
Machine Id	***	This will be added to the filename when saving
Defaults	OK?	Resets all presets to default settings

4. Once all parameters are set to your liking, press the MENU/STORE/EDIT button to save your changes into the current preset. This is very important! If you forget to store your changes, you will have to start all over again!

- i Note: The Marantz's at Media Loan comes with a 512mb flash card to record. Do NOT remove or replace the card. For approximate recording times, see chart below.

	MP3 128 kbps	PCM 44.1k Mono	PCM 44.1k Stereo	PCM 48k Stereo
512MB	8:52:00	1:36:00	0:48:00	0:44:00

Once out of MENU, you are able to record. If Manual Track is on, a new track is created every time you hit REC.

RECORDING

Once you have stored your settings (see previous section), you are now ready to set the input level(s). Connect your source (microphone), press REC PAUSE and set your input levels using the dial and meters on the front edge of the Marantz. Press REC to begin recording.

GETTING YOUR DATA

1. Turn off the Marantz and turn on the computer.
2. Connect the USB cable from the Marantz to your computer.
3. Connect the AC power adapter to the Marantz. You cannot copy files using battery power.
4. Press and hold the COPY button while turning the flash recorder on. Hold COPY until it boots up. The Marantz screen will display USB and you should see a drive on your desktop. Open it and only drag the audio files into your folder. Once you are done, format the CF card.

FOR MORE INFORMATION SEE www.d-mpro.com/users/getdownload.asp?DownloadID=293 OR ASK FOR MEDIA LOAN ASSISTANCE

PROFICIENCY QUESTIONS

WRITTEN TEST: ANSWER MAY BE FOUND IN THE MARANTZ PMD660 OPERATING GUIDE PUBLICATION ATTACHED TO THIS SHEET.

Complete this written portion on a separate sheet of paper before arriving for your operational proficiency. Good luck!

1. What is the point of formatting the recorder before you record audio?
2. What are the steps you take in order to format the recorder correctly?
3. How do you access the EDIT mode?
4. Why do you want to make sure to turn off the "silent skip" option?
5. Why is it not unnecessary to turn off the internal mic for input?
6. What are the steps you must follow in order to import your files onto a computer for editing?
7. If you are using alkaline batteries rather than rechargeable, what must you change on the recorder in order for the recorder to work?

OPERATIONAL PROFICIENCY

(TO BE DONE DURING YOUR SCHEDULED APPOINTMENT)

- A. Turn the recorder on.
- B. Format the recorder correctly and prepare for recording.
- C. Plug preferred mic to correct input. Select input setup from the menu.
- D. Record 30 seconds of audio.
- E. Connect headphones or speakers to line-out and playback your track.
- F. Add another track manually.
- G. Erase track.
- H. Connect USB from the recorder to a laptop provided by Media Loan.
- I. Show that you understand how to import your audio files from the recorder to the computer.