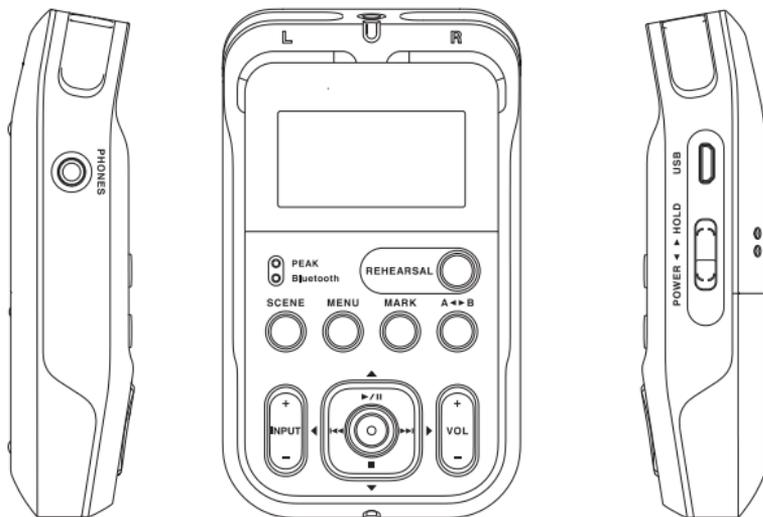


# Court Reporter Digital Recorder PMD620-3



High Resolution Audio Recorder

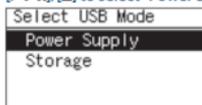
**Owner's Manual**

## Turning the Power On/Off

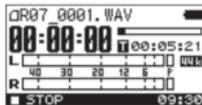
1. Slide the [POWER] switch toward POWER for several seconds; the power will turn on.



2. If the Select USB Mode screen appears, use  $\blacktriangleright$  /  $\blacksquare$  /  $\blacksquare$  to select "Power Supply;" and press  $\bullet$ .



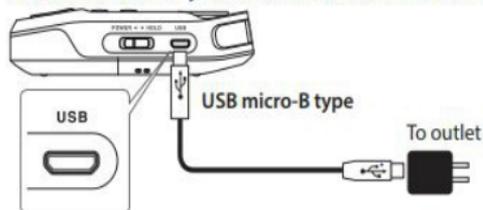
A screen like the following will appear in the display. We'll call this the "main screen."



3. To turn the power off, slide the [POWER] switch once again toward POWER for several seconds.

## Supplying Power from the USB Port

1. Connect a commercially-available USB AC adaptor and commercially-available USB cable to the PMD620



If batteries are installed, the power supplied from the USB port is used, and the batteries are not depleted.

### Built-in mics

This is a stereo mic built into the unit.

### Display

This shows various types of information for the pmd620-3.

### PEAK indicator

This will light when the input volume is excessive.

### [SCENE] button

This button lets you switch scenes (p. 12) that recall settings suitable for a specific recording situation.

Long-press this button to flip the display vertically.

### [MENU] button

This button lets you make various settings for the PMD620, such as recording/playback settings and specifying the date and time.

### Remote indicator

Operation	Status
Lit	Recording
Blinking (slow)	Record-standby
Blinking (fast)	Input overload

### [REHEARSAL] button

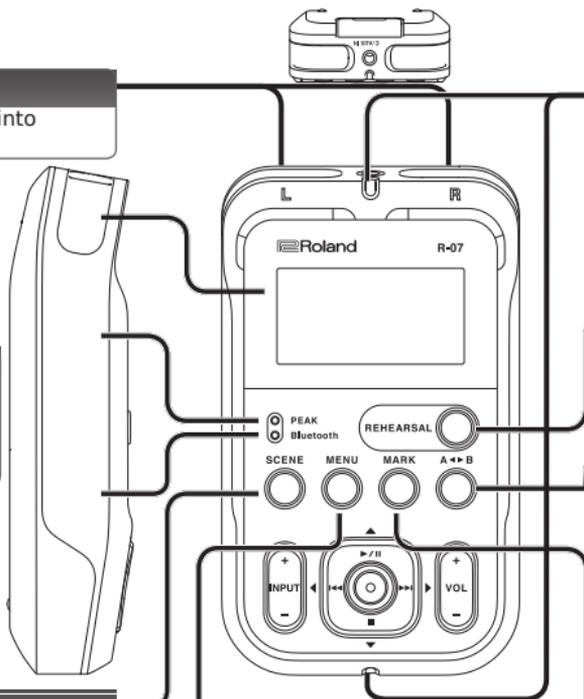
This button automatically sets the appropriate recording level.

### [A < B] button

This button lets you repeatedly play between two points (the A-B region) of a file. When you assign an "A" marker and "B" marker in the file, playback will repeat between the "A" and "B" markers. Pressing the button the first time assigns the "A" marker, and pressing it a second time assigns the "B" marker.

### [MARK] button

For a WAV file, you can press this button to add a mark at a desired location. If you mark is removed.



## Panel Descriptions

### ▶/⏸ button

Press this button to start playback, or to pause playback or recording.

This button also moves the cursor upward in the screen, or changes the value of the selected item.

### ⏮ button

Press this button to move to the beginning of the file, or to select the previous file. For a WAV file that contains marks, this button returns to the previous mark. By holding down this button, you can rewind through the file.

You can do this during playback or while stopped.

This button also moves the cursor to the left in the screen, or changes the value of the selected item.

### INPUT [+] [-] buttons

These buttons adjust the level of the audio that's being input via the built-in mics, the MIC/AUX IN jack.

Pressing [+] will increase the input level.  
Pressing [-] will decrease the input level.

### ⏹ button

This button stops playback or recording.

This button also moves the cursor downward in the screen, or changes the value of the selected item.

### ▶▶ button

Press this button to select the next file. For a WAV file that contains marks, this button advances to the next mark. By holding down this button, you can fast-forward through the file.

You can do this during playback or while stopped.

This button also moves the cursor to the right in the screen, or changes the value of the selected item.

### VOL [+] [-] buttons

These buttons adjust the volume that is output from the built-in speaker, the

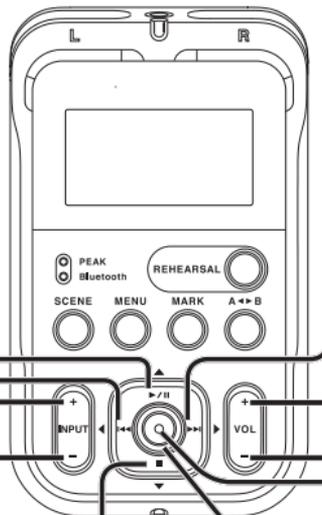
### ● button

Press this button to enter recording-standby mode or to begin recording.

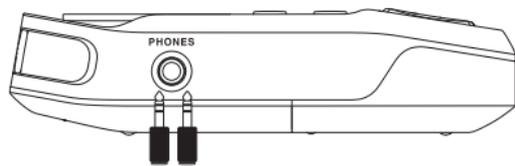
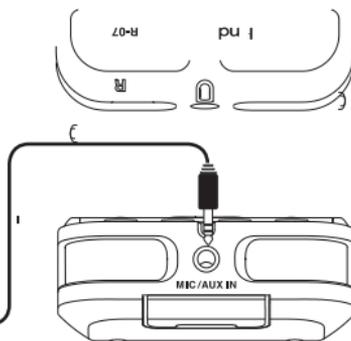
You'll also use this button to confirm a selection.

### REC/PLAY indicator

Operation	Status
Lit red	Recording
Blinking red	Record-standby
Lit green	Playing
Blinking green	Play-standby



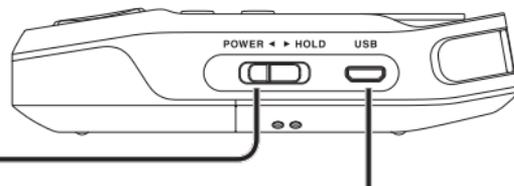
## Panel Descriptions



### [POWER] switch

Slide this switch toward POWER to turn the power on/off (p. 8). With the power turned on, you can set this switch to the right to enable the HOLD function

If you leave HOLD on, operation is disabled for all buttons, preventing unintended operation. Even if HOLD is on, you can still operate the PMD620 from a mobile device (p. 16).



### USB port

Use a commercially available USB cable to connect this to your computer. This allows files recorded on the PMD620 to be transferred to your computer, or WAV and MP3 files from your computer to be copied to the PMD620-3 for playback.

## Panel Descriptions

### microSD card slot

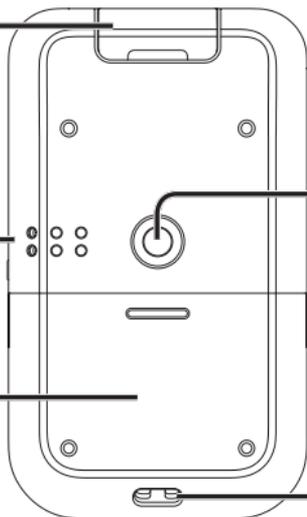
Insert the microSD card into this slot. When the pmd620 is shipped from the factory, a microSD card is inserted.

### Built-in speaker

This is the PMD620 internal speaker.

### Battery compartment

Install batteries here (p. 8).



### Tripod mounting socket

This socket lets you attach the PMD620 to a Tripod

### Strap hole

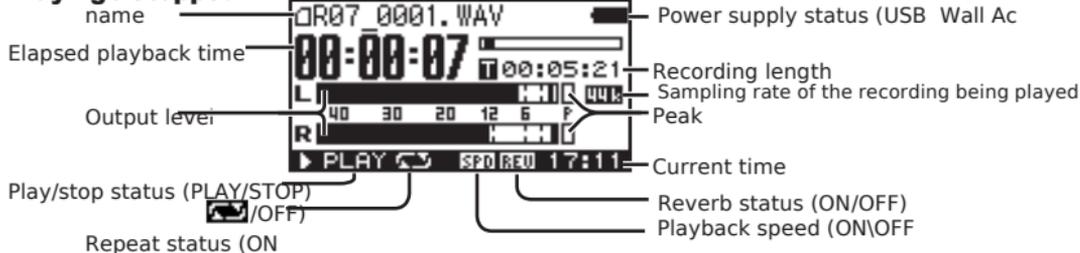
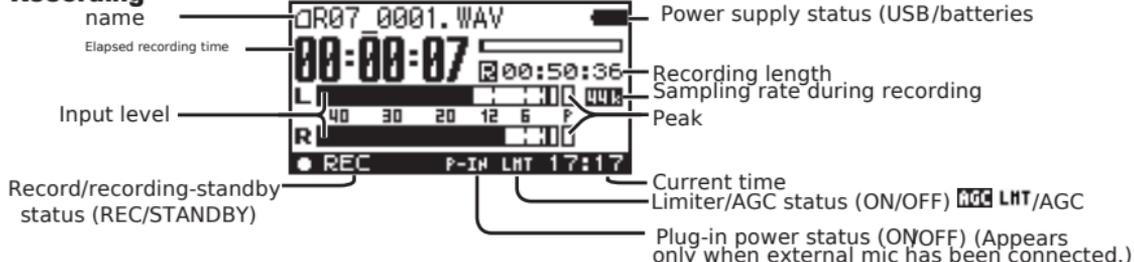
The strap can be passed through this hole.

### About microSD cards

Some memory card types or memory cards from some manufacturers may not record or play back properly on the unit.

## Main Screen

Here we'll explain the principal icons and information shown in the main screen.

**Playing / Stopped****Recording**

## 1. Turning the Power On/Off

### Types of batteries that can be used

- Alkaline battery (AA, LR6)
- Rechargeable Ni-MH battery (AA, HR6)

#### NOTE

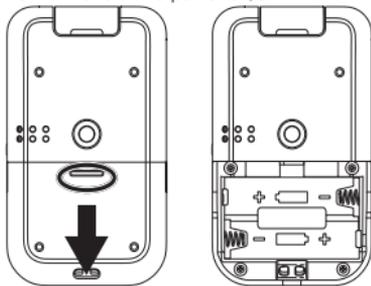
The PMD620 itself is not able to recharge rechargeable Ni-MH batteries. You'll need to use a battery charger designed for rechargeable Ni-MH batteries.

#### Make sure that the power is off.

- 1. Open the cover of the battery compartment located on the bottom of the unit.**

If the power is on, turn it off. Slide the PMD620 [POWER] switch toward POWER to turn the power on/off.

**2.**

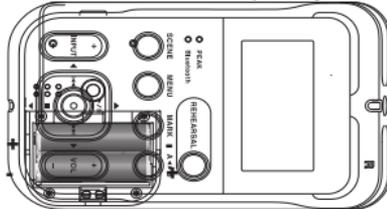


\*

Turn the PMD620 over, then slide the cover downward while pressing the area circled in the illustration.

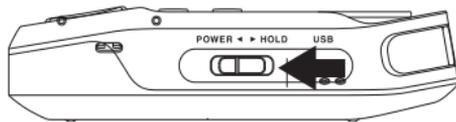
When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

- 3. Install two AA batteries in the compartment, making sure that the polarity (+/- orientation) is correct.**

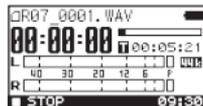


**seconds; the power will turn on.**

- 4. Slide the [POWER] switch toward POWER for several seconds.**  
**5. Close the cover of the battery compartment.**



When the power turns on, a screen like the following will appear in the display. We'll call this the "main screen."



- 6. To turn the power off, slide the [POWER] switch once again toward POWER for several seconds.**

## Note when using the PMD620 on batteries

- If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY").
- Do not mix fresh batteries with used batteries, and do not mix batteries of different types.
- If you won't be using the pmd620 for an extended period of time, we recommend that you remove the batteries to prevent them from leaking electrolyte.
- If electrolyte should leak from the batteries, use a soft cloth to wipe the battery compartment clean, and then install new batteries. Electrolyte that contacts your skin might cause irritation. Electrolyte that enters your eyes is dangerous; if this occurs, immediately flush your eyes thoroughly with water.
- Do not carry or store batteries together with metallic objects such as pens, necklaces, or hairpins.

## Power conservation function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function).

If you do not want the power to be turned off automatically, disengage the Auto Off function. For details, refer to the reference guide (PDF).

- Any settings that you are in the process of editing will be lost when the power is turned off. If you have any settings that you want to keep, you should save them beforehand. To restore power, turn the power on again (p. 8).

## Remaining battery indication

- When the remaining battery power runs low, a battery low icon  appears in the upper right of the display. When this appears, install fresh batteries as soon as possible. If you continue to use the unit in this state, the display will indicate "Battery Low," and finally the PMD620 will stop functioning entirely.

## Battery life (when using alkaline batteries)

**Continuous playback** approximately 15 hours

**Continuous recording** approximately 15 hours

- \* The above battery lifespans are approximate. Battery life will vary depending on environmental conditions and the method of use.

## 2. Specifying the Battery Type

1. Press [MENU] to access the "Menu" screen, use [▶/||/□] to select "Power Manage," and press [●].
2. Use [▶/||/□] to move the cursor to the Battery setting, and use [◀◀/▶▶] to specify the type of battery that you're using.
3. Press [MENU] twice to return to the main screen.



### 3. Setting the Date and Time

After you turn on the power for the first time, you'll need to set the internal clock as follows. The date and time you specify are used as the time stamp for the files that are recorded.

1. Press [MENU] to access the "Menu" screen, use [▶/||/■] to select "Date & Time," and press [●].

#### NOTE

- The internal clock is powered by batteries. If the PMD620 is left for several minutes with batteries removed, the internal clock will return to its default state. When you turn on the power in this state, the message "Clock Initialized" will appear.
- If the screen indicates "Clock Initialized," you'll need to reset the date and time.

2. Set the date and time.

Use [◀|/▶|] to move the cursor left/right.

When the cursor is at the position of the character you want to change, use [▶/||/■] to change the date and time, and press [●] to confirm the setting.



3. Press [MENU] to return to the main screen.

### 4. Using Headphones

The PMD620 has a built-in speaker. You can listen to the playback through this speaker, or you can connect headphones for listening.

- \* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

## 2. Specifying the Recording Quality

You can specify the audio quality with which the recording will be made.

The audio quality setting is a combination of the Sample Rate and the Rec Mode. The audio quality will affect the size of the file, and will also affect the length of time over which recording can take place with an microSD card.

Consider whether audio quality or length of recording are more important for your situation, and choose the quality that's appropriate for you.

1. In the "Scene" screen, use **[▶/||/■]** to move the cursor to the **Sample Rate** line, and use **[◀◀/▶▶]** to change the sample rate setting.

```
Scene: Music HiRes
Sample Rate: 96.0kHz
Rec Mode: WAV-24bit
Limiter: ON
Low Cut: OFF
```

<b>Sample Rate</b>	44.1 kHz, 48.0 kHz, 88.2 kHz, 96.0 kHz (default)
--------------------	--

- \* If this setting is 88.2 kHz or 96.0 kHz, the only choices for REC Mode are WAV-16 bit and WAV-24 bit.

2. Use **[▶/||/■]** to move the cursor to **Rec Mode**, and use **[◀◀/▶▶]** to change the Rec Mode setting.

```
Scene: Music HiRes
Sample Rate: 96.0kHz
Rec Mode: WAV-24bit
Limiter: ON
Low Cut: OFF
```

<b>Rec Mode</b>	2xWAV-16 bit, 2xWAV-24 bit, WAV+MP3, MP3-64 kbps, MP3-96 kbps, MP3-128 kbps, MP3-160 kbps, MP3-192 kbps, MP3-224 kbps, MP3-320 kbps, WAV-16 bit, WAV-24 bit (default)
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- \* 2xWAV-16 bit, 2xWAV-24 bit, MP3 and WAV+MP3 can be selected only if the Sample Rate is 44.1 kHz or 48.0 kHz.
- \* If you select WAV+MP3, the setting is fixed at WAV-16 bit and MP3-128 kbps.

3. Press **[SCENE]** to return to the main screen.

## 3. Adjusting the Input Level

Here we explain the procedure for using the rehearsal function.

### MEMO

on those settings.

- \* Although you can also make adjustments manually or by using IF LIMITER/AGC is set to AGC, the rehearsal screen is not shown.

```
Input
Low Cut Freq.: OFF
Rehearsal Time: 1min
```

## Recording

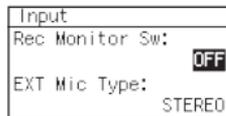
### 4. Point the mic toward the source you want to record, and press [REHEARSAL].

The recording level will automatically be set according to the loudest volume that occurs during the specified Rehearsal Time. At the same time, the unit will also perform a test to determine the appropriate sensitivity for the mic.



### NOTE

- Acoustic feedback might occur if you record while an external speaker is connected. Turning "Rec Monitor Sw" OFF prevents acoustic feedback.
- The built-in mics cannot be used if a mic or other device is connected to the MIC/AUX IN jack. If you want to use the built-in mics, do not connect anything to the MIC/AUX IN jack.
- You can't turn off the power during recording. You must stop recording before you can turn off the power.



### 3. Press [ ] to stop recording.

The REC/PLAY indicator will go out.

The display will show the file that was recorded.

### MEMO

- To pause, press [ >|| ]. To disengage pause and resume recording, press [ >|| ] once again.
- A file name such as \_0001.WAV will be created automatically. The 0001 portion is assigned as a number that is one greater than the largest number of the existing files.
- If the Recorder parameter File Name is set to "Date," the date and

## 4. Recording

### 1. Press [ ].

The REC/PLAY indicator blinks red; the PMD620 is in the record-standby state.

### 2. Press [ ] or [ >|| ].

The REC/PLAY indicator will light red, and recording will begin.

### MEMO

After recording starts, you can set the [POWER] switch to the HOLD position so that accidental button presses do not stop the recording or change the input level.

# Playback / Using the Recorded Data

## Playing Back Recordings with PMD620

- 1. Access the main screen.**
- 2. Use [◀◀]/[▶▶] to select the file that you want to play.**

### MEMO

If the display indicates "No Song\Recording," the current folder contains no files that the PMD620 can play back.

If the display indicates "No Card," no microSD card has been inserted.

- 3. Press [▶/||] to play the file.**

The REC/PLAY indicator will light green.

During playback, you can hold down [◀◀] to rewind, or [▶▶] to fast-forward. Normal playback will resume when you release the button.

### NOTE

For some types of microSD card, the data reading speed may not keep up when rewinding or fastforwarding during playback, causing the rewind or fast-forward operation to stop.

If this occurs, press [■] to stop playback. Then play back once again.

- 4. Use VOL [+] [-] to adjust the volume.**
- 5. Press [■] to stop playback.**

The REC/PLAY indicator will go out.