

Digital Piano Recorder PR-800

OWNER'S MANUAL

Introduction

Roland Recorder Plus PR-800 is a digital piano recorder designed to record the music played on the HP-300/400 (including the Damper Pedal information) with the operation nearly as simple as a tape recorder.

Using the Recorder Plus PR-800, even a four-handed performance or duet is made possible. Also, by saving the music data (which is recorded on the PR-800) onto a cassette tape, you can listen to the performance later on.

Please read this operation manual carefully.

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Important Notes

Location

- Operating the PR-800 near a neon or fluorescent lamp may cause noise interference. If so, change the angle of the PR-800.
- Avoid using the PR-800 in excessive heat or humidity or where it may be affected by direct sunlight or dust.

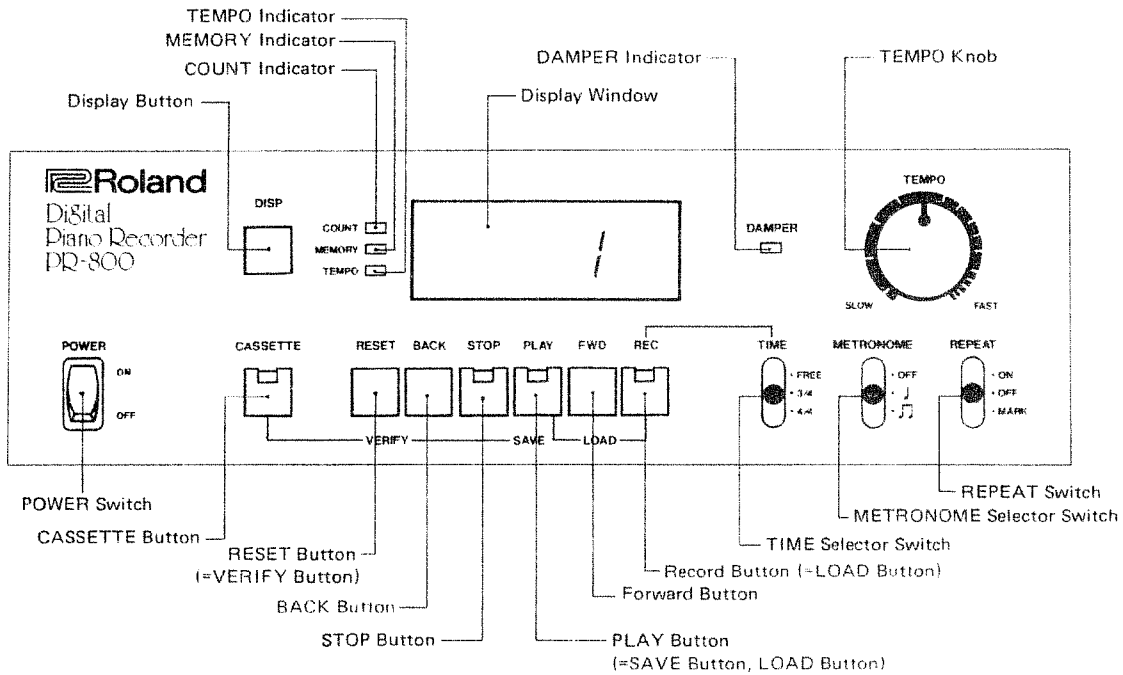
Power Supply

- The appropriate power supply for this instrument is shown on its name plate. Please be sure that the voltage system in your country meets this.
- This instrument might generate heat while operating, but there is no need to worry about it.

Cleaning

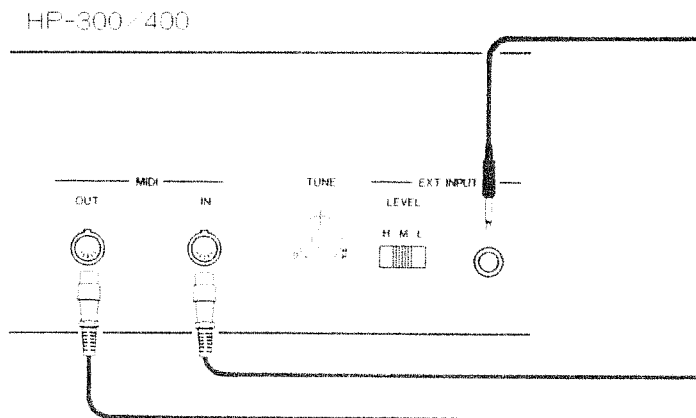
- Use a soft cloth and neutral detergent for cleaning.
- Do not use solvents such as paint thinner.

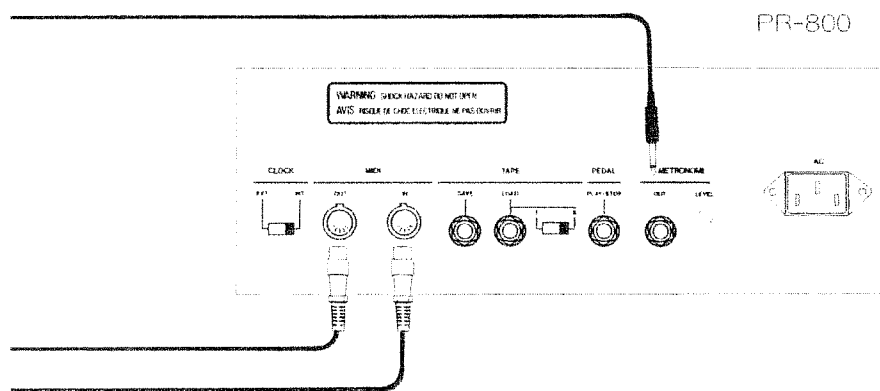
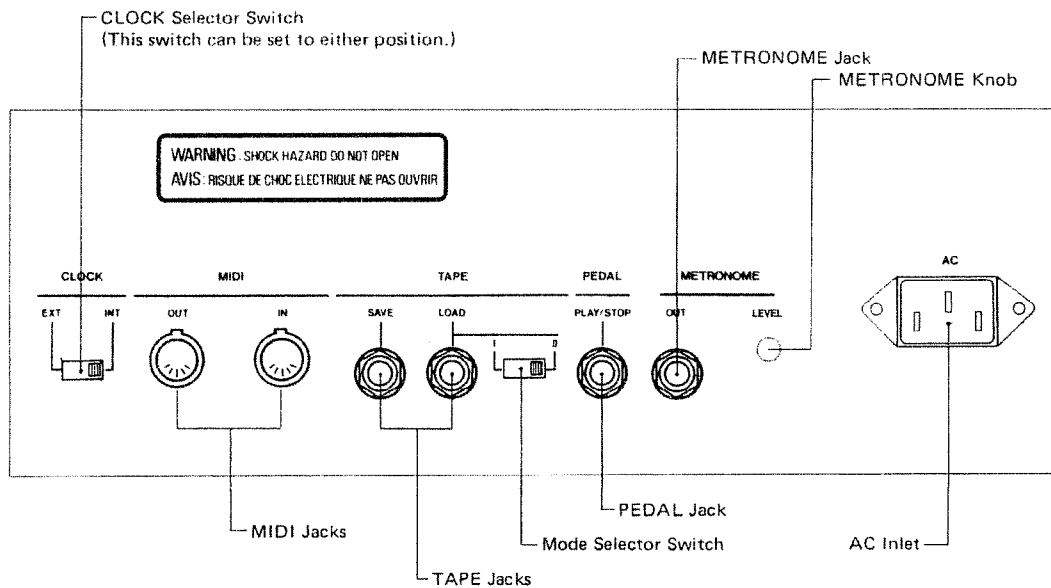
Panel Description



Connection

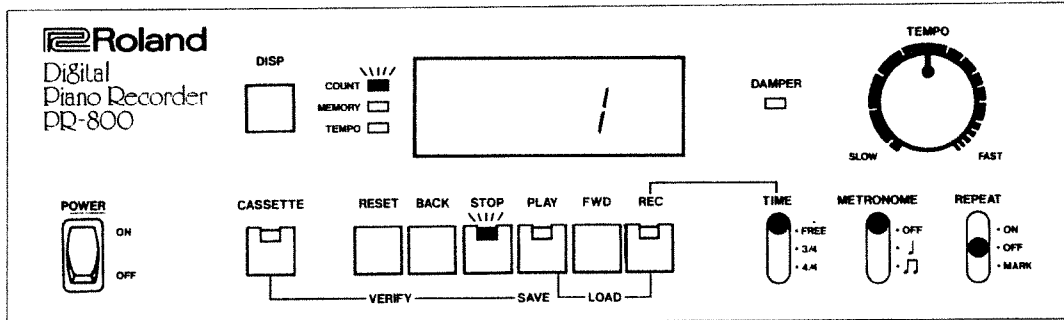
*You will not hear any sound from the HP-300/400 until the PR-800 is turned on.



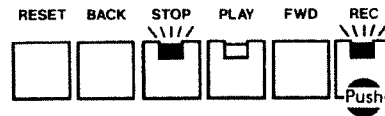


1 Recording Procedure

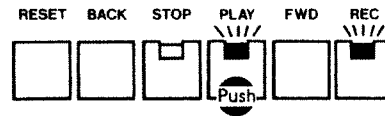
Set the Front Panel as shown below.



① Press the Record Button.

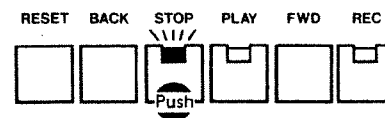


② Press the PLAY Button, then play the HP-300/400.



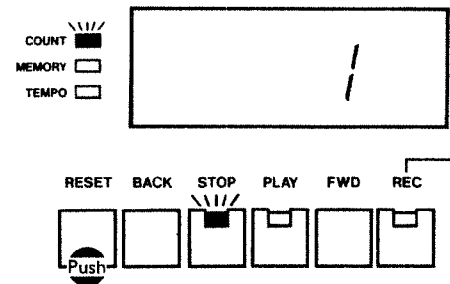
*The number on the Display Window serves just like the counter of a tape recorder.

③ When you have finished playing, press the STOP Button.



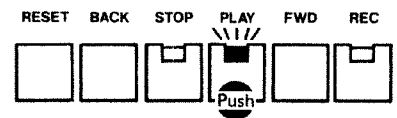
2 Play-back Procedure

① Press the RESET Button.

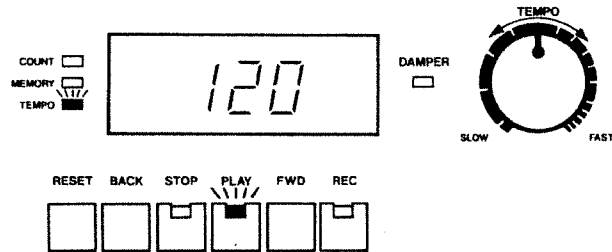


*When the Display Window shows "1", the music data is set to the beginning.

② Press the PLAY Button.



*Rotating the TEMPO Knob will change the play-back tempo of the music.



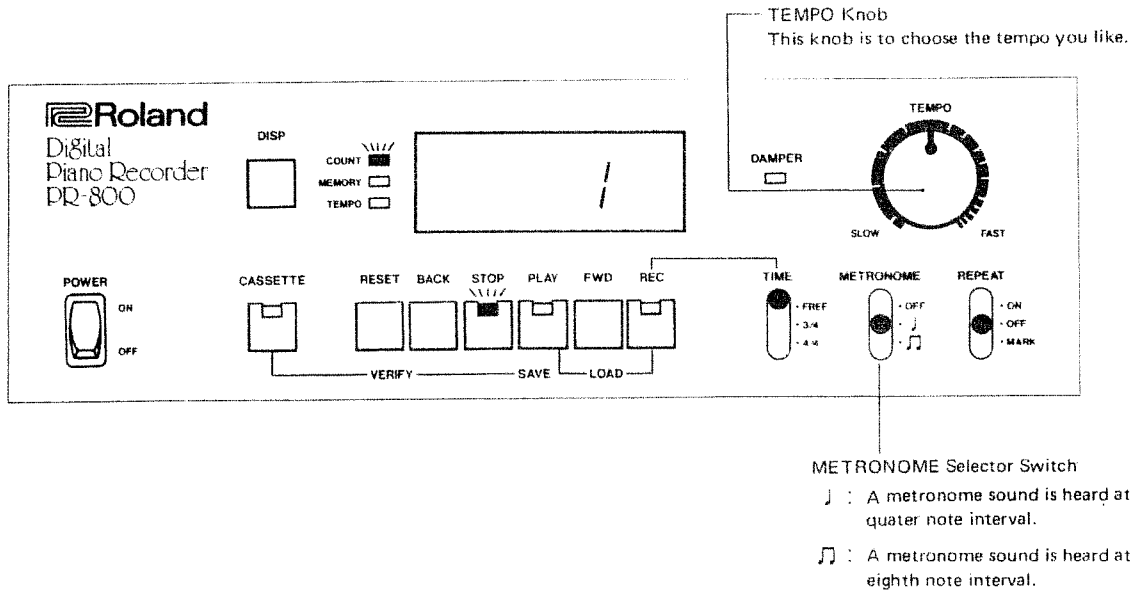
*If the music is played up to the end, the PR-800 will automatically stop.

*If you wish to play it again, or record new music data, press the RESET Button so that the Display Window will show "1".

*By using the Forward and Back Buttons, you can start the music data wherever you like. The Forward and Back Buttons on the PR-800 function like the Forward and Rewind buttons on a tape recorder.

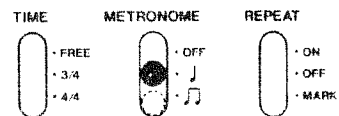
3 Along with the Metronome

Set the Front Panel as shown below.

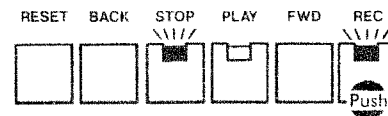


*If the number in the Display is not "1", press the RESET Button.

① Set the METRONOME Selector Switch to ♩ or ♪.

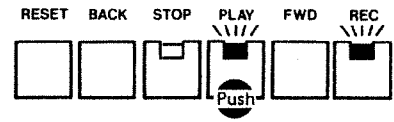


② Press the Record Button.



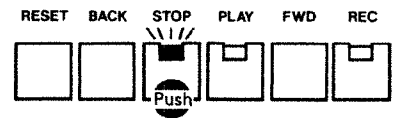
*The Metronome will start to sound. If it is too fast or slow, adjust the TEMPO Knob. The volume of the Metronome can be adjusted with the METRONOME Knob on the rear panel.

- ③ Press the PLAY Button and start playing the HP-300/400.



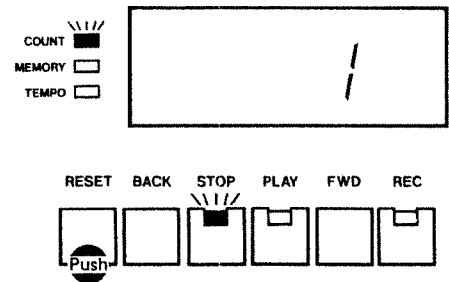
- *The number on the Display Window serves just like the counter of a tape recorder.
- *The moment the PLAY Button is pressed, the Metronome will start counting all over again.

- ④ If you finish playing, press the STOP Button.



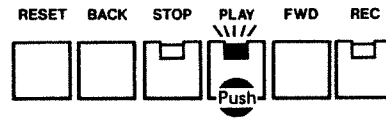
Play-back Procedure

- ① Press the RESET Button.



- *When the Display Window now shows "1", the music data is set to the beginning.

② Press the PLAY Button.



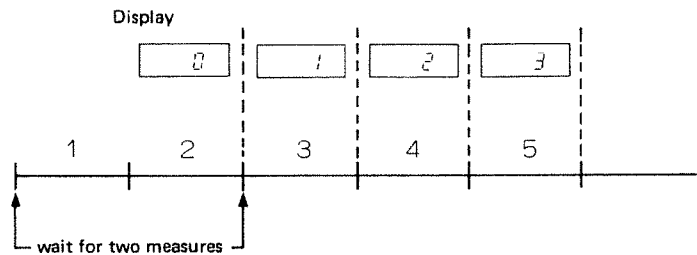
- * Rotating the TEMPO Knob will change the playing tempo of the music. By pressing the Display Button, the current tempo will be shown in the Display.
- * If you do not need Metronome sounds, set the METRONOME Selector Switch to OFF.



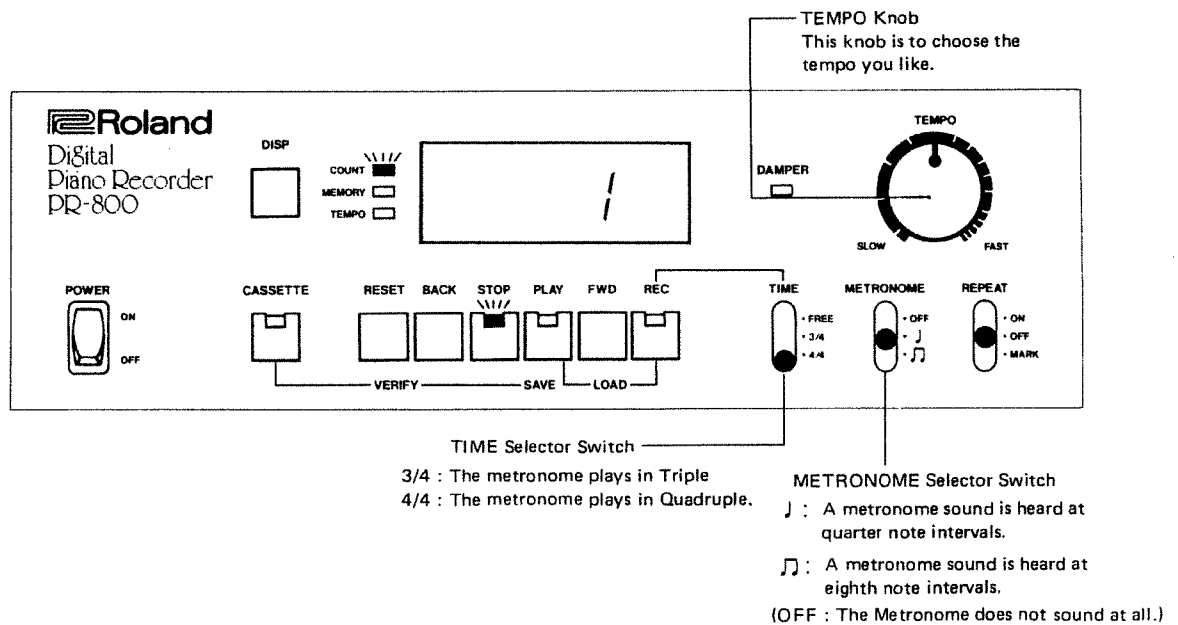
- * If the music data is played up to the end, the PR-800 will automatically stop. If you wish to play it again or record new music data, press the RESET Button so that the number in the Display will return to "1".
- * By using the Forward and Back Buttons, you can start the music data wherever you like. The Forward and Back Buttons on the PR-800 function like the Forward and Rewind buttons on a tape recorder.

4 4/4 and 3/4 times

Select the time you prefer (4/4 or 3/4) with the TIME Selector Switch. The Metronome sound will be the highest at the first step in each measure. Here, the Display shows the current measure. Also, the first and second measures of the Metronome sound are just to get used to the tempo, so please start recording after the two measure metronome sound.

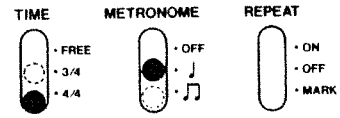


Set the Front Panel as shown below.

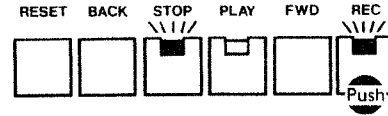


* If the Display shows a number other than "1", press the RESET Button.

- ① According to the music you are to record, set the TIME Selector Switch 4/4 or 3/4.



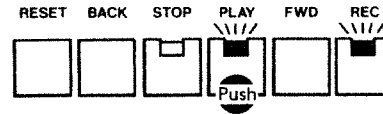
- ② Set the METRONOME Selector Switch to ♩ or ♪.



- ③ Press the Record Button.

* The Metronome will sound. If the tempo is too slow or fast, adjust it with the TEMPO Knob.

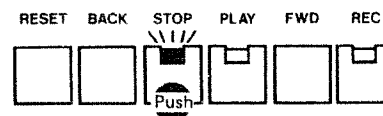
- ④ Press the PLAY Button and wait for two measures before starting to play.



* The moment the PLAY Button is pressed, the Metronome will start counting all over again.

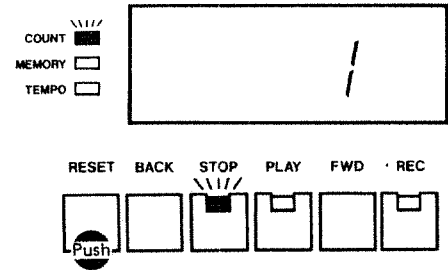
* Even after the PLAY Button is pressed, the Display remains showing "0" until the third measure (during the first two measures).

- ⑤ If you finish playing, press the STOP Button.



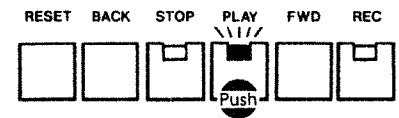
Play-back Procedure

- ① Press the RESET Button.

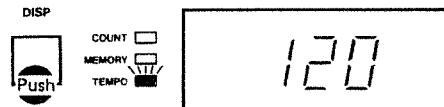


*The Display will show "1", and the music data returns right to the beginning.

- ② Press the PLAY Button.



*Rotating the TEMPO Knob will change the tempo. By pressing the Display Button, the current tempo will be shown in the Display Window.



*If the music data is played up to the end, the PR-800 will automatically stop. If you wish to play it again or record new music data, press the RESET Button so that the number in the Display will return to "1".

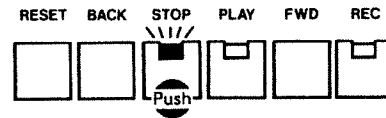
*By using the Forward and Back Buttons, you can start the music data wherever you like. The Forward and Back Buttons on the PR-800 function like the Forward and Rewind buttons on a tape recorder.

Correction

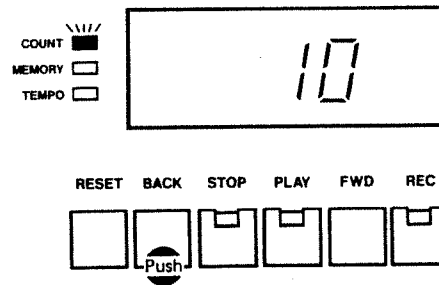
If the METRONOME Selector Switch is set to either 4/4 or 3/4, it is possible to resume recording where you made a mistake in playing the piano.

Example: If you make a mistake in the 10th measure

- ① Stop the PR-800.

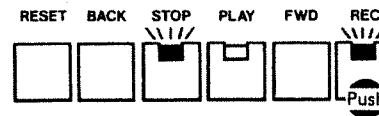


- ② Go to the 10th measure by pressing the Back and the STOP Buttons.

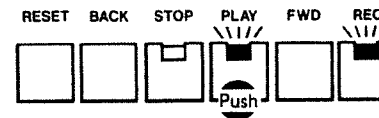


* If you have gone too far, use the Forward Button.

- ③ Press the Record Button.

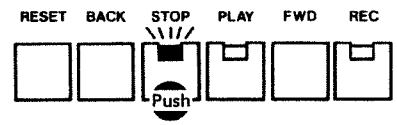


- ④ Press the PLAY Button.



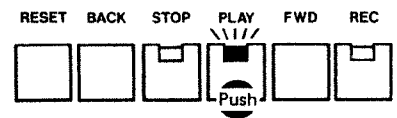
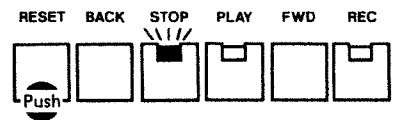
* Pressing the PLAY Button will play the data from two measures before (in this example 8th measure), but actual recording will begin from the 10th measure. This is useful for the player to get used to the tempo.

⑤ If you finish playing, press the STOP Button.



*By using the method above, it is possible to record one piece or phrase of music little by little.

If you wish to make sure that the recording is correctly done, press the RESET Button then the PLAY Button.

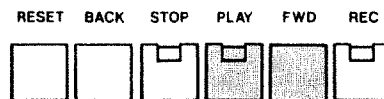


5 Others

1. Useful function in playing back

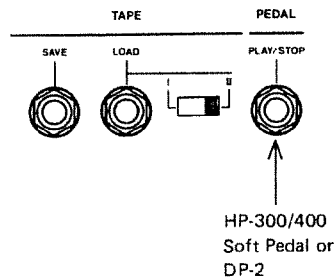
a) Forward Button

Pressing the PLAY and the Forward Buttons simultaneously will make playback tempo twice as fast. To return to normal tempo, simply press the PLAY Button again.



b) PEDAL Jack

By connecting the Soft Pedal of the HP-300/400 to the PEDAL Jack on the rear panel of the PR-800, you can start or stop the PR-800 by pressing or releasing the Pedal. Also, when recording, you only need to press the Record Button. (The optional DP-2 can also be used.)



c) Damper Indicator

Pressing the Damper Pedal of the HP-300/400 will light this Damper Indicator. (The PR-800 can record where the Damper Pedal is depressed.) If you are playing along with the PR-800, the Damper Pedal of the HP-300/400 will have the priority.

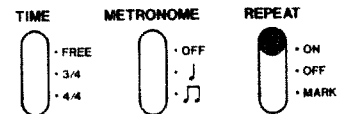


2. Repeat Function

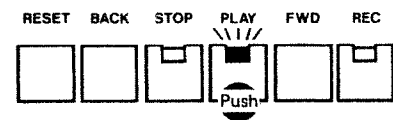
This Repeat function is provided for automatic repetition of play-back. You can repeat either the entire music piece or only one or two parts of the music data.

(1) If you wish to repeat the entire music piece

- ① Set the REPEAT Switch to the ON position.



- ② Press the PLAY Button.

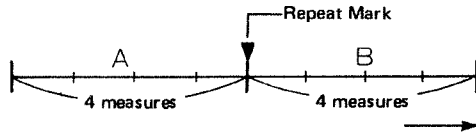


*At this stage, if you change the REPEAT Switch to the OFF position, the music data will be played only once.

(2) If you wish to repeat only one or two parts of the music data

This is only possible if you have recorded the music with the TIME Selector Switch set to 4/4 or 3/4. Write Repeat Mark by using the REPEAT Switch. It is possible to use two Repeat Marks at a time. "●" on the Display Window shows the position of the Repeat Mark. (→ P.23)

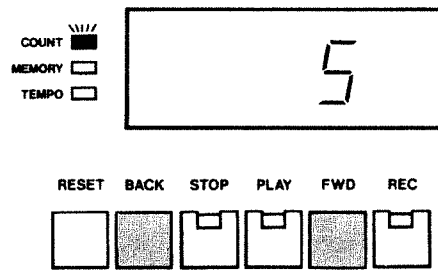
a) Writing only one Repeat Mark



① Turn the Display to the Measure count mode.

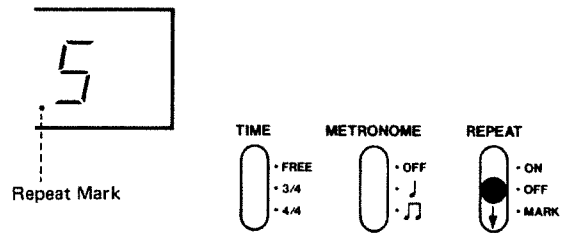


② By using the Forward or Back Button, go to the measure where you wish to write the Repeat Mark.



*If, for instance, you wish to repeat the measures 1 to 4, you should write the Repeat Mark at the fifth measure.

③ Push the REPEAT Switch towards "MARK" once.



* Pushing it downward again will erase the Repeat Mark.

Play-back Procedure

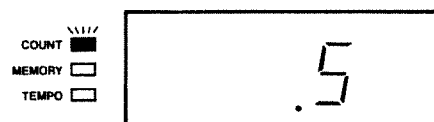
① To repeat A

Press the RESET Button to return to the first measure.



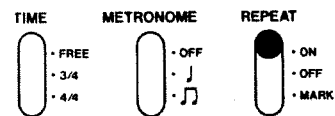
To repeat B

Press the RESET Button and go to the measure at which you have written the Repeat Mark.

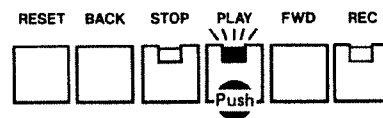


*Each time you press the RESET Button, the data moves as follows: "Repeat Mark → The beginning to the music data → The end of the music data".

② Set the REPEAT Switch to the ON position.

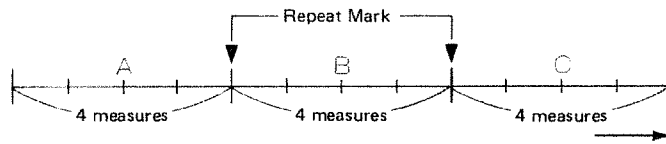


③ Press the PLAY Button.



*If you change the REPEAT Switch to the OFF position while A is playing back, it will stop repeating, and go on to the next section, B.
If changing while B is playing back, it will be played up to the end of B and stop.

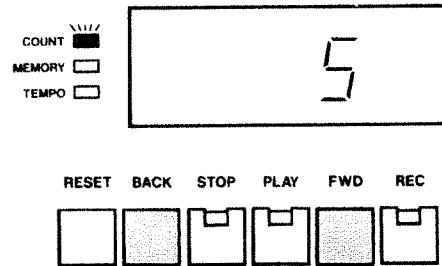
b) Writing two Repeat Marks



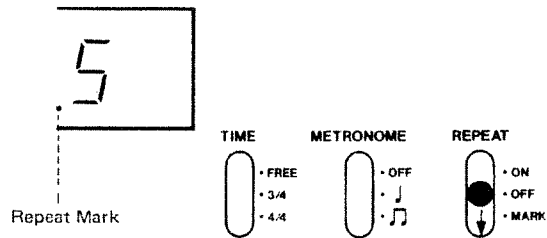
① Turn the Display to the Measure count mode.



② Using the Forward or Back Button, go to the measure where you wish to write the first Repeat Mark (MARK 1).

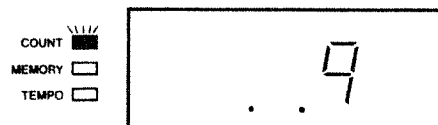


③ Push the REPEAT Switch towards "MARK" just once.



*Bending it downward once again will erase the Repeat Mark.

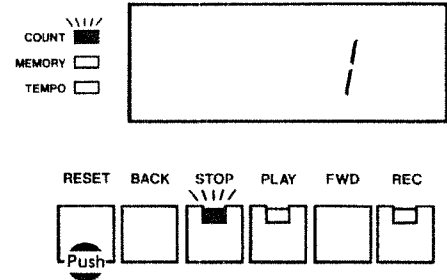
④ Likewise, write another Repeat Mark (MARK 2).



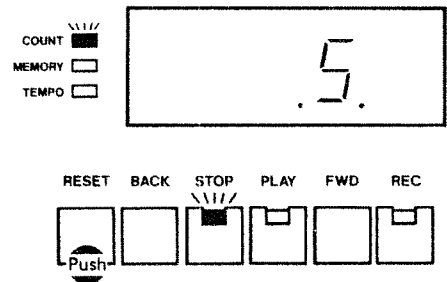
*If you wish to erase two Marks at a time, while bending the REPEAT Switch towards "MARK", press the RESET Button.

Play-back Procedure

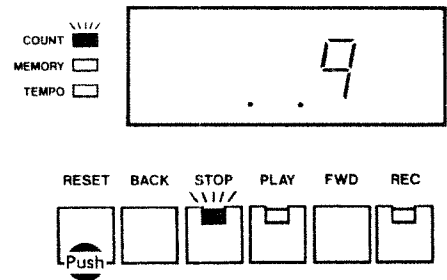
- ① To repeat A
 Press the RESET Button and return to the first measure.



- To repeat B
 Press the RESET Button and go to the measure at which you have written MARK 1.

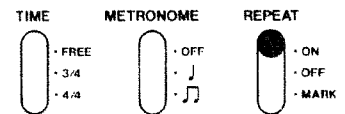


- To repeat C
 Press the RESET Button and get to the measure to which you have written MARK 2.

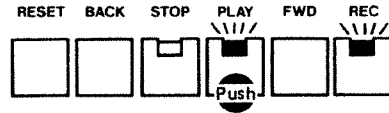


* Each time you press the RESET Button, the data moves as follows; "MARK 2 → MARK 1 → The beginning to the music data → The end of the music data".

- ② Set the REPEAT Switch to the ON position.

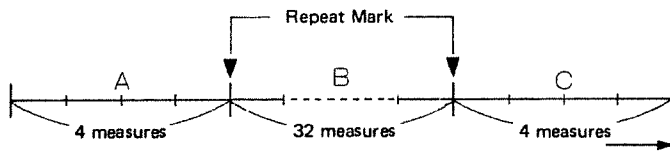


③ Press the PLAY Button.



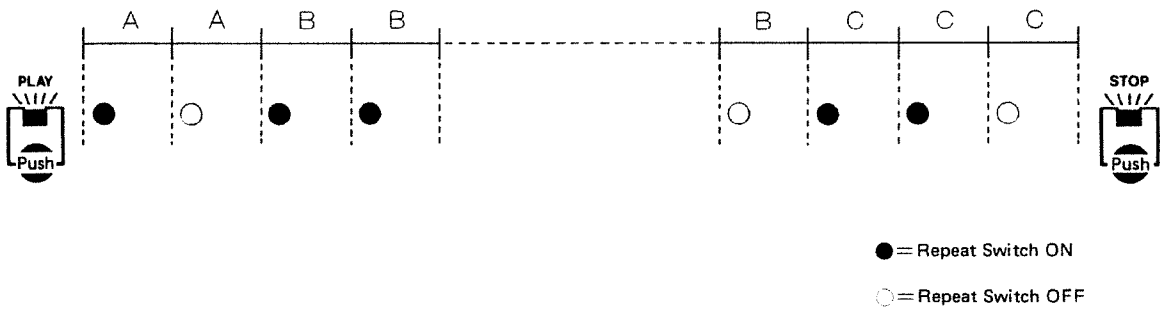
* If you change the REPEAT Switch to the OFF position while A (or B) is playing back, it will stop repeating, and go on to the next section.
 If changing while C is playing back, it will be played up to the end of C and stop.

c) Application



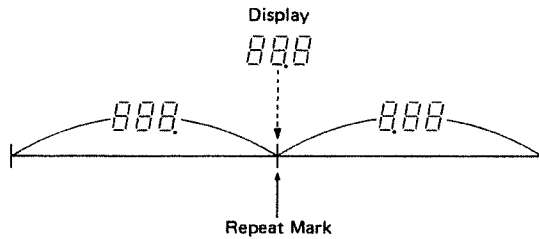
To play A → A → B → B → B → C → C → C

Press the PLAY Button, then while listening to the music data play-back, change the REPEAT Switch as shown below.

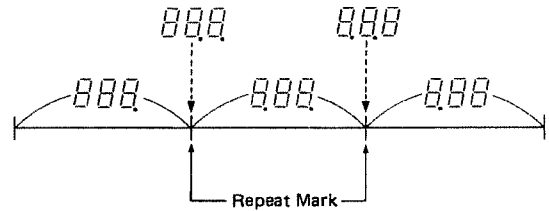


Repeat Mark Display

a) One Repeat Mark



E) Two Repeat Marks



3. Memory

The PR-800 features the Memory where the music played on the HP-300/400 is recorded. Memory capacity is, however, not limitless, so please check how much more data can be currently recorded by turning the Display to the Memory Display mode.

If, for instance, "85" is shown, 85% is left unconsumed. Also, if the MEMORY Indicator flashes during recording or on pressing the Record Button, please note that the remaining capacity is less than 5%.



A long piece of music naturally consumes more quantity of Memory, and also, a quick tempo piece with many short time values.

*When there is no Memory capacity left, the PR-800 will automatically stop recording.

6 Save, Verify and Load

Turning the PR-800 off will erase entire music data recorded in its Memory.

Save

You can save the data on a cassette tape and load it back to the PR-800 when needed later.

Verify

The Verify function is also provided to make sure the data has been correctly saved.

Load

By numbering each data (File Number) in saving, finding the saved data later in loading will be much quicker and easier.

*When the CASSETTE Button is depressed, the Control Buttons serve different functions.

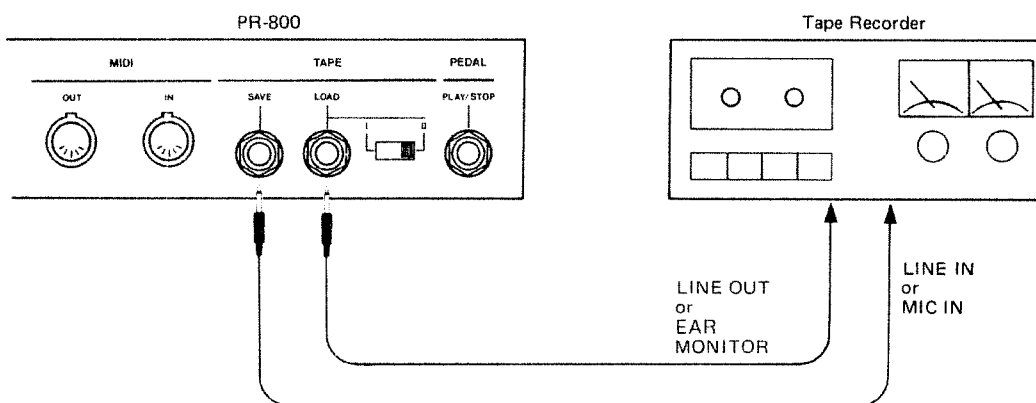
The RESET Button becomes "VERIFY".

The PLAY Button becomes "SAVE" or "LOAD".

The REC Button becomes another "LOAD" button.

If your tape recorder provides recording and play-back level control, it is essential to adjust them before saving, verifying or loading procedures. (Set both recording and play-back levels slightly higher than usual.)

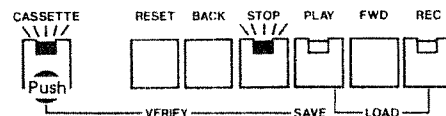
Connection



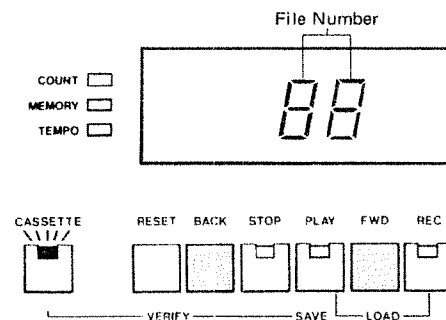
*While you are saving, verifying or loading, there is no sound heard from the HP-300/400.

1. Save the data

- 1 Press the CASSETTE Button on the PR-800.

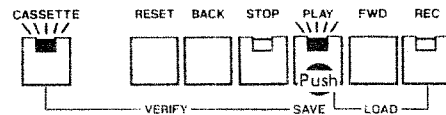


- 2 Set the File Number.



* "1" to "99" are available for File Numbers. Use a different number for each file. The number in the Display Window can be changed with the Back or Forward Button. (The number in the Display keeps moving until the STOP Button is pressed.)

- 3 Set the tape recorder to the Recording mode, and start recording.
- 4 Press the SAVE (PLAY) Button on the PR-800.



* If the Saving is completed, the Indicator of the CASSETTE Button will automatically go out and STOP Button Indicator will light up.

- 5 Stop the tape recorder.

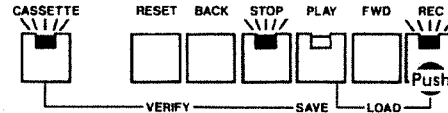
* The entire music data recorded on the PR-800 will be saved, therefore, it is not possible to only save a part of the data. For instance, if three pieces are recorded, there is no way to save only the second piece. (All the three pieces will be saved.)

* Please be sure to verify each data.

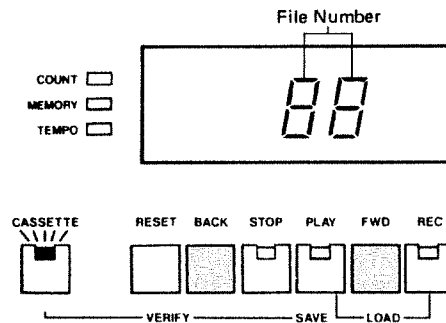
2. Verify the data

① Rewind the tape and go to the data you are to verify.

② Press the CASSETTE Button on the PR-800.



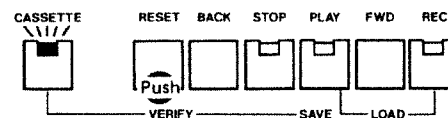
③ If you have set a File Number in saving, set the same File Number.



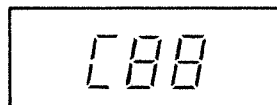
* If you select the File Number different from the one you set in saving, error will be indicated.

④ Set the tape recorder to the Play-back mode, and start play back.

⑤ Press the VERIFY (RESET) Button on the PR-800.




* If the data being searched is found, "L" will be shown on the Display Window.



* When the Verify is completed, the indicator of the CASSETTE Button will go out, and STOP Button Indicator will light up.

⑥ Stop the tape recorder.

*  (Error)

The following are possible reasons for Error "E" appearing in the Display window.

a) You did not press the VERIFY (PLAY) Button at a right moment.

Be sure to press the VERIFY Button (PLAY), before the Pilot tone turns to the Modulated tone.

b) The head of the tape recorder needs cleaning and demagnetizing.

c) Volume of the tape recorder is not proper.

If the volume is too high or low, error will be indicated.

d) Connection is not correct.

Be sure that the PR-800 and the tape recorder are correctly set up.

e) The data has not correctly been saved.

If error is indicated again and again, adjust the recording level, then repeat the save procedure.

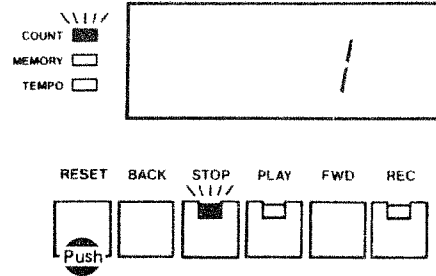
f) The Mode Switch is set to the wrong position.

Make sure that the Mode Switch on the rear panel is set to I or II where loading is properly done.

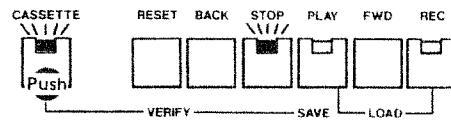
g) Please be sure to verify the data immediately after saving it. If you load or write other data after saving, verifying will be no longer possible.

3. Load

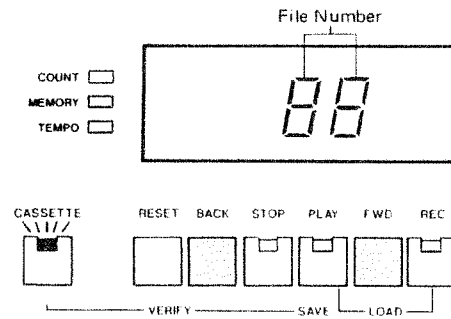
- ① By rewinding or forwarding the tape, get to the data you are to load.
- ② Press the RESET button, and the Display will Show "1".



- ③ Press the CASSETTE Button on the PR-800.

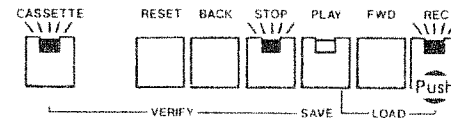


- ④ Set the File Number you like by using the BACK or Forward Button.



* If you do not set the File Number in loading, the data found first will be automatically loaded.

- ⑤ Press the Record Button on the PR-800.



- ⑥ Set the tape recorder to the play-back mode, and start play back.

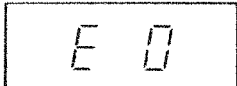
⑦ Press the LOAD (PLAY) Button on the PR-800.

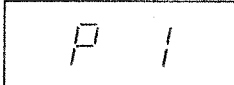
*If the data being searched is found, the Damper Indicator will light up and the Display Window shows "F".



If the Loading is completed, automatically the Indicator of the CASSETTE Button and Record Button go out and the STOP Button Indicator goes out.

⑧ Stop the tape recorder.

*  (Error)
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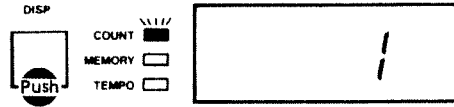
* 

In loading, if the File Number other than the one you set is found, the Display Window shows "P" and move to the next one.

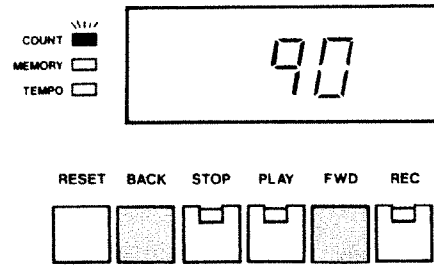
[NOTE]

If other data is already written or loaded in the PR-800, please do as shown below, and the data will be loaded after the existing data.

- ① Turn the Display to the Measure count mode.



- ② By using the BACK or Forward Button, go to the measure where you wish to start loading.



* For instance, if the Display shows "90", the data will be loaded from the 90th measure.

- ③ Procedure ③ to ⑧ on page 28 and 29 should follow here.

Specifications

● Front Panel

- Buttons
 - Display Button (COUNT, MEMORY, TEMPO)
 - CASSETTE Button
 - RESET Button
 - Back Button
 - STOP Button
 - PLAY Button
 - Forward Button
 - Record Button
- Display
- Damper Indicator
- Switches
 - TIME Selector Switch (FREE, 3/4, 4/4)
 - METRONOME Selector Switch (OFF, ♩, ♪)
 - REPEAT Switch (ON, OFF, MARK)
 - POWER Switch
- Knob
 - TEMPO Knob (SLOW to FAST: ♩ = 40 to 240)

● Rear Panel

- Switches
 - CLOCK Selector Switch (EXT, INT)
 - Mode Selector Switch (I, II)
- Jack
 - MIDI IN Jack
 - MIDI OUT Jack
 - TAPE SAVE Jack
 - TAPE LOAD Jack
 - PEDAL (PLAY/STOP) Jack
 - METRONOME Jack
 - METRONOME LEVEL Knob
- AC Inlet
- Power Consumption 8W
- Dimensions
 - 314(W) x 118(H) x 172(D) mm
 - 12-3/8 x 4-5/8 x 6-3/4 in.
- Weight
 - 2.3 kg
 - 5 lb. 1 oz.
- Accessories
 - DIN Plug Cord x 2
 - Power Cable x 1

* Specifications are subject to change without notice.

Options

- Pedal Switch DP-2
- Connection Cord PJ-1

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