

INSTRUCTION MANUAL

Thank you for your purchase of this Seiko Quartz Pendulum Metronome EPM2000. Carefully read this instruction manual before using your EPM2000 as proper use is important to ensure the life of the product. Store this instruction manual in a place that is readily accessible and refer to it regularly.

PRECAUTIONS

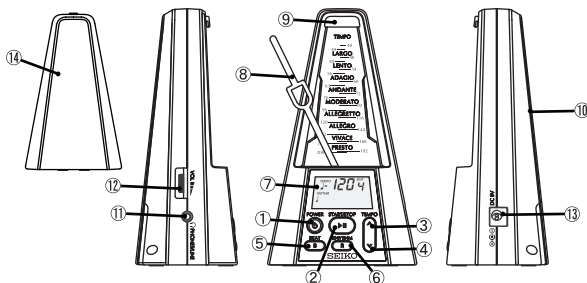
The following warnings and cautions are important in ensuring safe and proper use of the product, preventing injury to yourself and others, and preventing damage to your belongings.

- Do not disassemble, attempt to repair, or tamper with the metronome or battery.
 - Do not handle the metronome with wet hands.
 - Do not use or store the metronome in places where it may become wet such as in bathrooms, near sinks, or outdoors.
 - Do not expose the batteries to fire.
 - Use only the AC adapter and batteries specified for the metronome.
 - Do not insert pins or other foreign objects into the metronome.
- In the event that such an object gets trapped in the device, cease use of the device and contact the store of purchase or a professional for assistance.
- Do not place the metronome on unstable surfaces.
 - Do not intentionally throw or drop the metronome.
 - Do not use or store the metronome in places where it may be exposed to extremely high temperatures such as near heaters, on devices that generate heat, in direct sunlight, or in vehicles.
 - Do not use or store the metronome in places where it may be exposed to extremely high levels of humidity.
 - Keep the metronome out of the reach of small children.
 - Keep removed batteries and the battery lid out of the reach of small children.
- In the event that a child swallows these parts, contact a physician immediately.
- Do not apply excessive force to the buttons or body of the metronome.
 - Do not mix old and new batteries or batteries of different types.
 - Do not let leaked battery fluid come in contact with your skin.
 - Do not use or store the metronome in dusty places or places prone to vibration.
 - Do not use thinner or alcohol to clean the metronome.
 - Do not place the metronome near your face or within the reach of small children.
 - Do not touch the e-pendulum while it is in motion.
 - Replace all (two) batteries of the metronome at the same time. When installing new batteries, check that the (+) and (-) terminals are oriented correctly.
 - Remove the batteries when depleted or when not using the metronome for a long period of time.

Please refer to the "BATTERY REPLACEMENT" section and insert included batteries before use.

The batteries included with the metronome are for functionality testing and their life may be shorter than expected.

NAMES OF PARTS



- 1 POWER button
Press the POWER button to turn the metronome on and off.
- 2 START/STOP button
Start or stop the operation of the metronome.
- 3 TEMPO up button / 4 TEMPO down button
Used to set the tempo. 39 steps within the range of 40 to 208 beats/min are available. Hold down a button to scan quickly through the steps.
- 5 BEAT button
Used to set the number of beats (0 or 2 to 6 beats).
- 6 Rhythm button
Used to select the rhythm (9 types available).
※ Quarter note triplet (♩♩♩) rhythm
Due to the rhythm characteristics, quarter note triplet rhythm and a beat of 3 or 5 cannot be selected at the same time.
- 7 LCD screen
Configurable options and messages are displayed on the LCD screen.
- 8 e-pendulum
Oscillates in time with the set tempo.
- 9 e-pendulum tab
Fixes the e-pendulum in place when not in use. The tab also serves to hold the cover in place.
- 10 Speaker
Produces a sound in time with the tempo.
- 11 Earphone jack
Tempo sounds can be heard through an earphone (SEP2, sold separately) or other devices. The metronome may also be connected to an amplifier or other external speakers. The internal speaker is automatically disabled when the earphone jack is in use.
※ Check volume settings before using an earphone or external speaker.
- 12 Volume dial
Turn to adjust the volume of the tempo sound.
- 13 AC adapter jack
(Output DC9V/600mA, center negative ⊕⊖)
※ Before connecting an AC adapter to the metronome, be sure to turn the power off.
- 14 Cover
Used to protect the e-pendulum when not in use.

HOW TO USE

PRECAUTIONS

- Be sure to remove the cover and release the e-pendulum from the e-pendulum tab prior to using. If operation of the metronome is started while the cover is on or the e-pendulum is still held in place by the e-pendulum tab, **ERROR** will be displayed on the LCD screen and all operations will stop. In such a case, release the e-pendulum from the e-pendulum tab and press the START/STOP button to reset the display before using again. Leaving the metronome in this state may result in damage to the device.

(1) Preparing the metronome for use.

- ① Remove the cover from the main unit by gripping the finger grip of the cover and pulling it forward as shown in FIG. 1.
- ② Release the tip of the e-pendulum from the e-pendulum tab by pressing the top of the e-pendulum down and sliding it out from under the tab as shown in FIG. 2.

FIG. 1

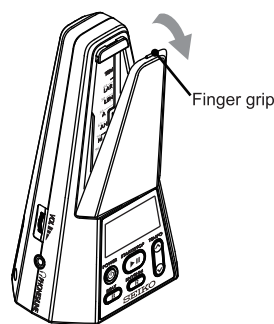
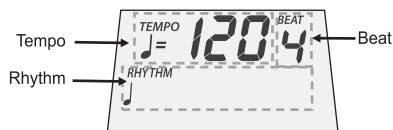


FIG. 2



- (2) Press the POWER button.
- (3) Using the buttons, set your desired tempo, beat, and rhythm.
Your settings will be shown on the LCD screen as depicted below.




- (4) Press the START/STOP button to begin operation of the metronome.
Tempo, beat, rhythm, and volume can be changed while the metronome is in operation.
- (5) Press the START/STOP button again to stop the metronome.
- (6) When finished using, turn the power off, fix the e-pendulum under the e-pendulum tab. Then, replace the cover and store the device.

[Auto power-off feature] The power will automatically turn off after about 30 minutes when the metronome is not in operation.

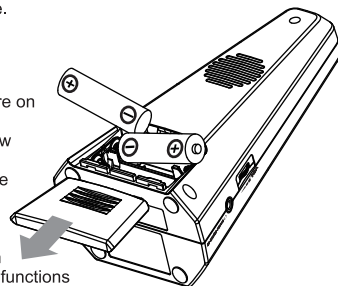
CAUTION

- ※ Metronomes are precision instruments. Be careful not to drop your metronome or expose it to impacts.
- ※ Turn the power off and replace the cover before moving/relocating the metronome. Do not touch or try to stop the movement of the e-pendulum. Moreover, unless necessary, do not touch or try to move the e-pendulum when not in use. Doing so may result in damage to your metronome.
- ※ **ERROR** will be displayed on the LCD screen and the metronome will stop in the event of a problem with the e-pendulum movement. In such a case, check that the e-pendulum is not stuck under the e-pendulum tab and then press the START/STOP button to reset the display before using again. If metronome is operated again before removing the obstruction, power will turn off to protect the product. In such a case, remove the obstruction before turning power on or try turning power on again.
- ※ If an error occurs when in use, remove any power supply (batteries, AC adapter, etc.) from the metronome. Then, reconnect the power supply.
- ※ In cases where the LCD screen continues to show an error or where the problem cannot be resolved, contact the store of purchase or a professional for assistance.

BATTERY REPLACEMENT

The battery icon  on the LCD screen will blink when the batteries need to be replaced. When battery life becomes critical, the battery icon will blink and only power on/off operations will be available. In such a case, replace the batteries as soon as possible.

Turn the power off. Remove the battery lid on the backside of the metronome as shown in the figure on the right and remove the two depleted batteries. Install two new batteries in the battery holder, making sure that the batteries are aligned with the polarity markings. Replace the battery lid. After replacing the batteries, turn the metronome on and confirm that the metronome functions normally.



- ※ While manganese and rechargeable batteries (AA nickel hydrogen batteries) can be used in the metronome, alkaline batteries are recommended.
- ※ Be sure that the (+) and (-) terminals of the battery are oriented correctly.
- ※ Follow all local ordinances and regulations when disposing of the depleted battery.
- ※ Place removed batteries and battery lid out of the reach of small children.

SPECIFICATIONS

- | | |
|--------------------------------|---|
| • Tempo range/accuracy: | 40-208 beats/min (39 steps), ±0.2% |
| • Beat range: | 0, 2 - 6 |
| • Rhythm types: | 9 types (♩♩♩, ♪, ♫, ♬, ♮, ♯, ♭, ♭♭, ♯♯) |
| • Tempo tone: | 1 type |
| • Volume control: | Continuous rotary knob |
| • Auto power off: | Approximately 30 minutes (when the metronome is left not in operation) |
| • Earphone jack: | φ3.5mm, stereo output |
| • Power supply: | AA battery x 2 (alkaline batteries recommended)
AC adapter (Output DC9V/600mA, center negative ⊕⊖) |
| • Operating temperature range: | 5°C - 40°C |
| • Battery life: | Approximately 9 hours
(Continuous use at a tempo of 120, 2 beats, rhythm of ♩ and at maximum volume) |
| • Overall dimensions and mass: | 95(W) x 163(H) x 64(D) mm, approximately 255g (including batteries) |
| • Accessories: | AA alkaline battery x 2 (for functionality testing), instruction manual |

※ The design and specifications are subject to change without prior notice for product improvement.