

Thank you for purchasing Seiko Voice Metronome VM80. Please read this instruction manual carefully before using your VM80, 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.

### FOR SAFE OPERATION

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.

— Please adhere to the following warnings. —

#### WARNING

Disregard of these warnings may result in injury or death.

- 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 battery to fire.
- Use only the battery specified for the metronome.
- Do not insert pins or other foreign objects into the metronome.
- 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.
- Do not let small children play with the metronome.
- Keep removed batteries and the battery cover out of the reach of small children. In the event that a child swallows these parts, contact a physician immediately.

#### CAUTION

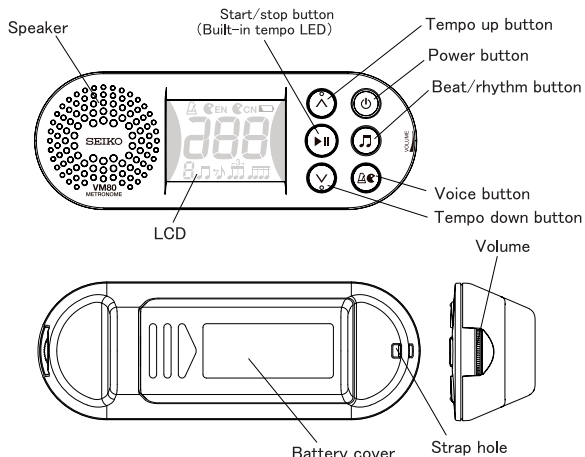
Disregard of these cautions may result in injury or physical damage.

- Do not apply excessive force to the buttons or body of the metronome.
- 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.
- Install the battery properly, checking that the (+) and (-) terminals are oriented correctly.
- Remove the battery when it is depleted or when not using the metronome for a long period of time.
- When using a strap, do not swing the metronome around by the strap.

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



### USAGE GUIDE

#### Turning the device on/off

The device can be turned on by pushing the power button which will turn on the LCD. Turn the device off by pushing the power button another time.

#### How to use the metronome

Explanation of basic functions:

This device allows you to set the tempo and beat (metre). The tempo can be set using the tempo up or the tempo down button (press and hold to fast-forward). The beat or rhythm can be set using the beat/rhythm button (press and hold to fast-forward).

The metronome is started by using the start/stop button.

While the metronome is in operation, the built-in tempo LED will light up in sync with the tempo. The metronome can be stopped by using the start/stop button.

\* The volume can be adjusted using the volume dial.

Tempo tone:

By pushing the voice button, you can choose between digital sound, English voice sound and Chinese voice sound.

The icon on the upper side of the LCD will change when pushing this button.



<Example LCD content>

Tempo: 120

Tempo tone: Click

Rhythm: 1/8 note



Digital sound English voice Chinese voice

\* When setting the rhythm while selecting voice sounds, rhythm is audible in digital sound. Voice sounds are audible at the setting of beat 1 to 7.

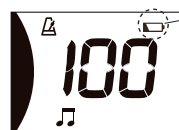
Memory back-up:

From the second time and onward, the previously used setting will be recorded and the same setting will be applied next time the device is turned on.

\* If the battery is removed, the backed up memory will be cleared.

### BATTERY REPLACEMENT

When the battery starts running out, the LCD will show a blinking "battery icon" to notify that the battery has to be changed.

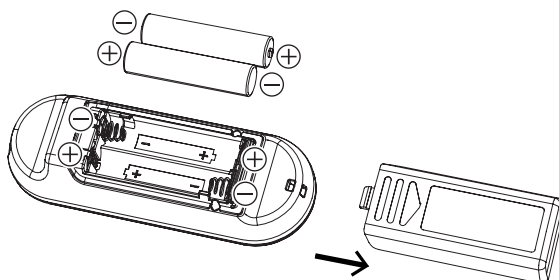


Battery icon

\* When the battery icon is blinking, depending on how much battery power is left, the metronome may not sound, the device may turn off, etc. In such cases, please change the battery as soon as possible as the device may malfunction.

Turn the power off. Remove the battery cover on the back of the product by sliding it in the direction of the arrow on the battery cover and remove both 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, confirm that the metronome functions normally.

Settings will be cleared when the batteries are replaced and the device will return to default setting (tempo: 120, beat: 1, voice: EN).



\* When in inserting batteries, please pay attention to the (+) (-) direction of the batteries.

\* Please dispose of depleted batteries in accordance with your local garbage disposal regulations.

\* It is recommended that AAA alkaline batteries are used. Nickel-metal hydride batteries and manganese batteries cannot be used.

\* If a malfunction cannot be fixed by turning the device on and off, please try re-inserting the batteries.

### SPECIFICATIONS

- Tempo range (accuracy) : 30~250 beats/minute (±0.1%)
- Beat/rhythm : 0~7,
- Tempo tone : Digital sound, English voice (1-7), Chinese voice (1-7)
- Adjust volume : Rotating volume
- Memory back-up : Tempo, beat, rhythm, tempo tone
- Battery : AAA alkaline batteries, 2 pieces (3 volts)
- Battery life : Approx. 70 hours (T = 120, Digital s., beat:4, vol.: high). \*1  
Approx. 16 hours (T = 120, CN voice, beat:7, vol.: high). \*1
- Temperature range for usage : 0°C ~ 40°C
- External dimensions : 106 (W) x 38 (H) x 23 (D) mm (excluding protrusion)
- Weight : Approx. 65 g (including battery)
- Accessories : Instruction manual  
AAA alkaline batteries, 2 pieces (for operation confirmation)

\* The specifications and appearance of the product may be modified for improved functionality without prior notice.

\* 1 Company measurement conditions (may change based on operating environment)