



# NOTES FOR BATTERY USE (How to use battery correctly)

**POINTS TO NOTE WHEN USING BATTERY** (Let's use the battery correctly to avoid accidents)

- Do not confuse the positive (+) and negative (-) terminals.
- Remove the battery when not in use for a long time.
- Use the battery within the recommended usage period indicated on it.
- Replace regularly even if the clock is running.
- Remove the battery immediately when the clock stopped.
- Keep out of reach of children.

## ■ BATTERY TYPES

- Alkaline Battery and Manganese Battery are interchangeable in shape, and Alkaline Battery have a longer shelf life than batteries in generally.
- In general, the rechargeable batteries have a low voltage and are unsuitable for watches, so do not use them.

## ■ BATTERY LIFE

- The battery is included in the product box at the time of shipment from the factory for trial use, so the battery may run out in a shorter period of time than the product specifications.
- Battery life may be shorter than the product specifications depending on usage conditions such as temperature.

## ■ PRODUCT SPECIFICATIONS

Time accuracy:	Average monthly difference +20 seconds (When the temperature between 41°F and 95°F)
Operating temperature range:	14°F to 122°F *No freezing or condensation
Use battery:	AA Manganese Dry Battery JIS type R20P 1 of 1.5V battery
Battery life:	Approx. 1 year
Melody Function:	Notify in every hour and every 30 minutes by sound. Every Hours: As the number of the current hour 30 minutes: 1 time
Accuracy of melody:	± 30 seconds for every hour
Melody:	Stick ringing
Melody ON/OFF:	Slide switch
Sound stops in the dark:	None
Volume control:	None
Pendulum/Plumb bob:	For decoration

※ The included batteries are for testing purposes only. Since they are included in the product when shipped from the factory, the batteries may run out in a shorter period of time than the product specifications.

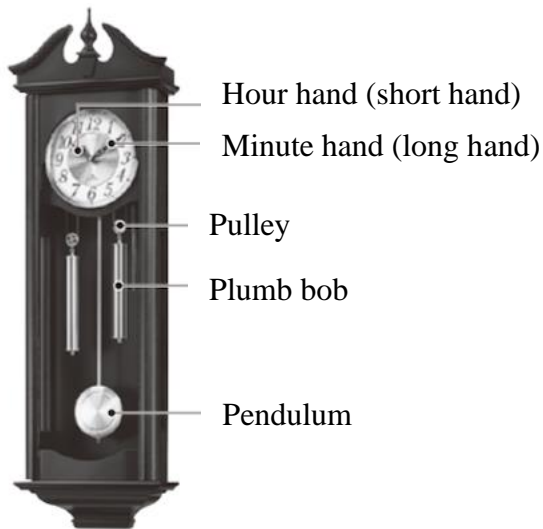
※ The marked battery life may be applicable in case the newly battery is replaced follow as "Product Specifications".

※ The product specifications may change for improvement without notice.

Accessories included: 1 of trail battery, 1 of pendulum, 2 of wire, 2 of plumb bob, 2 of pulley, 1 of wood screw, Instruction Manual/Warranty (this document)

# NAME AND FUNCTION OF EACH PART

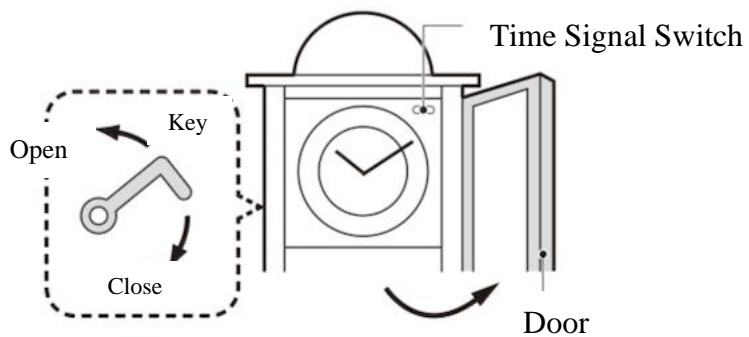
©The pictures for operation explanation. Actual product may vary.



## ⚠ CAUTION

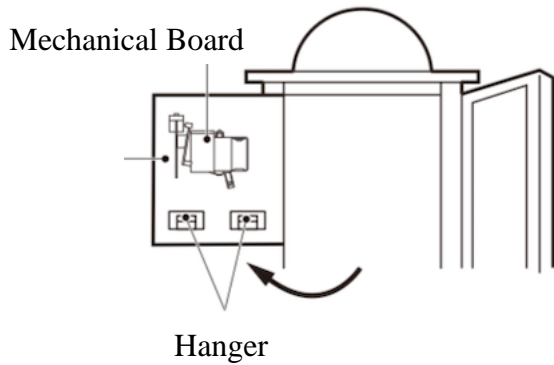
- Please note that the clock may tilt if you open or close the door or set the time while the clock is hanging on the wall.
- Please remove pendulum or plumb bob before removing the clock from the wall.

## ■ABOUT OPENING/CLOSING THE DOOR



After closing the door, be sure to lock the key.

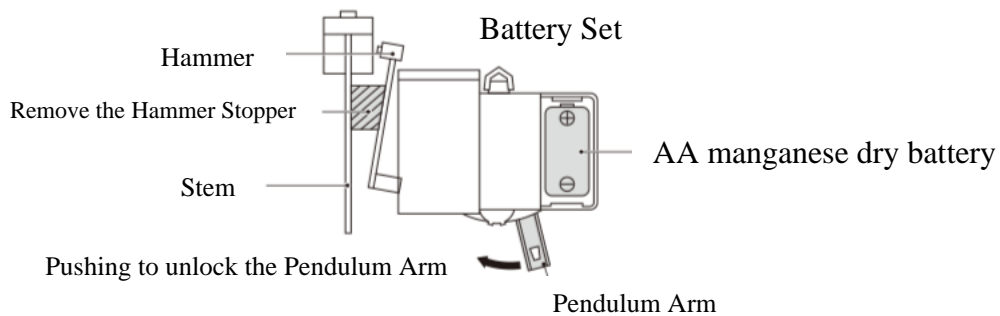
## ■ABOUT THE OPENING/CLOSING THE DIAL



Attach the wire that hangs the pulley.

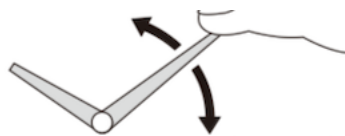
## ■REMOVE THE HAMMER STOP AND UNLOCK THE PENDULUM ARM

It may be stiff when locking or unlocking. In such cases, please push a little stronger.



## ■HOW TO SET THE TIME

Set the time by turning the hour hand or minute hand slowly.

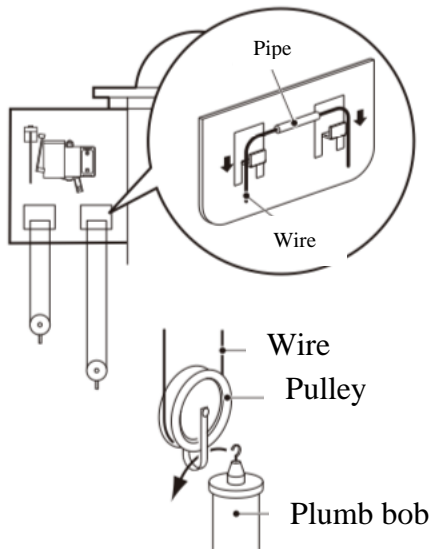


If the minute hand is between 45 minutes and 0 minutes, such as when the set time is 12:50, the number of the first hour melody may not match the time. It will be normal from the next hour melody.



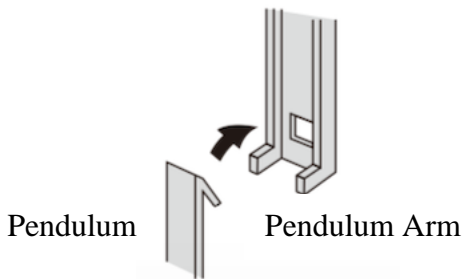
### ■INSTALL THE PLUMB BOB

Open the dial, hook the wire to the hanger, set the pulley so that the stepped surface faces the front and attach the weight.



### ■ATTACH THE PENDULUM

Please hang the pendulum on the pendulum arm and close the dial.



### ABOUT BATTERY REPLACEMENT

**⚠ CAUTION** The liquid leakage from battery can cost you money for watch repairs or wall repairs.

Please observe the following guides to prevent the battery from leaking, overheating, or exploding.

- When the clock stops, replace the new battery or remove the battery immediately.
- Please replace the specified battery regularly (once a year).
- Do not insert the "+" and "-" of the battery in reverse.

\*Batteries last longer if the time signal is not used, but they are more likely to leak. Please replace it regularly.

\*Alkaline batteries can be used.

## DISPOSAL OF BATTERY AND CLOCKS

- Please follow the instructions of your local government.
- When disposing the clock, please separate the battery and the clock and isolate the used battery by scotch tape.

Unauthorized duplication or modification of this instruction manual is prohibited. Please note that we are not responsible for any expenditure, profit or loss, or other loss caused by using this product.

## HOW TO USE THE CLOCK

1. Open the door
2. Open the mechanical board
3. Remove the hammer and unlock the pendulum arm  
※Please be sure to attach the Hammer Stopper and lock the pendulum arm when transporting.
4. Insert the batteries according to the (+) and (-) making in the battery compartment. The clock will not work if the + and - of the battery are put in backwards.
5. Close the mechanical board
6. Turn the hour hand or minute hand to set the time.
7. Set the melody function.



ON ← → OFF

The melody sounds every hour on the hour according to the time, and sounds once every 30 minutes.

The melody function is located on the right side of the watch.

ON : Sounds every hour and every 30 minutes.

OFF : Does not sound

- Do not operate the melody function switching while the melody is sounding.
  - When the melody function is turned ON from OFF, the time and the hour number may not match at the first hour, but the time will be announced normally from the next hour.
  - There is no function to stop the time signal when it gets dark.
  - The volume cannot be adjusted.
8. Close the door
  9. Hang on the clock

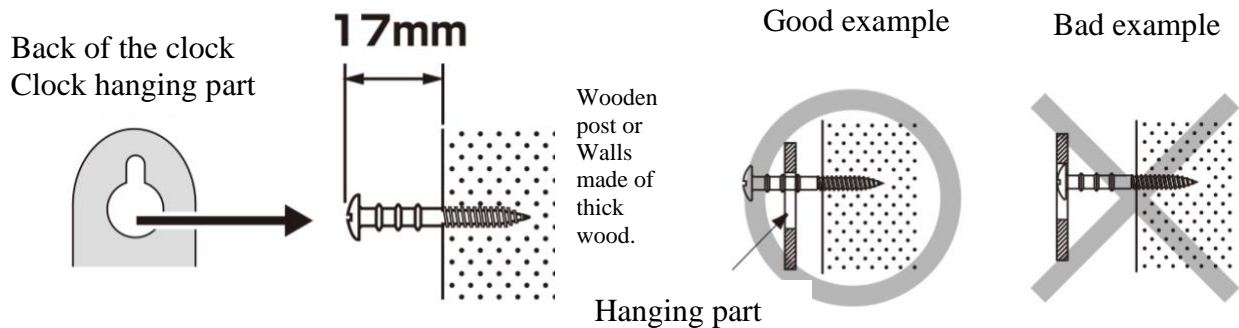
### CAUTION

- Improper hanging may cause the watch to fall.
- When you hang the clock, move it gently up and down, left and right to make sure that the hook (wooden screw) is securely attached.
- Hang the clock straight. There is a risk that it will come off from the hook if it is tilted.

- When using a commercially available hooks, please select hooks that hangs firmly on the wall.
- Install in a place where there is no vibration movement when opening and closing the door.
- Please do not hang the clock anywhere other than the hanging part.

**FOR THE WOODEN POST OR THE WALLS MADE OF THICK WOOD**

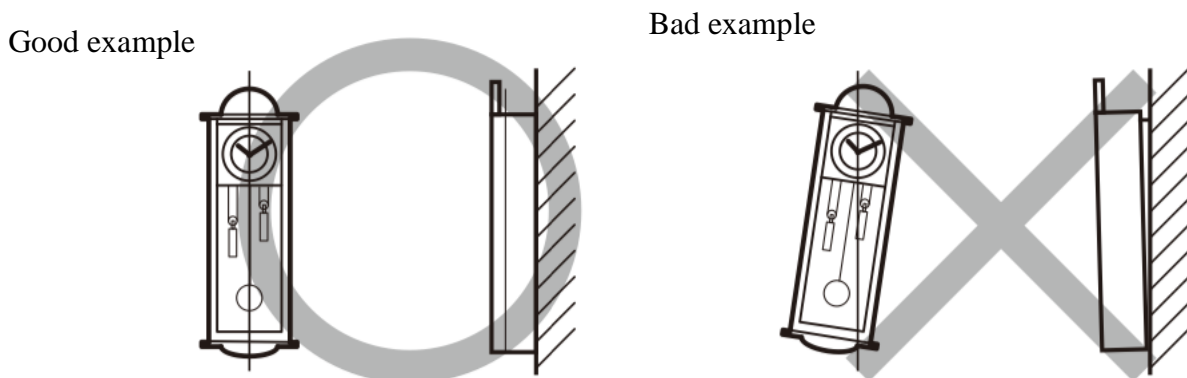
- The included wood screws can be used on the wooden post or the walls made of thick wood.
- Fasten the wood screw to the wall as shown in the picture below.



**FOR THE OTHER WALLS**

- When hanging the clock on the wall made of gypsum board, concrete, etc., please use commercially available hanger suitable for the material and structure of the wall and the weight of the clock. In this case, please do not use the adhesive type or the suction cup type because there is a danger that the watch will fall.

- Please hang the clock firmly, straight and vertically.



※If you don't hang it straight, the pendulum will stop or move erratically.

10. Open the door
11. Attach the plumb bob

12. Attach the pendulum

- ※If the pendulum does not start to move, swing the pendulum gently from side to side.
- ※The pendulum is a decoration and does not affect the accuracy of the time.

13. Close the door

#### **ABOUT THE MAINTENANCE**

- If it is very dirty, apply a little of neutral detergent or soapy water diluted with water to a soft cloth, wipe it off, and then wipe it off with a dry cloth.
- Do not use benzene, thinner, alcohol, or spray cleaners to clean the case of clock.
- Static electricity may stain the clock or the wall on which it is hung, so please clean it regularly.