

## CONTENTS

1. Features .....	22
2. Names of Components .....	22
3. Before Use .....	23
4. Setting the Time .....	24
5. Using the Repeater (Time Notification) Function .....	25
6. Reference Position Alignment .....	27
7. In the following cases .....	29
8. Care of your watch .....	30
9. Specifications .....	36
10. Guarantee and After Service .....	37



### CAUTION

- Before using the watch, read this instruction manual carefully for safe and correct use.
- After reading this manual, keep it handy for future reference.

#### Safety precautions (Instructions to be followed at all times)

This manual contains the following the instruction that should be strictly followed at all times to prevent injury to yourself and other persons as well as damage to property.

- **Injuries and damages which might be caused by using the watch improperly, neglecting any of the instructions or precautions contained in this manual are classified with the following symbols.**



### WARNING

Can cause serious injury or death



### CAUTION

Can or will cause minor or moderate injury or damage

- **Important instructions that should be followed are classified with the following symbol.**

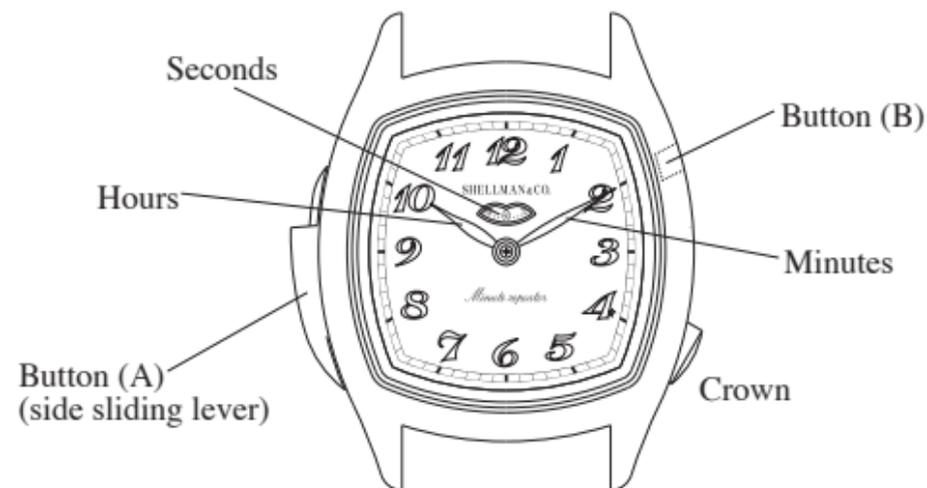


Warning (caution) symbol followed by instructions that you should be followed or precautions that you should be observed

## 1. Features

This watch is an analog quartz watch equipped with a “repeater (time notification) function” that informs the wearer of the current time (hours, minutes) using an electronic tone by sliding button(A).

## 2. Names of Components



## 3. Before Use

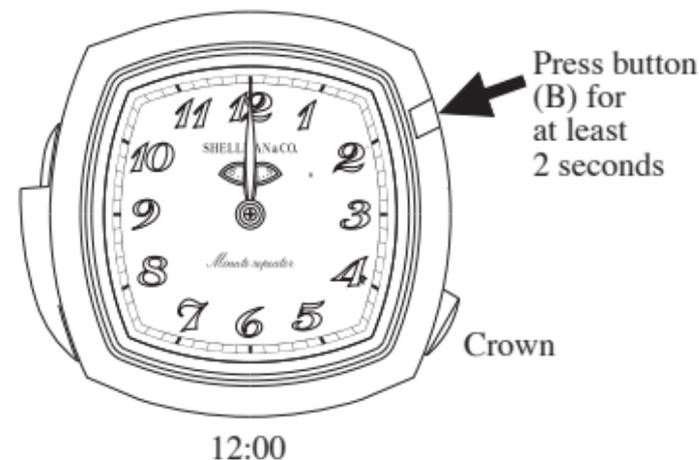
**Before using the watch, make sure to check whether or not the hand reference position (initial positions of hour and minute hands) is aligned correctly. If the reference position is not aligned correctly, the repeater function of this watch will not operate properly.**

### <Reference Position Confirmation Method>

Continuously press button (B) until the hands start to move with the crown in the normal position. The hour and minute hands rapidly advance to 12:00 (reference position) and stop.

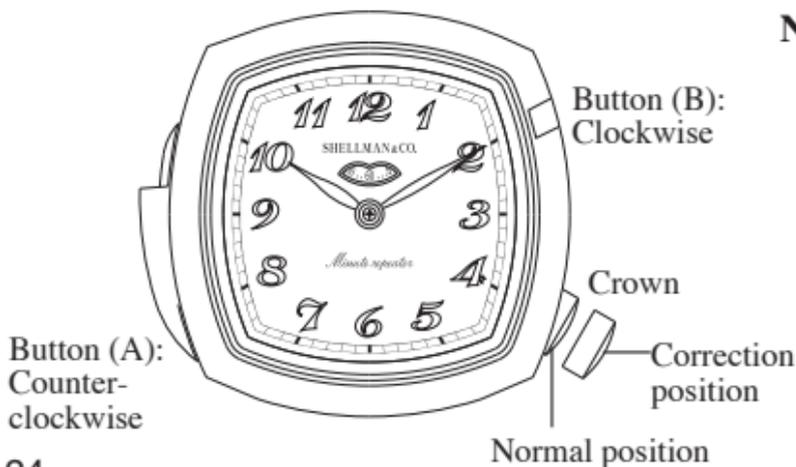
\* If the hour and minute hands are not at 12:00, refer to “6. Reference Position Alignment” to realign the hands to the reference position.

### [Reference Position]



## 4. Setting the Time

- (1) Pull the crown out when the seconds reach 0 seconds (when either 60 or 0 reaches the center of the seconds window).
- (2) Slide button (A) or press button (B) and set the hour and minute hands to the current time. Each time a button is slid (or pressed), the minute hand can be corrected by 1 minute. Pressing button(A) or (B) continuously causes the hand to advance rapidly. Return the crown to the normal position in synchronization with a telephone time signal or other time service.



**Note:** Always make sure to pull the crown out when the seconds are at 0 seconds. If the crown is pulled out when the seconds are not at 0, the positional relationship between the hour and minute hands will be incorrect, and the time shown by the hour and minute hands and the time indicated by the electronic tone will not agree.

## 5. Using the Repeater (Time Notification) Function

The repeater function notifies the wearer of the current time (hours, minutes) with an electronic tone by sliding button(A).

### <Operating Procedure>

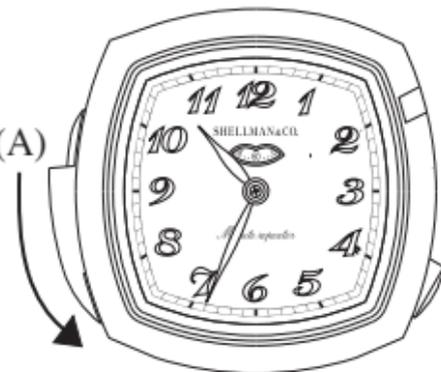
When button (A) is slid with the crown in the normal position, the wearer is notified of the current time with an electronic tone.

### <Distinguishing the Type of Tone>

**Tone pitch for hours:** A high pitch tone is produced 1-12 times corresponding to the current hour.

\* There is no distinction made between (A) AM and PM.

**Tone pitch for minutes:** A combination high pitch and low pitch tone sounds in 15 minute units, while a low pitch tone sounds for a number of times corresponding to the number of minutes after the most recent 15 minute period.





### <Procedure>

- (1) Pull the crown out.
- (2) Press button (A) and button (B) simultaneously. A confirmation tone sounds after the hands move by 10 minutes in the counter-clockwise direction.
- (3) Press button (B) to align the hour and minute hands at 12:00.  
Each time button (B) is pressed, the hands can be corrected in 1/3 minute increments in the clockwise direction. Pressing button (B) continuously causes the hands to advance rapidly.  
\* Correction can be made in the counter-clockwise direction by sliding button (A). In the case of correcting with button (A) however, always make sure to first advance the hands to several minutes before 12:00 and finally align the hands at 12:00 in the clockwise direction by pressing button (B).
- (4) Return the crown to the normal position.  
This completes reference position alignment. After performing the reference position alignment procedure, properly reset the time before using the watch.

### <Incomplete Reference Position Alignment Procedure Warning Function>

If the crown is pushed in without pressing either of the buttons following the procedure of step (2), the minute hand moves backwards indicating that the reference position alignment procedure has not been performed properly. In this case, perform the “Reference Position Alignment” procedure again by following the procedure described above.

## 7. In the following cases

- 1. The time as indicated by the electronic tone and by the hand is off.**  
The Reference position of the hand could possibly be off the mark.  
Please refer to “6. Standard Position Adjustment” to correct the Reference position.
- 2. The watch’s display is abnormal or it behaves strangely.**  
When exposing the watch to static electricity or violent impact, in rare cases it could show an abnormal display or strange behavior (hand keeps rotating, electronic tone keeps sounding, etc.).  
In this case, please refer to “6. Reference Position Alignment” to correct the Reference position.
- 3. The minute hand rotates in the opposite direction.**  
When Reference position adjustment is correctly performed, the warning function indicating the Reference position adjustment is not yet set, is in operation. Please refer to “6. Reference Position Alignment” to correct the Reference position once more.

#### 4. After replacing the battery.

After replacing the battery, be sure to always correct the Reference position by referring to “6. Reference Position Alignment”.

If this precaution is not exercised, the repeater function of this watch will not operate properly.

## 8. Care of your watch --- ---



### **WARNING** About water resistant

- This watch is not water resistant. It can not be used in an environment under or exposed to water. Please take precautions when using water, washing your face, in the rain, etc.
- If the crown of the watch or the side slide lever is operated while there is moisture on the watch, water may penetrate the watch leading to defects.



### **CAUTION** When Wearing your Watch

- Be particularly careful when wearing your watch while holding a small child, to avoid injury.
- Be particularly careful when engaged in strenuous exercise or work, to avoid injury to yourself and others.
- Do not wear your watch while in a sauna or other location where your watch may become excessively hot, since there is the risk of burns.



### **CAUTION** Handling the Belt (Putting on and Taking off Belt)

- Be careful when putting on and taking off your watch, since there is the risk of damaging your fingernails, depending on the manner in which the belt is fastened.



### **WARNING** Handling of Battery

- Keep the battery out of the reach of small children.
- In the event a battery is swallowed, immediately consult a physician.



### **CAUTION** Battery Replacement

- If a depleted battery is left in your watch, damage may be caused by leakage of battery fluid. Be sure to replace the battery promptly.
- Always be sure to select a battery of the correct specifications when replacing the battery.



### **CAUTION** Always Keep your Watch Clean

- Small amounts of dirt may become trapped in the tiny gap between the crown and case, making it difficult to pull out the crown. It is recommended to occasionally turn the crown in its normal position to remove any dirt.
- The case and belt of the watch come into direct contact with the skin in the same manner as undergarments. Corrosion of the metal or unnoticed soiling such as that caused by perspiration and dirt can soil sleeves and other portions of clothing.

### **Keep your watch clean at all times**

- Wearing this watch may cause itchiness or rash if you have sensitive skin or certain physical conditions. If you think there is something wrong, discontinue wearing the watch immediately and consult your physician.

Possible causes of rashes include:

1. Allergy to certain metal or leather
  2. Rust, dirt or perspiration present on the watch's body or belt
- Leather belts may become discolored by perspiration or dirt. Always keep your leather belt clean by wiping with a dry cloth.
  - Do not wear the belt too tightly. Try to leave enough space between the belt and your skin to allow adequate ventilation.

### **<Caring for your Watch>**

- Wipe any dirt or moisture such as perspiration from the case and glass with a soft cloth.
- Remove any dirt from a leather belt with a dry cloth.
- For a metallic, plastic or rubber watchbelts, wash any dirt off with water. Remove the small amounts of dirt trapped between the crevices of the metallic belt with a soft brush.
- Do not use solvents (such as paint thinner or benzene) for cleaning, since they may mar the surface of the belt.

### <Temperature>

- The function of the watch may be impaired or the watch may even stop if the ambient temperature is outside the range of -10°C to 60°C.
- If the watch is left for an extended period under temperatures outside the normal range (+5°C to +35°C), fluid may leak from the battery, resulting in a considerable shortening of battery life.

### <Magnetism>

- Do not allow the watch to come into close proximity to magnets. If the watch is used near magnetic health devices (magnetic necklaces, magnetic elastic bands, etc.) or the magnets used in the latches of refrigerator doors, earphone of a mobile phone, and so forth, it will not keep time accurately. If this should happen, move the watch away from the magnet and reset the watch to the correct time.

### <Static Electricity>

- The integrated circuits used in the watch are sensitive to static electricity. If exposed to intense static electricity, the watch's display may become incorrect.

### <Strong Shocks>

- Avoid dropping the watch or subjecting it to other strong impacts.

### <Chemicals, Corrosive Gases and Mercury>

- If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nail-polish remover, cresol, bathroom cleaners and adhesives) are allowed to come into contact with the watch, they may discolor, dissolve or crack the materials. Be careful when handling these chemicals. Contact with mercury such as that used in thermometers may also cause discoloration of the belt and case.

### <Storage>

- If you will not be using your watch for an extended period of time, carefully wipe off any perspiration, dirt or moisture and store in a proper location, avoiding locations subject to excessively high or low temperatures and high humidity. Don't leave a depleted battery in the watch for a long time. Be sure to replace it with a new one. If battery fluid leaks out, it is likely to damage the watch.

## 9. Specifications --- ---

- 1. Caliber No.:** 6890
- 2. Type:** Analog quartz watch
- 3. Time-keeping accuracy:** Within  $\pm 20$  seconds per month on average (when worn at normal temperatures of  $+5^{\circ}\text{C}$  to  $+35^{\circ}\text{C}/41^{\circ}\text{F}$  to  $95^{\circ}\text{F}$ )
- 4. Operating temperature range:**  $-10^{\circ}\text{C}$  to  $+60^{\circ}\text{C}/14^{\circ}\text{F}$  to  $140^{\circ}\text{F}$
- 5. Display functions:** Hours, minutes, seconds
- 6. Additional functions**
  - \* Repeater (time notification) function
  - \* Incomplete reference position alignment procedure warning function
- 7. Battery:** 280-44 (SR927W)
- 8. Battery life:** Approx. 2 years (when the repeater is sounded for 18 seconds per day on average)
  - \* Battery life varies according to the number of times the repeater is used.

\* Specifications are subject to change without notice.

## 10. Guarantee and After Service --- ---

### 1. Free guarantee

We guarantee repair free service and adjustment in accordance with the provisions of the attached guarantee, provided the product has been used normally, for a period of one year from the date of purchase.

### 2. Stock period of repair parts

Shellman's standard period for stocking repair parts for each model is generally seven years. When an exterior parts such as a watchcase, glass, face, hand and crown is damaged, a spare parts with a different appearance may sometimes be used.

### 3. Repair period

You can make use of fee-charging repair within the parts stock period after expiration of free guarantee. Please take the watch to the store where you bought it and ask whether it can be repaired because various use conditions may result in much difference in damage. Moreover, there will be cases that the recovery of the original high accuracy is difficult when the accuracy of the watch is reduced after a long period of use.