# 9054 instruction manual

CITIZEN

Thank you for your purchase of this Citizen watch.
Before using the watch, read this instruction manual (PDF) carefully to ensure correct use.
Caliber No. of this watch: **9054**
You can access the web instruction manual in addition by using the QR code or the URL: https://www.citizenwatch-global.com/support/html/en/9054/9054.html
Some models may be equipped with enhanced features and functions such as slide rules and tachymeters. To see how to use such features and functions, which is not covered with the instruction manual, and other information, access the CITIZEN support page (https://www.citizenwatch-global.com/support/).

## Safety precautions — IMPORTANT

This manual contains instructions that should be strictly followed at all times not only for optimal use, but to prevent any injuries to yourself, other persons or property. We encourage you to read the entire booklet (especially, page 6) and understand the meaning of the following symbols:

■ Safety advisories are categorized and depicted in this manual as follows:

| | |
|---|---|
| ⚠ **DANGER** | Highly likely to cause death or serious injury |
| ⚠ **WARNING** | Can cause serious injury or death |
| ⚠ **CAUTION** | Can or will cause minor or moderate injury or damage |

■ Important instructions are categorized and depicted in this manual as follows:
(Following symbols are examples of Pictograms.)

| | |
|---|---|
| ⃠ | Warning (caution) symbol followed by prohibited matters. |
| ⚠ | Warning (caution) symbol followed by instructions that should be followed or precautions that should be observed. |

## Features

### ■ Times of two places can be shown at the same time with the hour and 24-hour hands.

The hour hand and the date indication can be moved freely without stopping the watch. You can easily adjust them to a new time such as that of your destination.

### ■ The third time can be read by using the rotating bezel.

You can read time of one other area than those indicated with the hour hand or the 24-hour hand by calculating time difference from that indicated with the 24-hour hand and moving the bezel according to the calculation result.

- This function is not available on the models with the fixed bezel.

## CONTENTS



## Before using this watch

### *Band adjustment*

We recommend seeking the assistance of an experienced watch technician for sizing of your watch. If adjustment is not done correctly, the bracelet may unexpectedly become detached leading to loss of your watch or injury (excluding products containing the band adjustment tool).
Consult an authorized service center.

### *Protective stickers*

Be sure to remove any protective stickers that may be on your watch (case back, band, clasp, etc.). Otherwise, perspiration or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

### *How to use a specially designed crown/button*

Some models are equipped with a specially designed crown and/or push button to prevent accidental operation.

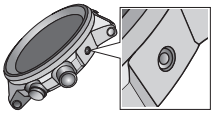
#### ■ Screw down crown/button

Unlock the crown/button prior to operate your watch.

| | Unlock | Lock |
|---|---|---|
| Screw down crown |  Rotate the crown counterclockwise until it releases from the case. |  Push the crown in to the case. With gentle pressure towards the case, rotate the crown clockwise to secure it to the case. Be sure to tighten firmly. |
| Screw down push button |  Rotate the locking screw counterclockwise, and loosen until it stops. |  Rotate the locking screw clockwise, and tighten firmly. |

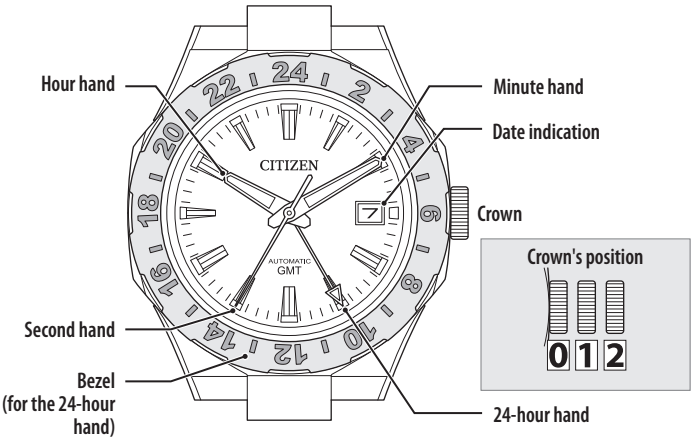
#### ■ Recessed button

Press the button with a non-marring narrow-tipped object.



- Metal objects may cause marring or scratching of the button.

## Component identification




- Some models are equipped with rotating bezels; other models are equipped with fixed bezels.
- The illustrations in this instruction manual may differ from the actual appearance of your watch.

## Winding the mainspring

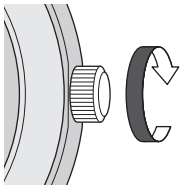
This is an automatic mechanical watch powered by a spring.
When wearing the watch, your arm's movement rotates the oscillating weight to wind the mainspring automatically.

- When your arm's movement is small and/or a few, winding will become insufficient. We recommend to wear the watch as long as possible or wind the mainspring manually in such cases.
- When not worn, the mainspring will run out in about 2 or 3 days and the watch will stop.
- Once the mainspring is wound fully, the watch will run for about 50 hours.

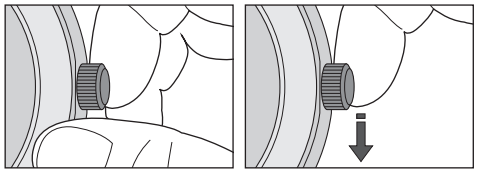
### *Winding the mainspring manually*

**1 Push the crown in to position 0.**

**2 Hold the crown with your thumb and index finger and rotate it clockwise slowly.**



- When the watch is stopped, turning the crown about 42 times will wind the mainspring fully.
- Rotating the crown further after the mainspring was wound fully does not damage the mainspring.
- Rubbing down the crown from the back side of the watch can also rotate it.

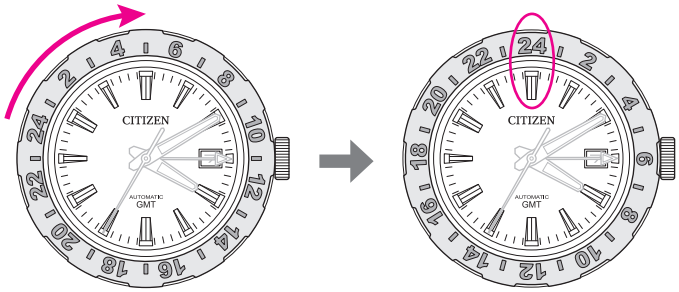


## Setting the 24-hour hand and the hour hand to the same time and calendar

- When the watch is stopped, wind the mainspring beforehand.
- On the figures below, we will show the process to set the date to "8" and the time to 10:00 AM as an example.

For models with **fixed bezels**, start from step 2.

**1 Rotate the bezel to set "24" to the 12 o'clock position.**

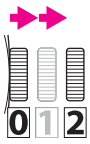



- Keep "24" on the bezel set to the 12 o'clock position when moving it to other positions is not needed.

**2 Check if the crown is at position 0.**


- If not, push it in to position 0.

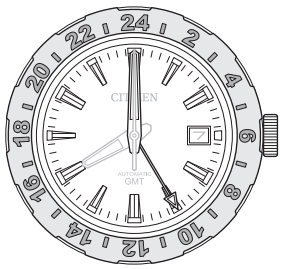
**3 Pull the crown out to position 2 as the second hand points 0 second.**




The second hand stops.

**4 Rotate the crown to adjust the minute and 24-hour hands.**

- The hour hand and date indication also move but they will be adjusted later.
- The scale on the bezel helps you to read the 24-hour hand.



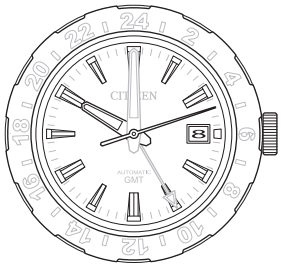
**5 Push the crown in to position 0 in accordance with a reliable time source.**


The second hand starts moving.

**6 Pull the crown out to position 1.**


- The second hand does not stop.

**7 Rotate the crown to adjust the hour hand and the date indication.**



- Only the hour hand and the date indication move synchronously.
- The hour hand moves in 1-hour increments.
- You can see transition from AM to PM through movement of the date indication while the hour hand is passing around 12 o'clock.
- Do not change rotation direction of the crown while the date indication is changing. Otherwise, the date indication may not change correctly.

**8 Push the crown in to position 0 to finish the procedure.**


## Indicating the time and calendar of another area

You can separately move the hour hand and the date indication to indicate other time and calendar than that which the 24-hour hand shows.

- When the watch is stopped, wind the mainspring beforehand.
- Both the 24-hour hand and the hour hand are supposed to be set to the time and calendar of the current place previously following "Setting the 24-hour hand and the hour hand to the same time and calendar" (page 2).

**1 Find the time and calendar of the area whose time you want to indicate with the hour hand and the date indication.**

**2 Pull the crown out to position 1.**


- The second hand does not stop.

**3 Rotate the crown to adjust the hour hand and the date indication to the time and calendar you want.**

| Ex. | |
|---|---|
| Time in the current place (24-hour hand) | London, 8th, 10:00 AM |
| Time and calendar to indicate (hour hand) | Los Angeles, 8th, 2:00 AM |


Rotate the crown counterclockwise to move the hour hand 8 hours backward.

- Only the hour hand and the date indication move synchronously.
- The hour hand moves in 1-hour increments.
- You can see transition from AM to PM through movement of the date indication while the hour hand is passing around 12 o'clock.
- Do not change rotation direction of the crown while the date indication is changing. Otherwise, the date indication may not change correctly.

**4 Push the crown in to position 0 to finish the procedure.**

## Using the rotating bezel

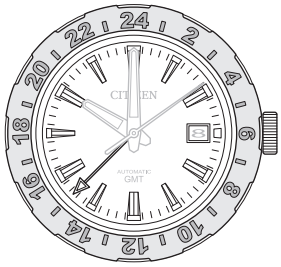
This function is not available on the models with the **fixed bezel**.

You can find time in another place by using the 24-hour hand and the scale on the rotating bezel.

- When the 24-hour hand and the hour hand indicate different times, you can find the third time by using the rotating bezel.
- When the watch is stopped, wind the mainspring beforehand.
- Set "24" on the bezel to the 12 o'clock position beforehand.

### 1 Read the current time indication through the 24-hour hand and the bezel.

| Ex. | |
|---|---|
| 24-hour hand | London |
| Hour hand | New York |



London time: 3:00 PM

- When you do not know time of which area the 24-hour hand shows, set the 24-hour hand and the hour hand correctly following steps on "Setting the 24-hour hand and the hour hand to the same time and calendar" (page 2).

### 2 Check the time difference of the 24-hour hand from UTC (Coordinated Universal Time).

- Proceed to step 5 when you know the time difference between the time of the place you want to see and that which the 24-hour hand currently shows.

### 3 Check the time difference of the place of which you want to see the time from UTC (Coordinated Universal Time).

### 4 Do subtraction of the two time differences.

- Do the following subtraction to find out rotation direction of the bezel and how much you rotate it.
  **(Direction and amount of rotation) = (Time difference of the 24-hour hand from UTC) - (Time difference of the place of which you want to see the time from UTC)**

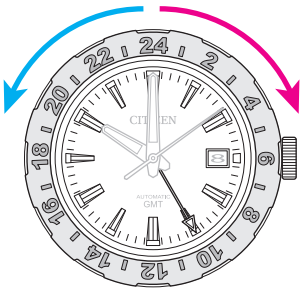
| Plus/minus of subtraction result | Rotating direction of the bezel |
|---|---|
| + | Clockwise (moving time backward) |
| – | Counterclockwise (moving time forward) |

- When the current place of the 24-hour hand and/or the place whose time you want to indicate have summer time and they are in summer time period, subtract "1" for every summer-time-period place.

### 5 Rotate the bezel to set time difference.

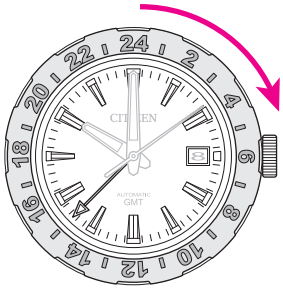
Rotate counterclockwise to move the time forward to set time difference.

Rotate clockwise to move the time backward to set time difference.

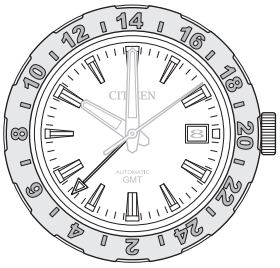


| Ex. | |
|---|---|
| 24-hour hand | London (UTC±0) |
| Hour hand | New York |
| New place of which you want to see the time | Honolulu (UTC-10) |
| Subtraction result of step 4 | +10 = (0) (London) -(-10) (Honolulu) |
| Operation of the bezel | Moving 10 hours backward (rotating clockwise) |

London time: 3:00 PM



Rotate the bezel clockwise by 10 hours.



Honolulu time: 5:00 AM

- The bezel rotates left and right in 30-minute increments.
- Time difference can be set in 1-hour increments.
- Summer time is not applied on the example above.

### 6 Read the time through the 24-hour hand and the scale on the bezel.

- You can read "minute" and "second" ordinarily as they are.

### 7 After reading the time, rotate the bezel to set "24" to the 12 o'clock position to finish the procedure.

## About mechanical watches

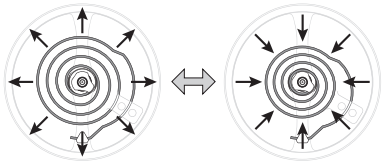
The accuracy of a mechanical watch in this instruction manual is static accuracy at normal temperatures.
Accuracy of a mechanical watch may not be kept within a normal accuracy range due to using conditions such as below.

| | |
|---|---|
| **Winding amount of the mainspring** | A mechanical watch keeps its accuracy best when its mainspring is sufficiently wound. |
| **Posture of the watch** | Accuracy of a mechanical watch varies affected by gravity. The accuracy varies as the result that the watch may take various attitude while worn and gravitate to a different direction every moment. |
| **Temperature** | Metal parts are used for the part for keeping accuracy in a mechanical watch. The accuracy varies affected by their thermal expansion and contraction and change of physical characteristics of a spring owing to temperature variation. *It is recommended to use this watch within +8 °C - +38 °C (46 °F - +100 °F). |
| **Magnetism** | Metal parts are used in a mechanical watch. Magnetism affects them and accuracy of the watch in consequence. Do not bring it close to things which have or generate strong magnetism. |
| **Impact and others** | Strong shocks and continuous vibration may also affect the accuracy. |

### *Taking care of magnetism of your surroundings*

The most important part in a mechanical watch for its time accuracy is “balance”. The balance has a very small and thin spring (hairspring). It oscillates in a certain period of time to keep accuracy of a mechanical watch.

**Oscillation of the hairspring**



Oscillation of the hairspring may fluctuate and total movement of a mechanical watch is consequently affected much if a thing with strong magnetism exists its nearby.

| Everyday items with strong magnetism |
|---|
| Notebook computer, smartphone, tablet, tablet cover, speaker, earphones, headphones, clasps of handbags, magnets used in the latches of refrigerator doors, magnetic health devices, etc. |

Keep the devices and equipment at least 5 cm away from the watch.

### *Caring of a mechanical watch*

Mechanical watches may become inaccurate due to insufficient lubrication or worn parts. Have the watch disassembled and cleaned (overhaul) every 2-3 years (charge basis). It may be difficult to restore the watch from degradation after long-term use to its initial performance even after repairs.

## Troubleshooting

### Movement of a hand seems strange

| Symptom | Remedies | Page |
|---|---|---|
| No hands move. | The mainspring may not be wound enough. Wind up the mainspring manually. | 2 |

### The watch cannot be operated

| Symptom | Remedies | Page |
|---|---|---|
| The crown and buttons do not work. | Screw down crown and buttons must be unlocked before operation. | 1 |

### Mainspring

| Symptom | Remedies | Page |
|---|---|---|
| The mainspring is not wound even after wearing the watch for a certain period of time. | If you do not move your arms much in your daily life, for example you spend a lot of time sat at a desk, the mainspring may not be wound sufficiently. In such cases, wind the mainspring manually. | 2 |

### Time

| Symptom | Remedies | Page |
|---|---|---|
| When using a model equipped with the rotating bezel, I have forgotten which time zone the 24-hour hand is set to. | Rotate the bezel to set its “24” to the 12 o’clock position and read the time of the 24-hour hand.<br>Use the time read to obtain the time difference from the current place after that. | 2,3 |

### Calendar

| Symptom | Remedies | Page |
|---|---|---|
| The calendar changes in the daytime. | AM/PM setting is incorrect. | 2,3 |
| The position of date indication is incorrect. | Changing rotation direction of the crown while the date indication is moving may result in incorrect indication. Move the hour hand again to make the date indication correct. | 2,3 |

# Water resistance

### ⚠WARNING Water resistance

- Refer to the watch dial and/or the case back for the indication of the water resistance of your watch. The following chart provides examples of use for reference to ensure that your watch is used properly. (The unit "1bar" is roughly equal to 1 atmosphere.)
- WATER RESIST(ANT) ×× bar may also be indicated as W.R.×× bar.
- Non-water resistant models are not designed to come into contact with any moisture. Take care not to expose a watch with this rating to any type of moisture.
- Water resistance for daily use (to 3 atmospheres) means the watch is water resistant for occasional accidental splashing.
- Upgraded water-resistance for daily use (to 5 atmospheres) means that the watch may be worn while swimming, but is not to be worn while skin diving or scuba diving.
- Upgraded water-resistance for daily use (to 10/20 atmospheres) means that the watch may be worn while skin diving, but not while scuba diving or saturated diving using helium gas.

| Name | Indication | Specification | Water-related use | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Dial or Case back | | Minor exposure to water (washing face, rain, etc.) | Swimming and general washing work | Skin diving, marine sports | Scuba diving using an air tank | Saturation diving using helium gas | Operate the crown or button when the watch is wet |
| Non-water resistant | — | Non-water resistant | NO | NO | NO | NO | NO | NO |
| Everyday-use water resistant watch | WATER RESIST | Water-resistant to 3 atmospheres | OK | NO | NO | NO | NO | NO |
| Upgraded everyday use water resistant watch | W. R. 5 bar | Water-resistant to 5 atmospheres | OK | OK | NO | NO | NO | NO |
| | W. R. 10 bar<br>W. R. 20 bar | Water-resistant to 10 and 20 atmospheres | OK | OK | OK | NO | NO | NO |

# Precautionary items and usage limitations

### ⚠CAUTION To Avoid Injury

- 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.
- Be careful when putting on and taking off your watch, since there is a risk of damaging your fingernails, depending on the manner in which the band is fastened.
- Take off your watch before going to bed. It may cause an unexpected injury or a rash.

### ⚠CAUTION Precautions

- Always use the watch with the crown pushed in (normal position). If the crown is of the screw lock-type, make sure it is securely locked.
- Do not operate (use the crown and/or buttons) the watch when it is wet. Water may enter the watch causing damage to vital components.
- If water enters the watch or the watch fogs up and does not clear up even after a long time, consult your dealer or an authorized service center for inspection and/or repair.
- Even if your watch has a high level of water resistance, please be careful of the following.
  - If your watch is immersed in sea water, rinse thoroughly with fresh water and wipe with a dry cloth.
  - Do not pour water from a tap directly onto your watch.
  - Take off your watch before taking a bath.
- If seawater enters the watch, place the watch in a box or plastic bag and immediately take it in for repair. Otherwise, pressure inside the watch will increase, and parts (crystal, crown, push button, etc.) may come off.

### ⚠CAUTION When Wearing Your Watch

**<Band>**

- Leather bands and rubber (urethane) bands will deteriorate over time due to perspiration or dirt. In addition, they are made of natural material and will be worn, deformed and discolored over time. It is recommended to replace the band periodically.
- The durability of a leather band may be affected when wet (fading, peeling of adhesive), owing to the properties of the material. Moreover, wet leather may cause a rash.
- Do not stain a leather band with substances containing volatile materials, bleach, alcohol (including cosmetics). Discoloration and premature aging may be occurred. Ultraviolet light such as direct sunlight may cause discoloration or deformation.
- It is recommended to take off the watch if it gets wet, even if the watch itself is water-resistant.
- Do not wear the band too tightly. Try to leave enough space between the band and your skin to allow adequate ventilation.
- The rubber (urethane) band may be stained by dyes or soil present in or on clothing or other accessories. Since these stains may not be removable, caution is required when wearing your watch with items that tend to easily transfer color (articles of clothing, purses, etc.). In addition, the band may be deteriorated by solvents or moisture in the air. Replace with a new one when it has lost elasticity or become cracked.
- Please request adjustment or repair of the band in the following cases:
  - You notice an abnormality with the band due to corrosion.
  - The pin of the band is protruding.
- We recommend seeking the assistance of an experienced watch technician for sizing of your watch. If adjustment is not done correctly, the bracelet may unexpectedly become detached leading to loss of your watch or injury (excluding products containing the band adjustment tool). Consult an authorized service center. Other shops may charge for, or may not provide, the service.

**<Temperature>**

- The watch may stop or the function of the watch may be impaired in extremely high or low temperature. Do not use the watch in places where the temperature is outside the operating temperature range as stated in the specifications.

**<Magnetism>**

- Parts of the movement may be magnetized in a strong magnetic field and it may adversely affect accuracy of the watch.
- Do not allow the watch to come into close proximity to magnetic health devices (magnetic necklaces, magnetic elastic bands, etc.) or the magnets used in the latches of refrigerator doors, clasps used in handbags, the speaker of a cell phone, electromagnetic cooking devices and so on.

**<Strong Shock>**

- Avoid dropping the watch or subjecting it to other strong impact. It may cause malfunctions and/or performance deterioration as well as damage to the case and bracelet.

**<Chemicals, Corrosive Gasses and Mercury>**

- Do not use the watch in environment with chemicals or corrosive gasses. If paint thinner, benzene or other solvents or products containing these solvents (including gasoline, nail-polish remover, cresol, bathroom cleaners and adhesives, water repellent, etc.) 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 band and case.

**<Protective Stickers>**

- Be sure to remove any protective stickers that may be on your watch (case back, band, clasp, etc.). Otherwise, perspiration or moisture may enter the gaps between the protective stickers and the parts, which may result in a skin rash and/or corrosion of the metal parts.

### ⚠CAUTION Always Keep Your Watch Clean

- Rotate the crown while it is pressed in fully and press the buttons periodically so they do not become stuck due to accumulations of foreign matter.
- The case and band of the watch come into direct contact with the skin. Corrosion of the metal or accumulated foreign matter may result in black residue coming from the bracelet when exposed to moisture or perspiration unnoticed soiling such as that caused by perspiration. Be sure to keep your watch clean at all times.
- The case and band of the watch come into direct contact with the skin. In rare circumstances, accumulated dirt, foreign matter may cause irritation with the skin. If you think there is something wrong, discontinue wearing the watch immediately and consult your physician.
  In the case of accumulation of sweat or dirt on a metal band or case, clean thoroughly using a brush and neutral detergent. In the case of a leather or rubber (urethane) band, wipe clean using a dry cloth.
- Leather bands may become discolored by perspiration or dirt. Always keep your leather band clean by wiping with a dry cloth.

**Caring for Your Watch**

- Wipe any dirt or moisture such as perspiration from the case and crystal with a soft cloth.
- For a metallic, plastic or rubber (urethane) watchband, wash any dirt off with water. Remove the small amounts of dirt trapped between the crevices of the metallic band with a soft brush.
- For a leather band, wipe off dirt using a dry cloth.
- 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.

**When Luminous Paint is used for your watch**

The paint on the dial and hands helps you with reading the time in a dark place. The luminous paint stores light (daylight or artificial light) and glows in a dark place.
It is free from any radioactive substance or any other material harmful to a human body or environment.

- The light emission gradually becomes weaker as time passes.
- The duration of the light ("glow") will vary depending on the brightness, types of and distance from a light source, exposure time, and the amount of the paint.
- The paint may not glow and/or may dissipate quickly if exposure to light was not sufficient.

# Specifications

| | |
|---|---|
| Model | 9054 |
| Number of jewels | 24 |
| Type | Automatic mechanical watch |
| Timekeeping accuracy | −10 seconds to +20 seconds per day in average (static accuracy) |
| Operating temperature range | -10°C (14°F) to +60°C (140°F) |
| Display functions | • Time: Hours, minutes, seconds, 24-hour<br>• Calendar: Date |
| Duration | About 50 hours (when fully wound) |
| Beats | 28,800 times per hour (8 beats) |
| Additional functions | • Automatic winding<br>• Manual winding<br>• Second hand stop function<br>• GMT function (You can read two or more times of different time zones on a single dial.)<br>• Type-2 antimagnetic performance |

Specifications and contents are subject to change without prior notice.