

CITIZEN®

INSTRUCTION MANUAL



ENGLISH

FRANÇAIS

ESPAÑOL

DEUTSCH

ITALIANO

PORTUGUÊS

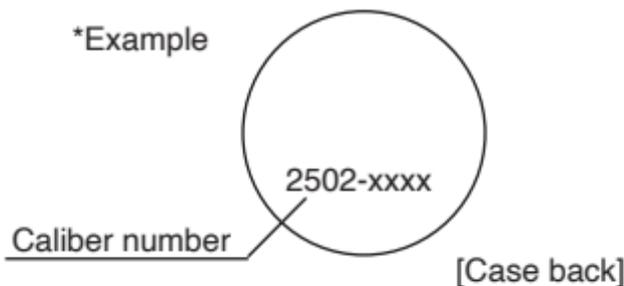
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## A. BEFORE USING

Confirm the caliber number of your watch by the stamp on its case back. This instruction manual explains how to use calibers 2502, 5502, 5503, 5512, 6008 and 6018.



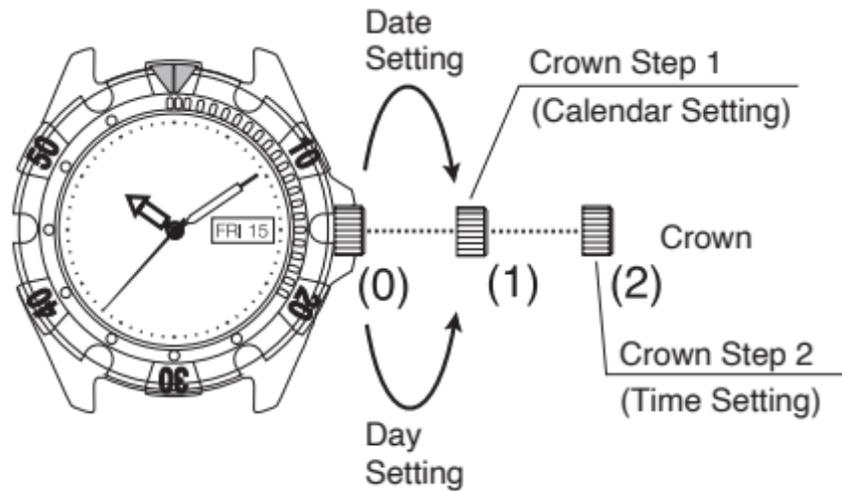
## B. SPECIAL FEATURES OF YOUR WATCH

This instruction book is written for the 200m water resistant divers watch (Caliber 2502, 5502, 5512, 6008, 6018) and 800m water resistant professional diver's watch (Caliber 5503).

These watches have the following special features.

1. The register ring which is very important for checking diving time, has the added function that prevents it from being rotated in the counterclockwise direction to make it much safer. A register ring that can not be turned in the counterclockwise direction.
  2. The screwlock type crown with double O-ring.  
The crown is a screwlock type which uses a double O-ring type with 3 water resistant packings to improve airtightness and water resistance.
  3. The “No decompression limits table” imprinted on the wrist band (There are some models without this table) to enable divers to dive safely.  
The “No decompression limits table” is indicated on the wrist band to enable divers to dive safely.
  4. Helium gas insulation for professional divers watch (Caliber 5503).  
The ability to withstand the pressures of saturated diving using helium gas has been increased.  
By using a strong hard screw type fixed glass ring, the watch is safe even on the off chance that helium gas penetrates the seals.
- \* The specification of each caliber, can be found in section “1. Specifications”.

## C. SETTING THE WATCH



According to the model, the crown may be positioned differently from the illustrations shown, however the operation is the same. So please use this instruction booklet a corresponding way.

- \* The crown of this watch is of screwlock type and must first be turned counterclockwise to loosen it.
- \* Do not operate the crown in water or while the watch is wet.

## 1. Setting the Time

- a. To stop the second hand, wait until second hand is on “0” sec, then pull out crown to position (2).
- b. Turn the crown to set the minute/hour hands to the desired time.
- c. To start the second hand, push the crown back to position (0).

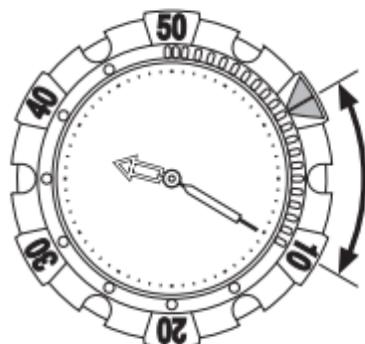
## 2. Setting the Calendar

- a. Pull out the crown to position (1).
  - b. Turn the crown clockwise until the desired day of the week appears.  
Turn the crown counterclockwise until the desired date appears.
- \* Do not set the date and day between 9:00 PM and 4:00 AM otherwise the date and day may not change properly.  
After the time and calendar have been set, be sure to push the crown to the position (0) and lock it by screwing.

## D. HOW TO USE REGISTER RING

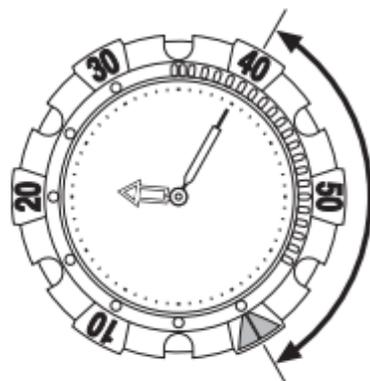
The register ring is a convenient way to keep track of diving time, permitting the indication of the elapsed and remaining times.

- \* Turn the register ring counterclockwise, while pushing it. It is locked under normal conditions to prevent free rotation, and can not be turned in the reverse direction for safety reasons.
- \* Determination of elapsed time: Preset the ▼ mark on the register ring to the minute hand, and the elapsed time can be shown by the register ring scale.
- \* Determination of remaining time: Preset the ▼ mark on the register ring to a certain required time, and the remaining time can be read with the ring scale.



Elapsed time

Elapsed time: shows that 10 minutes have passed since 9:10



Remaining time

Remaining time: shows that 20 minutes remain until 9:25

The register ring can be used for various other activities besides diving, for example parking, walking, and keeping track of the remaining time before departing or before meeting a friend, or however you like.

## **E. NO DECOMPRESSION LIMITS TABLE**

The range of time when it is unnecessary to stop to decompress while surfacing from a dive is determined by the depth and time of the dive. These values are referred to as “No Decompression Limits.” Use these as estimates when diving.

No Decompression Limits, based on the American Navy Diving Manual (1983), are printed on the band of this watch. (Some models may not have this chart.)

### <Reading the chart>

DEPTH. m -- N.D. TIME

12 m ----- 200 Min.

15 m ----- 100 Min.

18 m ----- 60 Min.

21 m ----- 50 Min.

24 m ----- 40 Min.

27 m ----- 30 Min.

30 m ----- 25 Min.

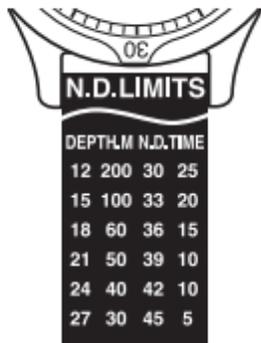
33 m ----- 20 Min.

36 m ----- 15 Min.

39 m ----- 10 Min.

42 m ----- 10 Min.

45 m ----- 5 Min.



**Caution:** The no decompression limit is different depending on body condition, or personal differences. Please use the no decompression limits on this watch as a guideline.

When a dive requires no decompression limits make sure you follow a specialized divers manual.

**Example:** If the diver is at 21 meters for 50 minutes or less, then it is OK to surface without stopping to decompress.

## F. CARE OF YOUR WATCH

1. Water resistant.....Confirm the degree of water resistance of your watch by the  
The crown must be pushed in at all times. Also on screwlock

- Do not operate the crown in the water or while the watch is wet.

		Indication			
		Dial	Case back	 Against occasional water drop to which it may be temporarily subjected.	
WATER RESISTANT 200m	Water resistant for diving	WATER RESIST***	WATER RESIST (ANT)	OK	
WATER RESISTANT 800m	Water resistant for professional diving	PROFESSIONAL SATURATION ***OR PROFESSIONAL DIVER'S	 WATER RESIST (ANT)	OK	

case back and dial. and refer to the following table for the use of your watch.  
type crowns, screw should be tightened completely.

### Water-related use

				
<p>Using it during kitchen work, swimming, washing a car, boating or water skiing.</p>	<p>Using it while skin diving.</p>	<p>Using it while scuba diving.</p>	<p>Using it in a saturated diving (helium gas) environment such as used for professional diving.</p>	<p>pulling out the crown when the watch is wet.</p>
<p>OK</p>	<p>OK</p>	<p>OK</p>	<p>NO</p>	<p>NO</p>
<p>OK</p>	<p>OK</p>	<p>OK</p>	<p>OK</p>	<p>NO</p>

- Clouding of glass  
Since there is some moisture in a watch, if outside temperature is lower than inside the watch, the glass may get fogged. If the fog clears soon, it is not a problem. If it does not clear soon, however, have it checked immediately.
- 2. Protective Packings
  - Packings incorporated in this watch (for its caseback, crown and glass) prevent entering of water, dust and other foreign matters into the watch to protect its functions. Periodical replacement of these packings (every 2 years approximately) is recommended since they may become subject to brittleness and/or their elasticity may decrease after long-time use.
- 3. Use for diving
  - Be sure to check the following points when you use this watch for diving.
  - a. Before diving
    - Isn't it a time to replace the power cell?
    - The time has been properly set.
    - The crown is properly in lock position.
    - The register ring properly rotates counterclockwise. It does not rotate clockwise (never force to rotate it at this time).

- There are no scratches in the wrist band and no cracks nor chipped portions in the glass of the watch. Also, the wrist band should be fastened tightly to the watch case.
- b. While diving
- Never operate the crown in water.
  - Be careful not to hit the watch against a rock or equipment.
- c. After diving
- Wash the watch with fresh water to prevent rust formation due to sea water.
  - Wipe off water droplets adhering to the watch after washing.

### **Watch Band**

- If the watchband shows cracks, replace it with a new band.
- When replacing the watchband, also replace the spring bars connecting the watch and the band.

### **Temperature**

Avoid exposing the watch to direct sunlight or leaving it in extremely hot or cold locations for a long period of time.

- This will cause malfunctioning and shorten the life of the battery.
- This may cause your watch to gain or lose time and affect its other functions.

## **Shock**

- This watch will withstand the bumps and jars normally incurred in daily use and while playing such non-contact sports as golf and catchball.
- Dropping the watch on the floor or otherwise imparting severe shock to it may cause malfunctioning or damage.

## **Magnetic Fields**

This watch is antimagnetic up to 60 gauss and not affected by the magnetic fields produced by ordinary household electric appliances. If used in the immediate vicinity of strong magnetism, however, the watch's functions may temporarily be affected.

## **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 lose its accuracy.

## **Chemicals and Gases**

Avoid wearing the watch in the presence of strong chemicals or gases. If the watch comes in contact with such solvents as thinner and benzine or products containing materials such as gasoline, polish, detergent or adhesive, its components may discolor, dissolve, or crack. Be especially careful to avoid chemicals. The watchcase or band may discolor if they come in contact with mercury from a broken thermometer or other equipment.

## **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.

## **Safekeeping**

If you do not use the watch for an extended period of time, wipe off perspiration, soil and moisture thoroughly and keep it in a place not exposed to extremely high or low temperatures or high humidity. Don't leave a dead battery in the watch for a long time and be sure to replace it with new one. If battery fluid leaks out, it may damage movement components.

## **Keep Your Watch Clean**

Wipe off soil and moisture from the glass with a soft, absorbent cloth. If you wear the watch when the back side of the case and watchband is soiled, they may cause a skin rash as they come in direct contact with your skin. Keep your watch clean also to avoid staining your cuffs.

How to clean the watchband:

- Metal band  
Wash soiled parts with a tooth brush in mild, soapy water.
- Plastic or rubber band  
Wash in water. Do not use solvent.
- Leather band  
Rub lightly on the front side with a soft, dry cloth. Use a cloth moisturized with alcohol to clean the under side.

## G. BATTERY REPLACEMENT

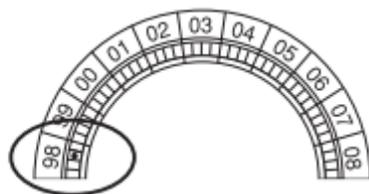
### 1. Life of Initial Battery

The battery installed in the watch before your purchase has been used for monitoring the watch's functions and performance. Please note that its life may run out before the span of 3 years (6008, 6018)/5 years (2502, 5502, 5503, 5512).

### 2. Battery Life Indicator (2502/5502/5503/5512/6018)

When the battery is nearly dead, the second hand starts moving in two second increments.

### 3. If your watch has the “next date the battery should be changed” stamped on the back, we recommend that you change the battery before this date.



4. Battery replacement of the professional diver's watch (Caliber 5503).
- This watch's battery needs to be replaced at the Citizen Service Center only.
  - The Service Center will check water resistance and replace packings if necessary at the time of battery replacement.
  - If a dead battery is left in the watch, it may cause malfunctioning or damage due to fluid leakage.
  - If you are planning to use this watch for a long period of time in a foreign country, we recommend that you have the battery replaced before you leave.
  - **Be sure to keep the battery out of reach of your children. If the battery is accidentally swallowed by a child, take him or her immediately to a doctor.**

#### California Law, Regulation for perchlorate

- Perchlorate Material special handling may apply.  
See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).

## **H. AFTER SALES SERVICE OF PROFESSIONAL DIVER'S WATCH**

A high water resistant watch such as professional diver's watch needs to have various inspections to keep its water resistance. Accordingly, if a watch of this kind needs any repair, including replacement of its battery, ask CITIZEN SERVICE CENTER directly or through a watch dealer.

# I. SPECIFICATIONS

Caliber number		2502	5502	
Time accuracy (at 5°C to 35°C/41°F to 95°F)		±15 seconds per month	±20 seconds per month	
Effective temperature range		-10°C to +60°C		
Additional features	Calendar (quick-advance feature)	Day and Date	Day and Date	
	Battery life indicator	with	with	
Battery	Parts number	280-31	280-31	
	Code number	SR920SW		
	Battery life	Approximately 5 years		
Water resistance		For diving 200m	For diving 200m	

\* For product improvement, specifications are subject to change without prior notice.

	5503	5512	6008	6018
	±15 seconds per month	±20 seconds per month	±20 seconds per month	±15 seconds per month
(14°F to 140°F)				
	Day and Date	Date	Day and Date	Date
	with	with	without	with
	280–31	280–31	280–34	280–34
			SR621SW	SR621SW
			Approximately 3 years	
	For professional diving 800m	For diving 200m	For diving 200m	For diving 200m

Model No. BK3 \* / Cal.2502

Model No. AJ0 \* · AJ3 \* · AJ9 \* · AQ0 \*  
/ Cal.5502 · 5503 · 5512

Model No. EM5 \* / Cal.6008 · 6018

CTZ-B8022⑤