

# CITIZEN®

## Setting Instructions for Movement Caliber 6810

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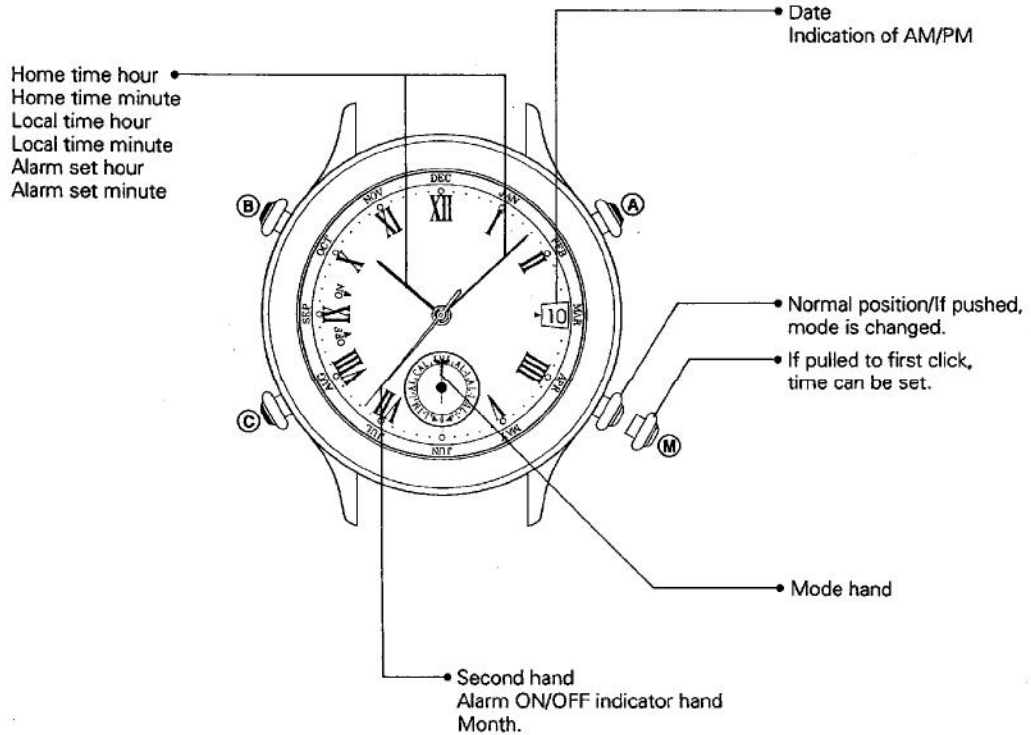






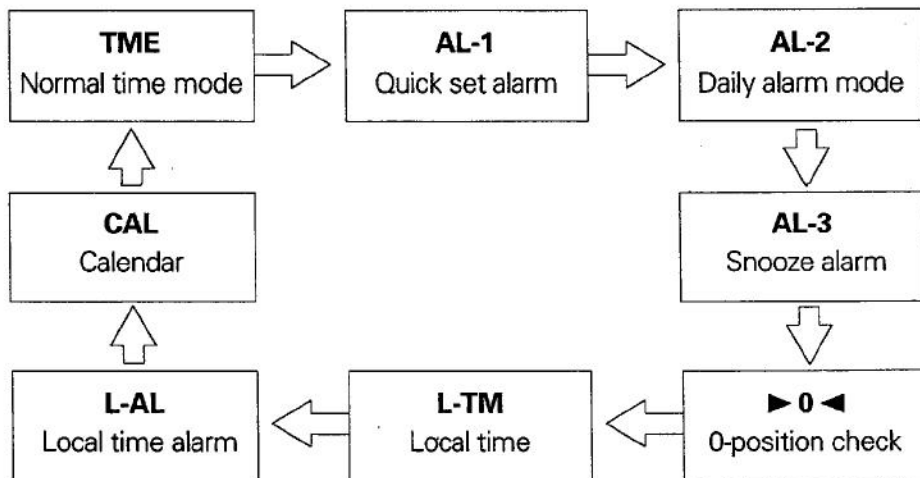
# 1

## MAIN COMPONENTS



## MODE CHANGE-OVER

If the (M) button is pushed from its normal position, the mode is changed in the following order.



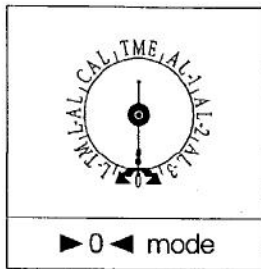
**Note:**

The mode button can be pushed by accident. Check it occasionally and correct if necessary.





## BEFORE USE



Before using this watch, be sure to confirm by the following method in the ► 0 ◀ mode that each function works normally.

- 1) If the zero adjustment has been performed correctly, the hour, minute and second hands are set to the following positions.

Hour hand: 12 o'clock

Minute hand: 0 minute

Second hand: 0 second

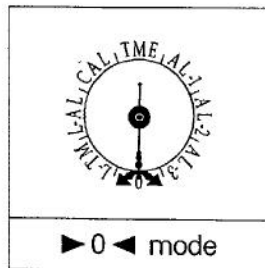
Window : ► ◀ 0

If any hand is not set as shown above, perform the zero adjustment.

### Notes:

If any one of the (A), (B) and (C) buttons is pushed with the (M) button at the normal position, the hour, minute and second hands move to right and left and the date hand moves up and down for demonstration.

## ZERO POSITION SETTING



- 1) Pull the (M) button to the first click.

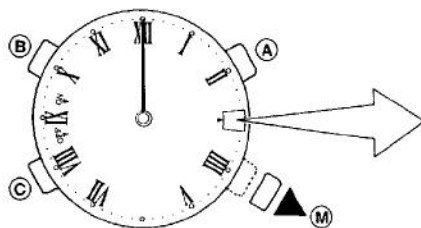
Push the (A) button to set the second hand to 0 second (top of dial).

Push the (B) button to set the ► mark on the dial to the ◀ 0 mark in the window.

Push the (C) button to set the hour and minute hands to 12 o'clock and 0 minute (top of dial).

- 2) Securely push the (M) button to the normal position.

The zero adjustment is finished by this operation.



► ◀ 0

### Notes:

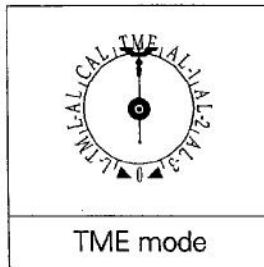
1. The zero position may shift if a strong shock is given to the watch.
2. If the (A), (B) or (C) button is pushed and held, the related hand moves fast.





## HOW TO SET AND OPERATE EACH MODE

### 1. SETTING THE TIME



Pull the **(M)** button to the first click in the time mode to set the time.

#### Roles of hands and setting method of them

	<b>(M)</b> button at normal position	<b>(M)</b> button at first click (Setting position)	Setting
Hour hand	Home time hour	Home time hour	<b>(B)</b> button Hour/minute hand clockwise adjustment  <b>(C)</b> button Hour/minute hand counterclockwise adjustment
Minute hand	Home time minute	Home time minute	
Second hand	Second	Second	Return second hand to 0 with <b>(A)</b> button.
Window	Date	AM/PM indication	Automatically set when hour and minute are set (Cannot be set by itself).

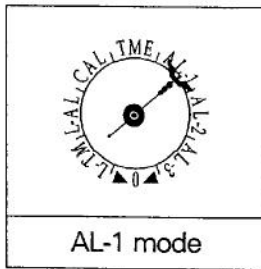
#### Notes:

- Return to 0:  
When the **(A)** button is pushed, if the second hand is at 0–29 seconds, the minute hand is not changed, and if the former is at 30–59 seconds, the latter is advanced by 1 minute.
- If the **(B)** or **(C)** button is pushed and held, the related hand moves fast.
- After the time is set, return the **(M)** button to its normal position.





## 2. SETTING QUICK SET ALARM



While the alarm is turned off, the hour, minute and second hands are set to the present time. Accordingly, they can be easily set to a desired alarm time.

If the alarm finishes sounding once, the alarm setting is automatically reset and all the hands return to the present time (The alarm sounds for 10 seconds).

When setting the alarm, the **(M)** button does not need to be pulled to the first click.

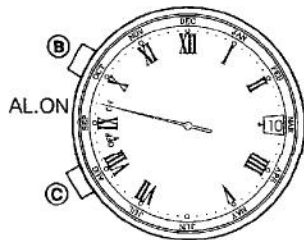
### Roles of hands and setting method of them

	<b>(M)</b> button at normal position	Setting
Hour hand	Alarm set hour	<b>(B)</b> button    Hour/minute hand clockwise adjustment <b>(C)</b> button    Hour/minute hand counterclockwise adjustment
Minute hand	Alarm set minute	
Second hand	Alarm ON/OFF indication	Sound monitor (5 sec)/Alarm cancel with <b>(A)</b> button.
Window	AM/PM indication	Automatically set when hour and minute are set (Cannot be set by itself).

### Notes:

If the **(B)** or **(C)** button is pushed and held, the related hand moves fast.

### Quick set alarm ON/OFF indication



If the alarm is set with the **(B)** and **(C)** buttons, the second hand indicates AL.ON.

*If the alarm is turned off, the second hand indicate the normal time*

### Alarm cancel/Sound monitor

If the **(A)** button is pushed while the second hand is indicating AL.ON, *the alarm is canceled.*

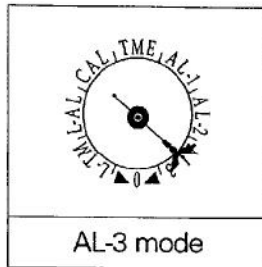
If the **(A)** button is pushed while the second hand is indicating the normal time (alarm is turned off), alarm sound can be confirmed. *The sound monitor continues for 5 seconds.*







#### 4. SETTING THE SNOOZE ALARM



The alarm sounds once at the alarm set time and two more times at the interval of 3 minutes, that is, three times in total. Sounding continues for 15 second each time.

When setting the daily alarm, pull the **(M)** button to the first click.

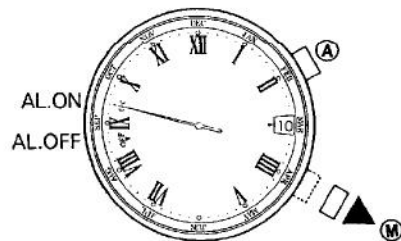
#### Roles of hands and setting method of them

	<b>(M)</b> button at normal position	<b>(M)</b> button at first click (Setting position)	Setting
Hour hand	Alarm set hour	Alarm set hour	<b>(B)</b> button Hour/minute hand clockwise adjustment  <b>(C)</b> button Hour/minute hand counterclockwise adjustment
Minute hand	Alarm set minute	Alarm set minute	
Second hand	Alarm ON/OFF indication	Auto alarm ON (OFF → ON) (ON → ON)	Turn on/off alarm with <b>(A)</b> button.
Window	AM/PM indication	AM/PM indication	Automatically set when hour and minute are set (Cannot be set by itself).

#### Notes:

1. If the **(B)** or **(C)** button is pushed and held, the related hand moves fast.
2. After the time is set, return the **(M)** button to its normal position.

#### Snooze alarm ON/OFF indication



If the **(M)** button is pulled to the first click while the second hand is indicating AL.OFF, the alarm is turned on automatically (Auto Alarm ON).

Every time the **(A)** button is pushed after the **(M)** button is pulled out, the alarm is turned on and off.

#### Stopping of sound monitor/daily alarm

If the **(A)** button is pushed with the **(M)** button at the normal position, regardless of the state of the alarm, alarm sound can be checked. The sound monitor continues for 6 seconds.

If any one of the **(A)**, **(B)** and **(C)** buttons is pushed for 3 seconds while the snooze alarm is sounding, the alarm (including the snooze alarms 3 and 6 minutes later) stops sounding.

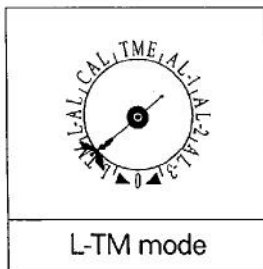
#### Note:

If the button is released in 3 seconds, the alarm does not stop sounding.





## 5. SETTING THE TIME



When taking a trip abroad, the local time of this watch is set to the time in each place, that is, this watch can be used as dualtime watch.

Set the time in the local time mode with the **(M)** button pulled to the first click.

### Roles of hands and setting method of them

	<b>(M)</b> button at normal position	<b>(M)</b> button at first click (Setting position)	Setting
Hour hand	Home time hour	Local time hour	<b>(B)</b> button Hour/minute hand clockwise adjustment  <b>(C)</b> button Hour/minute hand counterclockwise adjustment
Minute hand	Local time minute	Local time minute	
Second hand	Second	Second	Cannot be corrected.
Window	AM/PM indication	AM/PM indication	Automatically set when hour and minute are set (Cannot be set by itself).

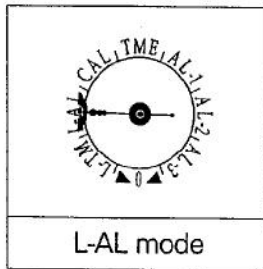
### Notes:

1. The hour and minute hands are interlocked and can be set by the unit of 30 minutes. The second hand cannot be corrected in the local time mode.
2. If the **(B)** or **(C)** button is pushed and held, the related hand moves fast.
3. After the time is set, return the **(M)** button to its normal position.





## 6. SETTING THE LOCAL TIME ALARM



If the alarm time is set once, the watch sounds at the same local time every day (for 15 seconds) like an alarm clock.

When setting the daily alarm, pull the **(M)** button to the first click.

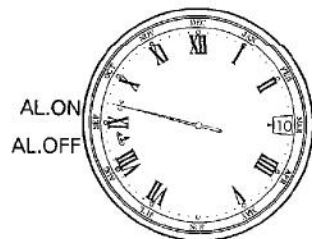
### Roles of hands and setting method of them

	<b>(M)</b> button at normal position	<b>(M)</b> button at first click (Setting position)	Setting
Hour hand	Alarm set hour	Alarm set hour	<b>(B)</b> button Hour/minute hand clockwise adjustment  <b>(C)</b> button Hour/minute hand counterclockwise adjustment
Minute hand	Alarm set minute	Alarm set minute	
Second hand	Alarm ON/OFF indication	Auto alarm ON (OFF → ON) (ON → ON)	Turn on/off alarm with <b>(A)</b> button.
Window	AM/PM indication	AM/PM indication	Automatically set when hour and minute are set (Cannot be set by itself).

#### Notes:

1. If the **(B)** or **(C)** button is pushed and held, the related hand moves fast.
2. After the time is set, return the **(M)** button to its normal position.

#### Local time alarm ON/OFF indication



If the **(M)** button is pulled to the first click while the second hand is indicating AL.OFF, the alarm is turned on automatically (*Auto Alarm ON*).

Every time the **(A)** button is pushed after the **(M)** button is pulled out, the alarm is turned on and off.

#### Stopping of sound monitor/local time alarm

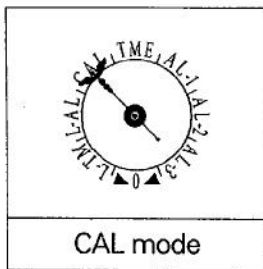
If the **(A)** button is pushed with the **(M)** button at the normal position, regardless of the state of the alarm, alarm sound can be checked. *The sound monitor continues for 5 seconds.*

If any one of the **(A)**, **(B)** and **(C)** buttons is pushed while the daily alarm is sounding, *the alarm stops sounding.*





## 7. SETTING THE CALENDAR



The calendar of this watch does not need to be corrected at the end of each month.

For example, this watch indicates the next day of June 30 as July 01.

Since this watch cannot indicate February 29, however, correct it in each leap year (February 29).

### Roles of hands and setting method of them

	Ⓜ button at normal position	Ⓜ button at first click (Setting position)	Setting
Hour hand	Home time hour	Home time hour	Cannot be corrected.
Minute hand	Home time minute	Home time minute	Cannot be corrected.
Second hand	Month	Month	Set month with ⓐ button.
Window	Date	Date	ⓑ button Hour/minute hand clockwise adjustment ⓒ button Hour/minute hand counterclockwise adjustment

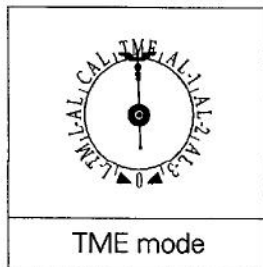
### Notes:

- Automatic non-existing date correcting function:  
If the calendar is set to a non-existing date and the Ⓜ button is returned to the normal position, the calendar is automatically set to the first day of the next month.  
Example: September 31 → October 01
- If the ⓐ, ⓑ or ⓒ button is pushed and held, the related hand moves fast.
- After the time is set, return the Ⓜ button to its normal position.





## 8. MONITOR FUNCTION

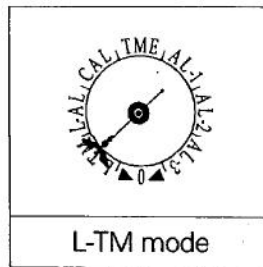


### Daily alarm monitor (AL-2)

If the (B) button is pushed in the TME mode, the set time of the daily alarm can be checked (for 10 seconds).

If any one of the (A), (B) and (C) buttons is pushed, the *monitor function is reset*.

Even if a button is not pushed, the watch *automatically returns to the normal mode after 10 seconds*.



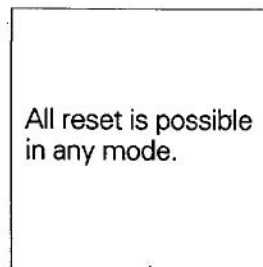
### Local time alarm monitor (L-AL)

If the (B) button is pushed in the local time mode, the set time of the local time alarm can be checked (for 10 seconds).

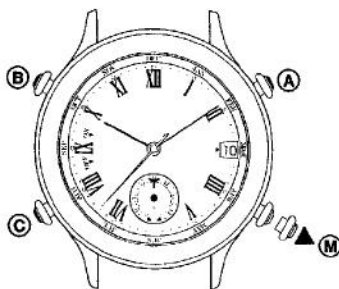
If any one of the (A), (B) and (C) buttons is pushed, the *monitor function is reset*.

Even if a button is not pushed, the watch *automatically returns to the normal mode after 10 seconds*.

## ALL RESET



Perform the all reset operation after the battery is replaced or the watch operates abnormally.



- 1) Pull the (M) button to the first click.
- 2) Securely push the (A), (B) and (C) buttons at the same time for 2 seconds or more.

If all the buttons are released, the hour, minute and second hands and date dial move for demonstration and the confirmation sound comes out.

After the above operation is confirmed, return the (M) button to the normal position.

Then, perform the zero adjustment in the zero-position check mode (► 0 ◀ mode).  
(See the section of the zero adjustment.)



# PRECAUTIONS ABOUT CARE AND HANDLING OF WATCHES

## TEMPERATURE CARE

Avoid temperature extremes. Exposing your watch to high temperatures, such as placing it on the dashboard of a vehicle or use in a hot tub, may cause the watch to malfunction, shorten battery life or damage certain components. Leaving the watch in extreme cold temperatures may cause irregular timekeeping until the watch returns to normal operating temperature.

## SHOCK-RESISTANT

The watch may be worn while playing golf or other activities, but avoid severe shocks such as dropping it on a hard surface.

## MAGNETIC-RESISTANT

No problem should occur from using the watch around ordinary household electric appliances such as TV sets or stereos. Keep away from magnets.

## CHEMICAL/GAS RESISTANT

Do not expose the watch to chemicals or gases for long periods.

## WATCH CLEANING

Stains, waterspots and accumulated dirt on the case, crystal or band should be removed with a soft cloth to prevent damage and premature wear.

## HANDLING OF WATER-RESISTANT WATCHES

Although water-resistant watches are warranted, steps should be taken to avoid damage that may result from accidents or mishandling:

- Do not operate the crown or push-button in the water or while the watch is wet. Tighten screw lock crown completely.
- Should the watch become immersed in water, dry it off right away. If the watch comes in contact with salt water, be sure to rinse it thoroughly in warm fresh water to remove any trace of salt.
- If a watch is wet from cleaning or by accident, never store it in a closed container. It should be dried immediately or taken to a watchmaker or jeweler if moisture is inside the case to prevent damage from rust.
- Vital components necessary to resist the entrance of moisture deteriorate with time and use. Gaskets, crowns and other materials should be replaced every year or two to ensure

that water resistant quality remains at factory specifications.

## CARE FOR METAL BRACELETS

To extend the life and maintain the good appearance of the metal watch bracelet, the following recommendations are given:

- Be aware that since the watch and bracelet is worn next to the skin, it collects dust and perspiration and becomes soiled if not cleaned regularly. This is particularly true of the inner parts of the links or mesh of the bracelet.
- Soil and rust, when present in a bracelet, are dissolved by perspiration and can cause staining of cuffs and irritation of the skin in some instances.
- Heavy perspiration should be wiped off the watch and bracelet with a soft dry cloth. The bracelet should be cleaned occasionally by using an old toothbrush and warm soapy water after which the soap is thoroughly rinsed with clear water and the bracelet dried completely. The foregoing manner of cleaning should not be done if the watch is not water-resistant but should instead be done by your jeweler.





## CARE FOR STRAPS

### LEATHER

- Heavy perspiration, if not removed from a leather strap, can wash out the natural oils and cause the leather to become dry and deteriorate. Any moisture should be blotted with a soft dry cloth or paper towel and the strap allowed to dry naturally.
- Salt residue and soil can be removed from the leather by cleaning with a dampened soft cloth and mild soap or saddle soap.
- Occasionally, the inside surface of the strap should be cleaned by using a soft cloth dampened with alcohol.
- The strap should always be worn a little loosely (one finger space between wrist and strap) to allow air to circulate thus causing any moisture to evaporate.

### RUBBER

- Rubber straps should be washed frequently with mild soap and warm water using a soft brush.
- Thorough cleaning, using the same method, should especially be done after use in salt water.
- Solvents, oils, perspiration, tanning lotion and salt can cause rubber to deteriorate if not removed.

Marking on the Dial	Marking on the Caseback	 Face washing, splashes, sweat, raindrops, etc.	 Swimming	 Skin diving (diving without air tanks)	 Scuba diving (diving with air tanks)	Water-resistant characteristics
NONE	NONE	NO	NO	NO	NO	Non water-resistant watch and must be kept away from water.
NONE	WATER RESIST	OK	NO	NO	NO	An ordinary water-resistant watch and can withstand splashes, sweat, rain-drops and etc. for daily life use.
WR100M WR10bar WR150M	WATER RESIST	OK	OK	OK	NO	For frequent use with water. It is not specially designed for scuba diving.
WR200M	WATER RESIST	OK	OK	OK	OK	For skin and scuba diving. Usable up to the respective indicated depths.

The water-resistant quality of our timepieces is offered in varying degrees depending on the model. This ranges from non-water resistant models to those suitable for SCUBA diving. Water resistance of our timepieces is measured in BAR or Barometric Pressure. Each BAR of pressure is equal to 14.5 pounds per square inch of pressure.

Water resistance is measured when the watch is at a static, or motionless state. As the watch is moved in water, such as from the motion of swimming, pressure is added from velocity. While you may be swimming in a pool at surface level, the watch may be experiencing forces equal to that of 100 feet of water pressure (3 BAR). Diving into a pool can cause forces on the watch to exceed those pressures. As such, you should always allow a margin of safety when exposing your watch to moisture. Never "push the limit" of the degree of water resistance of your timepiece.

A primary factor to keep in mind about water resistance is that periodic maintenance is needed to maintain original factory specifications for water resistance. When a watch is new, it meets specifications for water resistance as indicated on the case back. However, as the watch ages, the gaskets that seal the watch become dry and brittle, diminishing its water resistant quality. Exposure to environments such as chlorinated pools, salt water or soaps from showering can accelerate drying of the gaskets. We recommend that the gaskets be changed at least every 18 to 24 months to maintain the water resistant quality of your timepiece. If the watch is frequently exposed to chlorinated pools, soaps salt water, etc., we recommend that the gaskets be changed on a yearly basis.

From time to time, you may notice condensation that appears then goes away after a short period of time. This is a normal occurrence and happens primarily from sudden temperature changes. When there are sudden temperature changes such as entering a cool building from the hot out of doors, or jumping into pool on a hot day the watch may fog. Conversely, if you go to the cold outdoors from a warm building, fogging may occur. As long as the fogging clears in a short period of time, there is no need for concern.

Be sure the crown is completely pushed in prior to any contact with moisture. If your model is equipped with a screw down crown, be sure it is properly seated against the case. Do not operate the crown or any push button when the watch is wet as this may allow the entrance of moisture. . If at anytime, you notice moisture in your timepiece that does not clear in a short period of time, you should send your timepiece as soon as possible to the nearest Authorized Service Center for inspection.

You can determine the level of water resistance of our watches from the markings on your case-back. Additionally, models that are water resistant to 100 or 200 meters have an indication on the dial as well. The case-backs and dials are normally marked as follows:

**The case back has no indication of water resistance**

This indicates the watch is a non water-resistant model and is not designed for contact with moisture at all. Caution should be exercised to avoid any contact with moisture, such as when washing your hands or from a rainstorm.

**"Water Resist"**

This watch is designed to withstand water from accidental splashing, such as from washing your hands or rain. Any submersion into water may result in the entrance of moisture.

**"Water Resist 10BAR" or "W.R. 10BAR", Dial marked "WR100"**

This watch is designed to withstand water pressure up to 333 feet. This includes water exposure from accidental splashing and rain, but also from showering, swimming in a pool and snorkeling. Be sure to rinse the watch with fresh water after exposure to a chlorinated pool, salt water, soaps, etc. After rinsing with fresh water, be sure to dry the exterior with a soft cloth.

**"Water Resist 20BAR" or "W.R. 20BAR", Dial marked "WR200"**

This watch is designed to withstand water pressure up to 666 feet. This includes all exposure to water up to and including recreational SCUBA diving. Be sure to rinse the watch with fresh water after exposure to a chlorinated pool, salt water, soaps, etc. After rinsing with fresh water, be sure to dry the exterior with a soft cloth.

**Special Note about Jacuzzis and Hot Tubs**

The various components used in the manufacture and assembly of your watch expand at various rates. This results in a loss of the sealing capabilities of gaskets, which may allow moisture to enter. In addition, heat from these sources can cause deformation of certain materials leading to mechanical failures. For these reasons, you should remove your watch before entering a hot tub or Jacuzzi.