

WARNING The symbol and character indicate that unless the following safety regulations are strictly observed, serious personal injury may result.

CAUTION The symbol and character indicate that unless the following safety regulations are strictly observed, slight personal injury or property may result.

REMARKS ON LUMINESCENCE

Note on Luminescence

Luminescence is a luminous paint that is completely harmless to human beings and natural environment, containing no noxious materials such as radioactive substance.

Luminescence is a newly-developed luminous paint that absorbs the light energy of the sunlight and lighting apparatus in a short time and stores it to emit light in the dark.

For example, if exposed to a light of more than 500 lux for approximately 10 minutes, Luminescence can emit light for 4 to 5 hours. Please note, however, that, as Luminescence emits the light it stores, the luminance level of the light decreases gradually over time. The duration of the emitted light may also differ slightly depending on such factors as the brightness of the place where the watch is exposed to light and the distance from the light source to the watch.

<Reference data on the luminance>

Sunlight [Fine weather]: 100,000 lux

[Cloudy weather]: 10,000 lux

Indoor (Window side during daytime)

[Fine weather]: more than 3,000 lux

[Cloudy weather]: 1,000 to 3,000 lux

[Rainy weather]: less than 1,000 lux

Lighting apparatus

(40-watt daylight fluorescent light)

[Distance to the watch: 1m]: 1,000 lux

[Distance to the watch: 3m]: 500 lux

[Distance to the watch: 4m]: 250 lux

SPECIFICATIONS

●Y675, Y676

1. Time indication: Three hands (hour, minute, second), Date, Day
2. Vibrations per hour: 21,600/h
3. Loss/gain: Day rate +45 seconds to -35 seconds at normal temperatures of between 5°C and 35°C
4. Driving system: Mainspring winding (automatic winding)
5. Jewels used: 21 jewels

●YD02

1. Time indication: Three hands (hour, minute, second), Date
2. Vibrations per hour: 21,600/h
3. Loss/gain: Day rate +55 seconds to -35 seconds at normal temperatures of between 5°C and 35°C
4. Driving system: Mainspring winding (automatic winding and self-winding)
5. Jewels used: 17 jewels

※Some models don't display day of the week.

※Due to the mechanism of mechanical watches, actual loss/gain may not fall within the range of time accuracy specified above, depending on the conditions of use, such as the length of time during which the watch is worn on the wrist, life style (whether much arm movement is involved or not), etc.

※The vibration per hour represents the vibration of the balance.

The above specifications are subject to change without notice.

HOW TO USE

HOW TO USE AUTOMATIC MECHANICAL WATCH

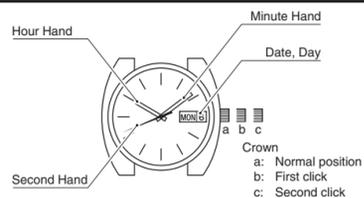
●Y675, Y676

- This is an automatic mechanical watch.
- If the watch is worn on the wrist, the mainspring will be wound automatically through normal wrist movement.
- To start the watch after it stops completely, wind it up by swinging it from side to side until the second hand starts moving. Then, set the time and date before wearing the watch on the wrist.
- Once the watch is wound up fully, it operates more than 40 hours. If the watch is used without being wound up fully, gain or loss of the watch may result. To avoid this, wear the watch for more than 8 hours a day.

●YD02

- This is an automatic mechanical watch with manual winding mechanism.
- If the watch is worn on the wrist, the mainspring will be wound automatically through normal wrist movement. It can also be wound up by turning the crown.
- To start the watch after it stops completely, wind it up either by turning the crown or swinging it from side to side until the second hand starts moving. Then, set the time and date before wearing the watch on the wrist.
- To wind up the watch by turning the crown, turn it clockwise slowly. The watch cannot be wound by turning the crown counterclockwise. After the watch is wound up fully, turning the crown further will not break the spring.
- Once the watch is wound up fully, it operates more than 40 hours. If the watch is used without being wound up fully, gain or loss of the watch may result. To avoid this, wear the watch for more than 8 hours a day. If the watch is used without wearing on the wrist; if it is used on the desk, for example: be sure to wind it up fully every day at a fixed time.

PARTS NAMES



- ※The position of the crown differs according to the model.
- ※Some models don't display day of the week.
- ※Some models have the rotating bezel or rotating inner bezel.

TIME SETTING



- ① Pull out the crown to the second click.
 - ※If your watch is one whose crown cannot be pulled out (a screw-lock type crown), turn the crown counterclockwise to loosen the screw, and then pull out the crown to the second click position.
 - ※The second hand is still moving.



- ② Turn the crown to the current time.
 - ※While setting the time, be sure to check that the correct A.M. or P.M. period is set. (The date will change automatically once every 24 hours.)
 - ※The mechanism of the mechanical watch is different from that of the quartz one. To set the time accurately, first turn the minute hand 4 to 5 minutes behind of the desired time and then advance it to the correct time.



- ③ Push the crown back in to the normal position.
 - ※With a screw-lock type crown model, turn the crown clockwise while depressing it until it locks in place.
 - ※Telephone time signal service (tel.117) is helpful in setting the time.

DATE/DAY SETTING



- ① Pull out the crown to the first click.
 - ※If your watch is one whose crown cannot be pulled out (a screw-lock type crown), turn the crown counterclockwise to loosen the screw, and then pull out the crown to the first click position.



- ② Turn the crown counterclockwise until the date and day for the previous day appears.
 - ※Do not set the date and day between 9:00 p.m. and 4:00 a.m. Otherwise, the date may not change properly. If it is necessary to set the date during that time period, first change the time to any time outside this period, set the date.

Date
 Day



- ③ Pull out the crown to the second click. Advance the hour and minute hands until the desired date appears. The time is now set for the A.M. period. Keep advancing the hands until the correct time.



- ④ Push the crown back in to the normal position.
 - ※With a screw-lock type crown model, turn the crown clockwise while depressing it until it locks in place.

●DATE ADJUSTMENT AT THE END OF THE MONTH

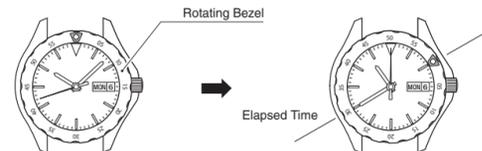
It is necessary to adjust the date at the end of February and 30-day months. [To adjust the date in the A.M. period on the first day of the month following a 30-day month]

The watch displays "31" instead of "1".

- ① Pull out the crown to the first click.
- ② Turn the crown clockwise to set the date to "1", and then push the crown back in to the normal position.

HOW TO USE THE ROTATING BEZEL

The illustration below indicated that 30 minutes have elapsed since the timing started at 10:10 ("10" mark indicated the time when you started timing.)



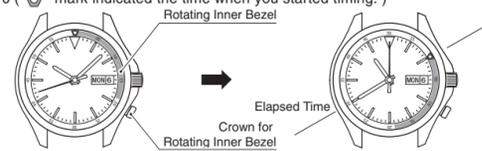
●HOW TO MEASURE THE ELAPSED TIME

Turn the rotating bezel to set "10" mark to the minute hand. After certain amount of time elapsed, read the graduation on the rotating bezel which the minute hand points to. The elapsed time is indicated.

※For safety's sake, the rotating bezel rotates only counterclockwise with clicks. Therefore, accidental rotation of the bezel is prevented, and also the bezel can be easily set to measure the elapsed time.

HOW TO USE THE ROTATING INNER BEZEL

The illustration below indicated that 30 minutes have elapsed since the timing started at 10:10 ("10" mark indicated the time when you started timing.)



●HOW TO MEASURE THE ELAPSED TIME

Turn the rotating inner bezel to set "10" mark to the minute hand. After certain amount of time elapsed, read the graduation on the rotating inner bezel which the minute hand points to. The elapsed time is indicated.

TROUBLE SHOOTING

●The watch gains/loses time.

[Possible cause] It was left in extremely high or low temperature.
→This condition will be corrected when the watch temperature returns to normal.

[Possible cause] The watch was brought into close contact with a magnetic object.
→This condition will be corrected when the watch is kept away from close contact with the magnetic source. If the condition is not corrected, contact the retailer from whom the watch was purchased.

[Possible cause] You dropped the watch, hit it against a hard surface or wore it while playing active sports.
→The accuracy cannot be restored to its original level. Contact the retailer from whom the watch was purchased.

[Possible cause] The watch was not taken in for inspection and adjustment through disassembly/cleaning for a long time exceeding 3 years.
→Contact the retailer from whom the watch was purchased.

●The watch stops operating.

[Possible cause] The mainspring is not wound.
→Swinging the watch from side to side will get it moving again. If this fails, contact the retailer from whom the watch was purchased.

●The date numeral changes in the day time.

[Possible cause] The time is shifted 12 hours.
→Advance the hour hand 12 hours.

●The surface of the glass is foggy.

[Possible cause] Water entered the watch through a deteriorated packing.
→Contact the retailer from whom the watch was purchased.

※For the solution of troubles other than above, contact the retailer from whom the watch was purchased.

TO PRESERVE THE QUALITY OF YOUR WATCH

●PRECAUTIONS ON WEARING YOUR WATCH

WARNING

- In case you tumble, fall or bump into others with the watch worn on your wrist, you may be injured by the reason of the fact that you wear the watch.
- When you make contact with children, especially with infants, they may get injured or develop a rash caused by allergy.
- Your watch may damage property or malfunction depending on your actions when wearing it. Special care should be taken.

CAUTION

- When clasping and unclasping the band, you may damage your nail, depending on the type of clasp used with the band.

●CARE OF YOUR WATCH

CAUTION

- The case and bracelet touch the skin directly just as underwear. If they are left dirty, the edge of a sleeve may be stained with rust or those who have a delicate skin may have a rash.
- After removing the watch from your wrist, wipe perspiration or moisture with a soft cloth. This will prevent the watch from being soiled, this allowing for prolongation of the life of the gasket.
- Your watch is extremely sensitive to chemicals, including benzene, thinner, alcohol, detergent and other organic solvents. Keep your watch away from chemicals and avoid their chemical reaction to your watch. If not, it may be deteriorated.

(Leather band)

When removing moisture from a leather band, do not rub the band with the cloth as this may discolor it or reduce its gloss. Be sure to blot up the moisture using a soft dry cloth.

(Metal band)

Clean the watch band with a soft toothbrush dipped in water or soapy water, and be sure to blot up the moisture using a soft dry cloth. If your watch is not water-resistant, be careful not to get the case wet when cleaning.

(Soft plastic band)

If your watch has a soft plastic band such as urethane band, do not leave the watch under a fluorescent lamp or direct sunlight for a long time, or do not leave the band soiled. Otherwise, the band may be discolored, hardened or broken. Also, do not keep the watch in a place where it is exposed to high humidity, or do not leave the band wet with perspiration or water. Otherwise, the band may be discolored in a very short time.

When the band is soiled, rinse it in soapy water. Do not use solvents for cleaning as some solvents may deteriorate the band.

If your watch has a semitransparent urethane band, which is easily discolored, special care should be taken to keep it clean. Depending on the condition of use, the semitransparent band may be discolored after several months of use.

●RASH AND ALLERGY

CAUTION

- Adjust the bracelet or band so that there will be a little clearance between the bracelet or band and your wrist to avoid accumulation of perspiration.
- If you are constitutionally predisposed to rash, the band may cause you to develop a rash or disorder depending on your physical condition.
- The possible causes of the rash are as follows:
 1. Allergy to metals or leathers
 2. Rust, dust or perspiration on the watch or band
- If you develop any skin reactions, take off the watch and consult a doctor immediately.

●WATER RESISTANCE

Check the dial or case back of your watch for the water resistant quality, and then see the table below.

	Designed to withstand water usually experienced in daily living such as splashes and rain.	Designed to withstand swimming and kitchen work.	Skindiving without scuba.	Genuine diving using scuba or heliumgas.	Button operation when the watch is wet.	Crown operation when the watch is wet.
"WATER RESISTANT" is not inscribed on the back of your watch case.	×	×	×	×	×	×
"WATER RESISTANT" is inscribed on the back of your watch case.	○	×	×	×	×	×
"WATER RESISTANT 5-10-15-20 ATM." on the back of your watch case.	5 BAR	○	○	×	○	×
	10-15-20 BAR	○	○	○	○	×

WARNING

- NEVER WEAR a 10-, 15-, or 20-bar water-resistant watch during saturated diving and air diving.
- NEVER WEAR a 5-bar water-resistant watch during any type of diving including skin diving.
- NEVER PUT a 3-bar water-resistant watch into water.

CAUTION

- After you use a 5-, 10-, 15-, or 20-bar water-resistant watch in a bathing place, remove salt, etc. as soon as possible. If not, the watch may be rusted. If you rinse the watch under running water, excessive water pressure applies to the watch, this causing a failure in its water resistance. Always rinse the watch in a pot or bowl and be careful not to apply excessive water pressure to the watch.
- If a leather band gets wet, its durability may be affected.

●PLACES TO KEEP YOUR WATCH

When not in use, the watch may be damaged, deteriorated or broken in any of the following cases:

- ① If the watch is exposed to a temperature below -5°C or above +50°C for a long time, its performance may be impaired or it may stop operating.
- ② If the watch is exposed to direct sunlight, high temperature or low temperature for a long time, it may gain or lose in timekeeping.
- ③ If the watch is exposed to magnetic leakage from TV sets, speakers, mobile phones, magnetic necklaces, etc., it may gain or lose in timekeeping.
- ④ If the watch is exposed to strong vibration, it may be broken or gain or lose in timekeeping.
- ⑤ If the watch is exposed to chemicals or chemical steam, it may deteriorate or be broken. Examples of chemicals: Benzine, thinner, manicure, cosmetics spray solvents, cleaners, toilet solvents, adhesive agents, mercury, iodized disinfectants, insect repellents, etc.
- ⑥ If the watch is exposed to hot spring water or other special environment or put in a box containing insect-killer, it may be deteriorated.
- ⑦ It is recommended that the watch be put in a clean box or case and stored in a well-ventilated place.

●PERIODIC CHECK

- We suggest that you have your watch checked every 2 or 3 years by the retailer from whom you purchased the watch. Depending on how the watch is used, the lubrication of the watch mechanism may become insufficient, parts may become worn due to impurities in the lubricating oil, or the watch may be running noticeably fast or late. Seals, etc., may also become worn and the watch may stop being waterproof. Take your watch to the retailer from whom you purchased it for inspection and adjustment through disassembly/cleaning.
- When replacing the parts, please specify "GENUINE PARTS".
- It is recommended that the gasket and the push-pin be also replaced with new ones.