

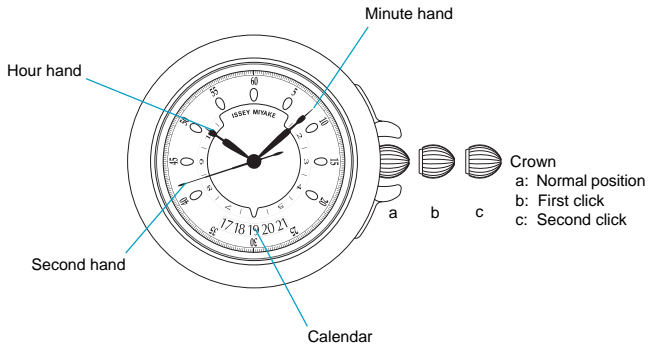
CONTENTS

HOW TO USE	18
TO PRESERVE THE QUALITY OF YOUR WATCH	22
TROUBLE SHOOTING	25
REMARKS ON AFTER-SALES SERVICING AND GURANTEE	26
REMARKS ON THE REPLACEMENT PARTS	26
SPECIFICATIONS	27
ACCURACY OF MECHANICAL WATCHES	28

For the care of your watch, see the Guarantee and Instruction Booklet.

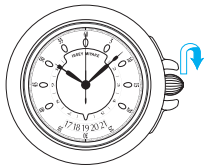
HOW TO USE

PART NAMES AND FUNCTIONS



HOW TO USE THE AUTOMATIC MECHANICAL WATCH

- 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 be wound 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 before wearing the watch on the wrist.
- To wind up the watch, turn the crown clockwise slowly. The watch cannot be wound by turning the crown counterclockwise.
- Once wound up fully, it operates for about 50 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 use on the desk, for example: be sure to wind it up fully every day at a fixed time.

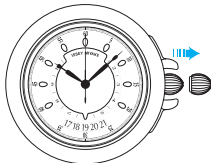


TIME / DATE SETTING

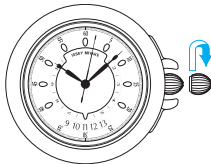
- After the watch starts operating, set the time and date.
- This watch has a date display function. The date is incremented by 1 day every 24 hours.

1. Pull out the crown to the first click.
The second hand will continue moving.

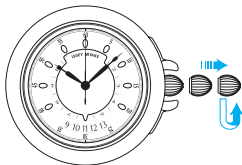
* Do not change the date between 8:00 P.M. and 2:00 A.M.. If you change the date at that time, it does not work correctly.



2. Turn the crown clockwise to set the date to the previous day's date.

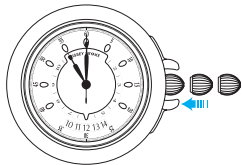


3. When the second hand points to the 12 o'clock mark, pull out the crown to the second click. (The second hand will then stop.)
Move the hour hand by turning the crown counterclockwise, and set the date and time.



- * 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.
- * The watch is so designed that date changes once by turning the hour hand 24 hours.
- * The date changes between 10:00 P.M. and 0:00 A.M.. When setting the time, therefore, check that AM/PM is set properly.

4. Push the crown back in to the normal position in accordance with a time signal.



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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]

1. The watch displays “31” instead of “1”. Pull out the crown to the first click.
2. Turn the crown to set the date to “1” and then push the crown back in to the normal position.

TO PRESERVE THE QUALITY OF YOUR WATCH

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 of 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, adding to the life of the gasket.

<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 BRACELET>

- Clean the watch bracelet with a soft toothbrush dipped in water or soapy water. If your watch is not water-resistant, be careful not to get the case wet when cleaning.

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 an itch 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.

PRECAUTIONS ON WEARING YOUR WATCH

- In case you tumble and 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.
- Be careful not to drop or hit the watch against hard objects. Do not wear the watch when you play active sports. It may stop or move incorrectly.

PLACES TO KEEP YOUR WATCH

- If the watch is left in a temperature below -10°C or above $+60^{\circ}\text{C}$ for a long time, its performance may be impaired or it may stop operating.
- Do not leave the watch in a place where it is subjected to strong magnetism.
- Do not leave the watch where there is strong vibration.
- Do not leave the watch in a dusty place.
- Do not expose the watch to gases or chemicals.
(Ex.: Organic solvents such as benzine and thinner, gasoline, nail polish, cosmetic spray, detergent, adhesives, mercury, and iodine antiseptic solution.)
- Do not leave the watch in a hot spring, or do not keep it in a drawer having insecticides inside.

WATER RESISTANCE



- The watch is 3 bar water resistant, and is designed to withstand accidental contact with water, such as splashes and rain. Do not use it in water.
- Do not turn or pull out the crown when the watch is wet, as water may get inside the watch.

PERIODIC CHECK

- We suggest that you have your watch checked by the retailer from whom the watch was purchased every 2 or 3 years. 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".
- Be sure to have the gasket and push-pin replaced with new ones by the retailer from whom the watch was purchased when checking the watch.

TROUBLE SHOOTING

Phenomenon	Possible cause	Solution
<ul style="list-style-type: none"> The watch stops operating. 	<ul style="list-style-type: none"> The mainspring is not wound. 	<ul style="list-style-type: none"> Winding up the mainspring or swinging the watch from side to side will get it moving again. If this fails, contact the retailer from whom the watch was purchased.
<ul style="list-style-type: none"> The watch gains or loses time temporarily. 	<ul style="list-style-type: none"> It was left in extremely high or low temperature. The watch was brought into close contact with a magnetic object. You dropped the watch, hit it against a hard surface or wore it while playing active sports. The watch was subjected to strong vibration. The watch was not taken in for inspection and adjustment through disassembly/cleaning for a long time exceeding 3 years. 	<ul style="list-style-type: none"> This condition will be corrected when the watch temperature returns to normal. 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. The accuracy cannot be restored to its original level. Contact the retailer from whom the watch was purchased. Contact the retailer from whom the watch was purchased.
<ul style="list-style-type: none"> The date numeral changes in the day time. 	<ul style="list-style-type: none"> The time is shifted 12 hours. 	<ul style="list-style-type: none"> Adjust the hour hand 12 hours.
<ul style="list-style-type: none"> The surface of the glass is foggy. 	<ul style="list-style-type: none"> Water entered the watch through a deteriorated packing. 	<ul style="list-style-type: none"> Contact the retailer from whom the watch was purchased.

* If any other symptoms appear, contact the retailer from whom the watch was purchased.

REMARKS ON AFTER-SALES SERVICING AND GURANTEE

- If the watch requires service, take it to the retailer from whom the watch was purchased. If the trouble occurs within the guarantee period, submit the certificate of guarantee together with the watch.
- For repair after the guarantee period or for any other information regarding the watch, contact the retailer from whom the watch was purchased. If there are any unclear points, contact the location listed on the guarantee.
- Guarantee coverage is spelled out in the certificate of guarantee. Please read it carefully and keep the certificate for ready reference.

REMARKS ON THE REPLACEMENT PARTS

(Replacement parts are those which are essential to maintaining the functional integrity of the watch.)

- The number of years that a watch is considered repairable may vary greatly depending on the conditions under which it was used, and normal accuracy may not be achieved in some cases. We recommend, therefore, that you consult the retailer from whom the watch was purchased when having the repair your watch.
- The case, dial, hands glass and band, or parts thereof may be replaced with substitutes if the originals are not available.

SPECIFICATIONS

1. Time indication Three hands
Time display function
(hour, minute, second)
Date
2. Vibrations per hour 28,800
3. Mobile accuracy* Day rate +15 seconds to -10 seconds
Loss/gain in normal temperatures of
between 5 °C and 35 °C
4. Driving system Wind-up spring (Self-winding type with
manual winding type)
5. Jewels 26 jewels

* 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), the degree to which the mainspring is wound up, etc.

* The above specifications are subject to change without notice.

ACCURACY OF MECHANICAL WATCHES

(1) Mobile accuracy and static accuracy

- “Mechanical watch accuracy” has two meanings. In this document, “mobile accuracy” refers to accuracy expressing weekly time gain/loss in a watch worn under given conditions as a daily average.
- On the other hand, mechanical watch inspections generally measure time gain/loss in a static state in which movements are subjected to a number of orientation and temperature conditions. This is called “static accuracy.”

(2) Daily rate

The accuracy of mechanical watches is called the “daily rate.”

The accuracy of mechanical watches varies slightly from day to day and usually is not fixed. Thus, the gain/loss of a watch that is worn is not judged on a single-day basis and instead a weekly average is used. Depending on the number of hours the watch is used, the usage environment, etc., the accuracy range indicated In this document may be exceeded.

(3) Accuracy variation due to temperature

Metal is used in the parts that contribute to the accuracy of mechanical watches. A well-known characteristic of metals is their tendency to expand and contract as the result of changes in temperature. This in turn affects the accuracy of a watch. Mechanical watches tend to run slow at high temperatures, and run fast at low temperatures.

(4) Mainspring tension and accuracy

Supplying a regular amount of energy to the balance wheel that controls the speed of the wheels is an important aspect of raising the accuracy.

The mainspring, which is the power source of the mechanical clock, has a different amount of force depending on whether it is tightly wound or on the verge of becoming totally unwound. The less it is wound, the weaker its force.

A relatively stable accuracy can be obtained by fully winding the mainspring at a fixed time every day.

