As a diver's watch is so designed and fabricated as to fully perform its functions. You can be confident in your watch.

 To enjoy long service life, you are requested to carefully read this instruction booklet and use your watch properly.

## **. !** WARNING

• The watch is designed for in use scuba diving using heavy breathing apparatus. It can withstand water pressure up to a depth of 200 m. Never use the watch, however, in saturation diving using helium gas. While diving, never operate the watch in any other manner than set forth in the instruction manual.

## **CAUTION**

properly trained in various types of diving and possess the requisite experience and skill to dive safely. When diving, strictly abide by the rules of diving. Do not attempt to dive using the watch unless you have thoroughly familiarized yourself with the

tested all watch functions prior to each dive. It is absolutely essential that you observe strictly all instructions for the use and maintenance of the watch set forth in this manual.

· Before using the diver's watch, you have to be operation and maintenance of the watch, and have

3 The band is firmly secured to the case.

2. PRECAUTIONS FOR DIVING

precautions to be

observed before, while

and after diving. Be sure

to observe each of them

to eniov safe diving.

5 The rotating bezel is

turning smoothly.

# If you find any of the

## This section explains the 2-1 Before diving

2 There are no scratches or cracks

on the band and crystal glass.

The current time is

locked tightly

The power reserve

indicates less than

1 month that mean

insufficient, so that

(Refer to "●How to

charge the watch"

setting the time.

<Method 1> Simply using

the 24-hour time as an

for the 24-hour hand.

you can easily check the

AM/PM indicator.

the 24-hour hand to show

This is the standard usage

For example, by setting the

24-hour hand to Japan Time.

power reserve is



Charge the watch until the second hand resumes the normal

calender.(Refer to "● How to charge the watch") The 24-hour

hand can be used in two ways. Since the time setting procedure

differs according to the usage, please choose the method before

one-second interval movement, and then reset the time and

 Take care not hit the watch against hard objects such as rocks

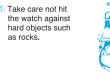
While you are

or pull it out.

3 The rotation of the

get slightly harde

unscrew the crown





2-3 After diving

After making a dive, be sure to rinse the watch in fresh water, and wash out all seawater, soil,



After cleaning the watch in fresh water, be sure to wipe it thoroughly dry to prevent possible rust on

If a grain of sand or the like sticks between the case and rotating bezel and cannot be washed out, take your watch to the watch retailer from whom it was purchased or an AUTHORIZED SEIKO DEALER.

rotating bezel may Be careful not to expose the watch to solvents in the water but this such as alcohol and gasoline, as this will cause is not a malfunction

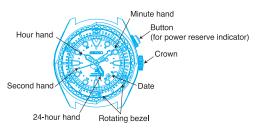
hand at any time.

② Pull out the crown to the second click.

OF YOUR WATCH" for general maintenance

### 3. FEATURES

battery, the SEIKO DIVER SCUBA 5M85 is the diver watch that is equipped with an automatic power generating system developed by SEIKO. It generates the electrical energy to power the watch, utilizing the movement of the arm or wrist, and stores it. So, the watch does no use a battery, and the battery replacement procedures are completely eliminated. The watch features a power reserve indicator function that shows with the movement of the second hand how many days of power eserve is stored. If fully charged, the watch will keep operating for approximately 6months.



current time. When setting the hands, make

Adjust the 24-hour hand to indicate "10" or

inute hand to the 0 minute position.

minute hand to the 0 minute position.

the 24-hour scale (5 o'clock position), and the

Adjust the 24-hour hand to indicate "18" on

set at this stage. The hour hand is to be set

hand yet, even if it is indicating the wrong

\*The date may be altered depending on the

not cause any concern since it can also be

minute hand 4 to 5 minutes ahead of the

position of the hour hand, however it should

er so it is not necessary to adjust the hou

the 24-hour scale (9 o'clock position), and the

sure that AM/PM is set correctly.

Setting the hands to 6:00 p.m.:

<Ex.> Setting the hands to 10:00 a.m.:

4. HOW TO USE The watch is also equipped with a dual time function. The 24-hour hand can indicate the time of an area in a different time zone while the hour

hand is indicating the time of your area. The hour hand can be set

The movement of the arm while the watch is worn causes the

automatic power generating system to work, and the watch is

watch will not be charged while left unused.

powered by the electrical energy thus generated. Therefore, the

As a guideline of charging, it is recommended that the watch be worn on your wrist daily for more than 10 hours.

the second hand starts moving at two-second interval instead of

the normal one-second interval, indicating that the watch needs

When the energy stored is reduced to an extremely low level,

4 Push the crown back in simultaneously with a time

⑤ Set the hour hand to the current hour. Pull out the

© Turn the crown to set the hour hand to the current

setting the hour hand, be sure that AM/PM is set

\*Turn the crown slowly, checking that the hour hand

\*When adjusting the hour hand, the other hands ma

move slightly. However, this is not a malfunction

☆Also, adjust the date at this point if necessary.

(Refer to "6. HOW TO SET THE DATE.")

moves in one-hour increments

to the current time is now completed.

crown to the first click.

The setting of the 24-hour, minute and second hands

recharging. Please see ". How to charge the watch'

while the 24-hour hand displays the time back home

**⚠** CAUTION

independently of the other hands, and therefore, when you travel abroad, the times of places you visit can easily be shown only a turn of the hour hand nately 250 swings will reserve one day of power had had starts moving at the normal one-second intervals.



It is recommended that the watch be swung further until one day of power is reserved. If fully charged, the watch will keep operating for approximately 6 months. It is not necessary, however, to fully charge at this step. Approximately 250 swings are required to reserve one d commended that the watch be sv ay of power is reserved. If fully ch

Push the crown back in upon completion of time setting. And then, screw the crown in completely until it stops by turning it clockwise while pressing it.

Time setting by Method 1 is completed. If you adjust the hour hand to the local time (for time zone adjustment) while traveling abroad, etc., the current time in Home Time can be easily checked with the 24-hour

(Refer to "7. HOW TO USE THE TIME DIFFERENCE ADJUSTMEN FUNCTION."

How to use the time difference adjustment function

⚠ 注意

5M85ダイバー

取扱いを誤った場合に、軽傷を負う危険性や物質的損害をこうむることが想定されることを示しています。 都市と時差の比較表

取扱いを誤った場合に、重傷を負うなどの重大な結果になる 危険性が想定されることを示しています。

1. ご使用の前に必ずお読みいただき 回転ベゼルの使いかた
 経過時間の測定 ダイビングに際しての注意事項 ご使用にあたって

11. バンドの伸展機構につい ●充電のしかた●充電量を調べるには? ・ダイバーエクステンダーの使い ・ダイバーアジャスターの使い方 フル充電表示 12. 使用電源についてのご注意 13. 使用上のご注意とお手入れの方法 ●2秒運針になったら 補修用性能部品について

SEIKO

KINETIC

ダイバーズウオッチ

取扱説明書 INSTRUCTION

5M85 KINETICダイバースキューバ

この度はセイコーダイバーズウオッチをお買い上げいただ

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日付けの合わせかた 時差修正の使いかた ~j~j~j~j~j~j~j~j~j~j~j~j~j~j~j~ セイコー製品について、修理その他のご相談は、「お買 い上げ店」でうけたまわっています。

なお、ご不明の点は下記へお問い合わせください。

全国共通フリーダイヤル 0120-612-911

〒100-0005 東京都千代田区丸の内3-1-1 国際ビル 〒550-0013 大阪市西区新町1-4-24 大阪四ツ橋新町ビルディング

セイコーウオッチ株式会社 本 社 〒105-8467 東京都港区虎ノ門2-8-10 http://www.seiko-watch.co.jp/

7. HOW TO USE THE TIME DIFFERENCE ADJUSTMENT FUNCTION \*Refer to "8, MAJOR CITIES IN THE WORLD AND TIM

<del>lakakakakakakakakakakakak</del>

| Examples of the p  | power reserve indicator whe | en the button is pressed at t | he moment the second han             | d is pointing to the 0 second |        |
|--|-----------------------------|-------------------------------|--------------------------------------|-------------------------------|--------|
|  | 5 seconds                   | 10 seconds                    | 20 seconds                           | 30 seconds ←                  | Full   |
| Quick<br>movement<br>of the<br>second<br>hand                    |                             |                               |                                      |                               | charge |
| Power reserv<br>(Duration with<br>which the wat<br>keeps operati | nin 1day<br>tch             | More than<br>7days            | More than<br>approximately<br>1month | Approximately<br>6months      |        |

<Relationship between the quick movement of the second hand and power reserve>

rve stored in it can be checked by using the

Into to read the power reserve indicators. The power reserve stored in it is classified into four levels and represented by the number of seconds that the second hand advances. The power reserve indicator gives a rough indication of the power reserve and, therefore, does not indicate the exact period of time during which the watch keeps operating without being recarged.

usage is selected>

2 Pull out the crown to the second click.

the watch".)

<Full charge (quick movement of the second • If the secondary battery has been fully charged, the second hand advances 30 seconds by pressing the button, meaning the watch keeps operating for approximately 6months without being charged.

econd interval movement of the second hand (When the second hand moves at · If you find the second hand moving a

two-second interval while the watch is in use o while it is left unused, the watch may run down in 1 day. Therefore, be sure to swing the watch and recharge the watch. (See "●How to charge

> current hour in Japan when the hour and minute hands are adjusted to indicate the time of the place where you

> > ime in a different time zone area can be only selected

from the area where the time difference from Japan Time is

nly the 24-hour and minute hands are to be set at this

he date may be altered depending on the position of the

set the time accurately, first advance the minute hand 4

hour hand, however it should not cause any concern since

to 5 minutes ahead of the desired time, and then, turn it.

④Push the crown back in simultaneously with a time signal.

The setting of the 24-hour minute and second hands to the

e. The hour hand is to be set later so it is not no

to adjust the hour hand yet, even if it is indicating the



(Example of Method 1

out the crown to the first click.

(in this example, the current hour in Japan). ☆Also, adjust the date at this point if necessary. (Refer to "6. HOW TO SET THE DATE.")

ne hour hand, be sure that AM/PM is set correctly. \*Turn the crown slowly, checking that the hour hand move

**©** Turn the crown to set the hour hand to the current hour

en adjusting the hour hand, the other hands may move

TPush the crown back in upon completion of time setting. And then, screw the crown in completely until it stops by turning it clockwise while pressing it.

Time setting by Method 2 is completed. While looking at the hour and minute hands to indicate the current time in your area, you can easily should be should be should be should be should be should be the time zone which the 24-hour hand is indicating, follow the procedure from zone which the 24-hour hand is indicating, follow the procedure from the should be should be

## 6. HOW TO SET THE DATE

• This watch is designed so that the date changes one day by

TO USE THE TIME DIFFERENCE ADJUSTMENT FUNCTION.") • The date advances one day by turning the hour hand two full rotations clockwise while the date is set back one day by

turning the hour hand two full rotations counterclockwise. · After setting the time, it is necessary to set the date. Manual

date adjustment is required on the first day after a month that has less than 31 days.

Unscrew the crown by turning it counterclockwise. ② Pull out the crown to the first click.

3 Each time the hour hand makes two full rotations by turning the crown, the date is adjusted one day. The date can be adjusted either by advancing it or by setting it

To adjust the date without changing the time, turn the hour

4) Push the crown back in upon completion of

time setting. And then, screw the crown in completely until it stops by turning it clockwise while pressing it.

(SCREW LOCK TYPE CROWN)

First click position

Unscrewed

Clockwise: the hour hand turn: unterclockwise. The date is set back one day when the hour hand makes two full Counterclockwise: The hour hand turn clockwise. The date advances one day when he hour hand makes two full rotations

## •When you move to a place in a different time zone area from where you live,

while traveling abroad, etc., you can conveniently set the watch to indicate the local time in the place where you are without stopping the watch. •The time difference adjustment function is interrelated with the date display. If the time difference is correctly adjusted, the watch displays the correct date of

the place where you are staying. <How to adjust the time difference>

Unscrew the crown by turning it counterclockwise.

② Pull out the crown to the first click. 3 Turn the crown to set the hour hand to indicate the time of the place where

you are. While turning it, check that the hour hand moves in one-hour

Clockwise: Setting the time back Counterclockwise: Advancing the time Unscrewed First click position

AM/PM and the date are correctly set.

move slightly. However, this is not a malfunction. hand to indicate any time between 9:00 P.M. and midnight, keep turning until the hour hand points to 4 After completing the time difference adjustment push the crown back in. And then screw the crown in

completely until it stops by turning it clockwise while

12. PRECAUTIONS ON POWER SUPPLY

attery, which is different from ordinary batteries.

Julike an ordinary silver oxide battery, the secondary

battery does not require periodic replacement. However, if the secondary battery is charged or discharged repeatedly for a long time, its life may become slightly shortened (this depends on the conditions in witch the watch is used or where it is stored). The secondary battery is an environmentall friendly. Jeans percent storage (davice.

The battery used in this watch is a special secondar

## 8. MAJOR CITIES IN THE WORLD AND TIME DIFFERENCE TABLE

### \*Refer to the table below for time differences from Japan time in major cities in the world.

| Names of the cities | Time difference with Japan Time |
|---------------------|---------------------------------|
| Wellington          | +3 hours                        |
| Nouméa              | +2 hours                        |
| Sydney              | +1 hours                        |
| Tokyo               | ±0 hours                        |
| Beijing / Hong Kong | -1 hours                        |
| Bangkok             | -2 hours                        |
| Dacca               | -3 hours                        |
| Karachi             | -4 hours                        |
| Dubai               | -5 hours                        |
| Jeddah              | -6 hours                        |
| Cairo               | -7 hours                        |

### -8 hours London -9 hours -10 hours Azores Rio de Janeiro -12 hours Santiago -13 hours -14 hours New York -15 hours Chicago Denver -16 hours Los Angels -17 hours -18 hours Anchorage -19 hours Honolulu Midway Islands -20 hours (As of April 2014)

# 9. HOW TO USE THE ROTATING BEZEL

### The illustration below indicates that 30 minutes have elapsed since the diving started at 10:10 (" 🔯 " mark indicates the time when you started diving.)



• How to measure the elapsed time Turn the rotating bezel to set " 🦁 " 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.

### **10. LUMIBRITE**

[IF YOUR WATCH HAS LUMIBRITE] • LumiBrite uses externally-energized luminous material which

doesn't contain any radioactive substance. umiBrite 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, LumiBrite can emit light for 3 to 5 hours.

Please note, however, that, as LumiBrite 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.Before diving, therefore, be sure to expose the watch to light under the condition specified above so that it fully absorbs and stores light energy.

< Reference data on the luminance > Sunlight

Indoor (Window side during daytime) (Fine weather) : more than 3,000 lux (Cloudy weather) : 1,000 to 3,000 lux

(Rainy weather) : less than 1,000lux (Lighting apparatus (40-watt daylight fluorescent light)

[Distance to the watch: 1m]: 1,000 lux (Distance to the watch: 3m) : 500 lux (average room luminance)

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

## 11 HOW TO USE THE DIVER EXTENDER

If your watch is equipped the Diver Extender function or the Diver Adjuster function, please read this section. It is very useful when you wear the watch over a wet suit

●HOW TO USE THE DIVER EXTENDER Upper cover of the Diver Extender Baracelet on the 6 o'clock side of the watch

WATCH CORPORATION.

up the flap.
Lightly pull the bracelet on the 6 o'clock side of the watch along the curved line of the bracelet to pull out the sider. When doing so, take care not to pull the bracelet forciby. The sider can be pulled out approximately 30mm. Be careful not to pull it out beyond the limit mark inscribed on it.

●HOW TO USE THE DIVER ADJUSTER

HOW TO USE THE DIVINIOUS STATES OF LIft up the flap approximately 90° until it stands upright. Do not extend the slider at this step. Lightly push back the flap further approximate When doing so, take care not to push the flap forcibly as more force is required to do so than

**⚠ WARNING** 

riendly, clean energy storage device.

# Never insert a miniature silver oxide battery instead of secondary battery.

## 13. TO PRESERVE THE QUALITY OF YOUR WATCH

### •CARE OF YOUR WATCH · After using the watch in seawater, for example in diving,

rinse it in fresh, water and wine it thoroughly dry. Do not use chemicals to wash the watch.

have a rash. · After removing the watch from your wrist, wipe perspiration or moisture with a soft cloth. This will prevent

• Please clean the rotating bezel regularly. Otherwise, dust will gather under it, making the rotation harder. (SOFT PLASTIC BRACELET) The bracelet made of soft plastics does not require special.

skin. Rinse it with soapy water from time to time. Since it is a chemical product, it may deteriorate by the use of solvents. The band will become hardened or discolored

after several years of use. In that case, replace it with a new If you press the button to check the power reserve. the

second hand will move forward, and toward the end of quick movement, it will gradually slow down until it SILICONE BAND )

· As for material characteristics, the band is easily dirtied, and may be stained and discolored. Wipe off dirt with a wet cloth or

cleaning tissue.

• Unlike bands of other materials, cracks may result in the band being cut. Take care not to damage the band with an edged tool.

•RASH AND ALLERGY Adjust the bracelet or band so that there will be a little clearance between the bracelet or band and your wrist avoid accumulation of perspiration.

band may cause you to develop a rash or an itch depending on your physical condition.

• If you are constitutionally predisposed to rash, the

· 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.

## PLACES TO KEEP YOUR WATCH

a long time, it may function improperly or stop operating. Do not leave the watch in a place where it is subjected to strong magnetism or static electricity.

· Do not expose the watch to gases or chemicals.

### polish, cosmetic spray, detergent, adhesives, mercury, and iodine antiseptic solution.)

**•PRECAUTIONS ON WEARING YOUR WATCH** Take utmost care in the following cases:

When clasping and unclasping the band, you may damage your • 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

may get injured or develop a rash caused by allergy.

may occur due to contamination of oil, which may moisture. Please contact the retailer from whom the

ing on the environment where a diver's atch is used, its inner parts or move well as its case or band may be affected. We regularly once every 3 or 4 years.

gasket and push pin are also replaced with new ones.

### 14. TROUBLE SHOOTING

| Phenomenon   | Possible cause  | Remedies   |
|--|---|--|
| The watch has stopped operating.   | All the electrical energy stored in KINETIC E.S.U. has been used up.  | Charge the watch referring to "●HOW TO CHARGE THE WATCH."  |
| The watch gains/loses time.  | The watch has been left in extremely high or<br>low temperature for a long time.  | This condition will be corrected when the watch temperature returns to normal.   |
|  | The watch was brought into close contact with<br>a magnetic object.   | This condition will be corrected when the watch is kept away from close contact with the magnetic source.  |
|  | You dropped the watch, hit it against a hard<br>surface or wore it while playing active sports.     The watch was exposed to strong vibrations. | • This condition will not be corrected. Have the watch checked by the retailer from whom the watch was purchased.  |
| Blur in the display persists.  | Small amount of water has got inside the watch due to deterioration of the gasket,etc.  | Consult the retailer from whom the watch was purchased.  |
| The second hand moves at two-second interval.  | The electrical energy stored in KINETIC E.S.U. has been reduced to an extremely low level.  | The watch may stop operating in 1 day. Charge the watch referring to "  HOW TO CHARGE THE WATCH."  |
| When the power reserve is checked<br>by pressing the button, the second<br>hand will not move more than 10<br>seconds even if you wear the watch<br>daily on your wrist. | You wear the watch daily but only for a short time, or you lead a relatively sedentary life, which does not involve much arm movement.          | Wear the watch on your wrist as long as possible. It is recommended that the watch be worn for more than 10 hours a day at least for 5 consective days. The second hand will advance 10 seconds by pressing the power reserve indicator button, indicating the power reserve in KINETIC E.S.U. has been increased. |
| The date changes at 12 o'clock noon.   | AM/PM is not properly set.  | Advance the hands by 12 hours.   |
| The rotating bezel is not turning smoothly.  | Dust or soil or sand or the like may stick between the case and the rotating bezel.   | Please rinse the watch in fresh water. If it cannot be washed out, take your watch to the watch retailer from whom it was purchased.   |

## 15. REMARKS ON AFTER-SALES SERVICING

• 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

· Guarantee coverage is spelled out in the certificate of guarantee Please read it carefully and keep the certificate for ready reference.

## 16. REMARKS ON REPLACEMENT PARTS

regarding the watch, contact the retailer from whom the watch was

chased or the "CUSTOMER SERVICE DEPARTMENT" of SEIKO

• SEIKO makes it policy to usually keep a stock of spare parts for its watches for 7 years. In principle, your watch can be reconditioned within this period if used normally. (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 them repair your watch. The case, dial, hands, glass and bracelet, or parts there of may be

replaced with substitutes if the originals are not available

1.Frequency of crystal oscillator.....32,768 Hz

at normal temperature range (5°C~35°C) nal temperature range.....-10°C to +60°

C-MOS-LSI, 1 pc.

11.Water resistance.....200 m water resistance suitable for air diving (JIS Class 1 diver's watch)

BSJ5M85-1410SR

< Example for explanation: While the 24-hour hand ③ Turn the crown to set the 24-hour and minute hands indicates GMT, the hour and minute hands indicate to the time in the different time zone area you want to Japan Time> set. When setting the hands, make sure that AM/PM is Unscrew the crown by turning it counterclockwise.

ge the watch before setting the tim Refer to " How to charge the watch.")

[How to set the 24-hour hand as a dual time indicator

for a different time zone area ] <when method 2

# Example of Method 2

\*The time differences in each city are subject to change according to the governments of the respective countries or regions

**⚠** 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

the watch from being soiled, adding to the life of the gasket.

Do not leave the watch where there is strong vibration.

having insecticides inside.

nail, depending on the type of clasp used with the band.

Otherwise, use the watch together with an underwater flashlight

**ONOTES ON OVERHAUL**  Periodic inspection and adjustment by disassembly and cleaning (overhaul) is recommended approximately once every 3 to 4 years in order to maintain optimal performance of the watch for a long time. According to use condition, the oil retaining condition of your watch nechanical parts may deteriorate, abrasion of the parts ultimately lead the watch itself to stop. As the parts such as gasket may deteriorate, water-resistant performance may be impaired due to intrusion of perspiration and watch was purchased for inspection and adjustment by disassembly and cleaning(overhaul). For replacement of parts, please specify "SEIKO GENUINE PARTS." When asking for inspection and adjustment by disassembly and cleaning(overhaul), make sure that the

a malfunction.
Please see "7. TO PRESERVE THE QUALITY

5. HOW TO SET THE TIME (The 24-hour hand can be used in two ways)

are while traveling abroad. In such a case, Japan Time can be

called Home Time, and in the following explanations, the word "

Home Time" will be used for Japan Time <Method 2> Using the 24-hour hand to indicate the time in a different time zone. • This method can be selected when setting the 24-hour hand to

a different time zone area (where there is a time difference from

your area) to use the 24-hour hand, and hour and minute nands, as a dual time indicator • For example, if you set the 24-hour hand to Greenwich Mean Time (GMT), and the hour and minute hands to Japan Time, you can easily check the current time in GMT by using the 24-hour

[How to set the 24-hour hand as a regular 24-hour indicator] :When method 1 usage is selected> ①Unscrew the crown by turning it counterclockwise.

ge the watch before setting the time. (Refer to " How to

Pull the crown out when the second hand is at the 12 o'clock 3 Turn the crown to set the 24-hour and minute hands to the

> turning the hour hand two full rotations in the same way as ir "the time difference adjustment function."(Refer to "7. HOW

(Fine weather) : 100,000 lux (Cloudy weather) : 10,000 lux

2.Loss/gain (monthly rate).....Less than 15 seconds

4. Driving system..... Step moto

From full charge to stoppage.....Between 6 months From the start of the second hand's 2-second step movement to stoppage.....Approx. 1 day

9. Power generator.....Miniature A.C. generator 10.Magnetic resistance.....JIS Class 1 antimagnetic

17. SPECIFICATIONS (Hz = Hertz...Cycles per second)

5.Power supply......Secondary Battry, 1 pcs.

6.Expected life per charge

7 Power reserve indicator 8.IC (Integrated Circuit).....Oscillator, frequency divider, driving and charge control circuit.

watch (4800 A/m (60 gauss))

care. If it gets dirty, however, it may cause trouble to the

### set correctly. Check the time difference from your area before setting the hands. (Refer to "8. MAJOR CITIES IN THE WORLD AND TIME DIFFERENCE TABLE.") <Ex.> To set the 24-hour hand to Greenwich Mean Time

When the time in Tokyo is 10:00 A.M., it is 1:00 A.M. in

o'clock position and the second hand will stop on the

scale (between 12 o'clock position and 1 o'clock position), while the minute hand is pointing at the 0 minute position Major cities in the world and time difference table

• Set the 24-hour hand to indicate "1" on the 24-hour

• If the watch is left in a temperature below -10°C or above +60°C for

Do not leave the watch in a dusty place. (Ex.: Organic solvents such as benzine and thinner, gasoline, nail

Do not leave the watch in a hot spring, or do not keep it in a drawer

that you wear the watch. When you make contact with children, especially with infants, they

## time in the different time zone area is now completed. ⑤ Set the hour hand to the current hour (Japan Time). Pull