

S680

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BUTTONS AND CHANGE OF DISPLAY ※If the stopwatch mark "ℱ" is flashifng in the display other than the stopwatch display, the stopwatch is in use. **99 88 88** ※If the timer mark "♥" is flashing in the display. SOLAR INNAPIMINONY Button A Button D Battery level **PS** Power save Solar panel Sleep With each pressing of Button A, the display changes in the following order MEMORY TIME / CALENDAR display display TIMER display WORLD TIMER display display If the confirmation sound for button operations is set, the watch emits a brief sound when a button

■ HOW TO SET THE TIME AND CALENDAR (1) Buttons and operations Press Button A to show the TIME/CALENDAR display. Button A: Change to TIME/CALENDAR display Button B IZ IZ- 5 Button C Button A (long press) : Change to TIME/ **/[]:[]8** \$9 CALENDAR SETTING display Button A \ m THU Button B: Selection of city name, adjusting items ✓ Button D or digits (moving back or decreasing) Button E Button (: Engagement/disengagement of hourly time signal and confirmation sound for button operations, adjusting items (2) How to set the time and calendar or digits (advancing or increasing) ①Long press Button A to show the TIME/ | Button D: Turning on the built-in illuminating CALENDAR SETTING display. The city Button E: Selection of the item or digits to name currently set starts flashing. 2) Press Button E to select the item to be be adjusted adjusted (flashing). *Once the year, month and date have been set, the day of the week is automatically se *If the city name is set to GMT (GREENWICH), on ("on") /off ("--") mark of DST is not displaye

With each pressing of Button E, the display changes in the following order. D.S.T(summer time) | (City name) | Power save setting | second ├→ minute ├→ hour ├→ date ├→ month ├→ year ├→12H/24H ③To reset the seconds to "00," press Button E to select the second digits (flashing), and then press Button B or Button C in accordance with a time signal. n B or Button C is pressed while the second digits count any number between "30" and "59," one te is added and the second digits are immediately reset to "C After selecting the item to be adjusted, press Button C or B to set the digits. With each pressing of Button TIME/CALENDAR display in two to three minutes.

, one digit is increased or the city name advances one by one. (With each pressing of Button B, one digit is decreased or the city name moves back one by one). (Except "second," "12H/24H," and "DST" After all adjustments are completed, press Button A to return to the TIME/CALENDAR display If the watch is left untouched with the digits flashing, the display will automatically return to the decause the year, month, date, and day from 2012 to 2060 have been programmed in the automatic calence on this period, it is not necessary to manually adjust odd and even months including February of leap years. If summer time is set in the TIME/CALENDAR display and the same city is selected in the WORLD TIME

display, the summer time will also be shown in the WORLD TIME display.

*If all indicators of the display light while in the TIME/CALENDAR SETTING display, it is not a malfunction. This happens if buttons C and D are pressed at the same time. In such a case, press any one of buttons A, B, C, D, or E to return to

機能表示

‱0543°

∞RECALL

Restricted operations or functions

operation

Press Button A to show the TIME/CALENDAR display. 1) Long press Button A to show the TIME/CALENDAR SETTING display. The city name currently set starts flashing.

(4) After the adjustment is completed, press Button A to return to

the TIME/CALENDAR display. If the watch is left untouched

with the digits flashing, the display will automatically return to

③Press Button B or Button C to adjust the contrast level.

The contrast level of the display (variations of light and shade) Press Button A to show the TIME/CALENDAR display. can be adjusted. When the digital display is initialized or the ①Long press Button A to show the TIME/CALENDAR SETTING display. The city name currently set starts flashing. Press Button E to show the POWER SAVE SETTING display. built-in IC is reset, the contrast is reset to the default level "0."

Contrast level : 0

■ CONT

③Press Button B or Button C to select the OFF or set time.

(4) How to adjust the POWER SAVE setting

OFF ↔ 30 minutes ↔ 1hour ↔ 2 hours ↔ 4 hours The POWER SAVE function turns off the display to save consumption power while no button operation is performed for the predetermined time under the condition without the light. To recover the display, expose the solar panel to

When POWER SAVE is OFF

④After the adjustment is completed, press Button A to return to the TIME/CALENDAR display. If the watch is left untouched with the

digits flashing, the display will automatically return to the TIME/

CALENDAR display in two to three minutes. (5) How to test the alarm sound and how to engage/disengage the hourly time signal and confirmation sound for button operation

operations can be engaged or Hourly time signal sounds disengaged. The alarm sound can be heard by pressing and holding -Hourly time signal

m THU

Button

■HOW TO USE THE ALARM

Press Button A to show the ALARM display.

R 10:08 59

m ALARM

Button I

①Press Button E to show "ALARM 1."

The hour digits start flashing.

(2) How to use the alarm

12:00 og

Button C

Button [

The way of using the alarm is the same for every alarm

Ex.) Selecting alarm 1 and setting the alarm time to "6:30 a.m.

Long press Button A to show the ALARM SETTING display.

(2) With each press of Button F hour digits and minute digits

flash alternately. Select the digits to be adjusted (flashing).

③With each pressing of Button C, one digit is increased.

4) After all adjustments are completed, press Button A to

release the ALARM SETTING display and to return to

the digits flashing, the display will automatically return to

"ALARM 1" display. If the watch is left untouched with

(With each press of Button B, one digit is decreased.)

If Button B or Button C is kept pressed, the digits move quickly

mark appears. \ m THU

FEATURES

This runner's watch is driven by solar energy. This watch can store time data measured by the equipped stopwatch of up to 300 units of memory and can recall data on demand. Data within 300 units of memory can be sorted by channel when being stored. Results measured by the stopwatch can be recalled and displayed by using the memory recall function. The best lap time and average lap time can also be displayed. In addition, this multifunctional digital watch is equipped with a 3-channel alarm function, timer function, and world time function which

[About solar watch]

After being fully charged, the watch will

· Year, month, date, day, hour, minute,

second, and summer time mark can be displayed. Either of a 12-hour indication or 24-hour indication of time display can be selected. (Last 2 digits of year will be displayed.)

odd and even months including February of leap years from January 1, 2012 to December 31, 2060 (Automatic calendar).

STOPWATCH

Up to 300 units of memory can be used for storing measured lap time and splir

1/100 second increments.

memory can be sorted by channel when • The lap time and split time can be displayed at the same time. The best lap

being stored.

KSS680-2404

time data The positions of LAP time and SPLIT time in the display can be changed over. MEMORY RECALL The stored data (lap number, lap time, and split time) can be recalled on demand after measurement. · The recalled total time, best lap time and average lap time can be displayed. can display the time of 44 cities (including TIMER GMT) throughout the world. · The watch is equipped with a double

keep running for approximately 6 months when it is used under the following conditions, even if it is left uncharged (If the stopwatch is used for one hour, the built-in illuminating light is turned on once. the alarm sounds once, or the Power Save function is activated for 6 hours per day.). TIME/CALENDAR

> at a designated time (hour and minute) every 24 hours.

("on") or disengaged ("--") independently. The calendar automatically adjusts for WORLD TIME • The time of 44 cities (including GMT) throughout the world can be displayed. · The summer time (DST) can be set for

each city (except GMT).

displayed.

The stopwatch can measure up to 99 The built-in light illuminates any digital $5 \mid \text{Start} \rightarrow \text{Lap} \rightarrow \text{Stop} \rightarrow \text{Reset}$ hours 59 minutes 59 seconds 99 in display for approximately 2 seconds by pressing the button for turning on the light.

set two different timer times.

seconds in one-second increments.

The timer can be set from 10 seconds

The number of times that the timers

repeat their cycles can be set from 1

the countdown has been completed is

Measured time data within 300 units of 1/100 second increments.

time and average lap time can be stored in memory. The measured and stored lap time, split time, best lap time, and average lap time data can be recalled in the memory recall display

· Up to 300 units of memory can be used for storing measured time data. • The measured data can be sorted by channel when being stored in memory.

(1) Buttons and operations

Press Button A to show the STOPWATCH display.



"Lap time" is the time that has stage of an activity to that of the next stage. "Split time" is the time that has elapsed from Split time • The three-channel daily alarm sounds the start of an activity to any

• Each alarm channel can be engaged About memory 1 Start → Stop → Reset

Units of memory used for How to measure time storing 1 time data 3 to 4 units of memory 3 to 4 units of memory 2 Start → Stop/Restart → Stop → Reset 3 Start → Lap → Stop → Reset 4 to 5 units of memory 4 Start → Stop/Restart → Lap → Stop → Reset 4 to 5 units of memory 5 to 6 units of memory

• The stopwatch can measure up to 99 hours 59 minutes 59 seconds 99 in *Due to the function displaying the best lap time and average lap time, it takes at least three units of • Up to 300 units of memory can be used to store measured time data. ory to store 1 time data. If you store data only in one channel, you can use 300 units of memory 300 units of memory in total. For example, if the measured time data are stored in one channel, 300 units of memory can be used, but if data is divided and stored in 2 channels, 297 units of memory . The date when the measurement is started is memorized in each channel. can be used in total.

*When the lap time/split time is measured, if the "FULL" and the lap number alternately flash, the lap split time cannot be stored because all units of memory have been used. *If "F-0" mark appears in the lower row when using the stopwatch, lap time/split time cannot be stored. In such a case, delete data stored in channels in the MEMORY RECALL mode.

Button (Button (Button (Restart Stop Reset Start → Stop --- 00:05" 43"2 I *⊶00:20* 00 00 \ R 10:08 59 8 10:08 59 (00**05 43**2 i (00.50.00.00) (**99:05:43**27)

• If "F-300" is displayed, it means that 300 units of memory can be used.

(3) Lap time/split time measurement (if lap time measurement is repeated 10 times)

Button E Button E Start Lap/Split Lap/Split Stop Reset (<u>00</u>:**3 | 40**"95)

units of memory can be memory can be used. After starting the stopwatch, "F-300" changes to "L-1." used. After a measurement, lap number flashes, and lap and split times are displayed for approximate 10 seconds. And then the display automatically returns to show the on-going measurement and the

can be displayed until "999," and continues to 1,001("001" is displayed) 1002 ("002" is displayed)

· The stored data can be recalled per channel. \ ⊪RECALL one time data is stored, the best lap time is displayed.)

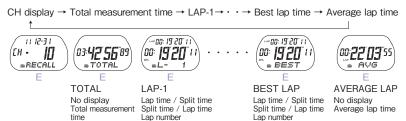
(1) Buttons and operations Press Button A to show the MEMORY RECALL display.

※If no measurement data is stored, "----" is displayed.



---(2) How to use the memory recall function Example: If you want to see data in channel 5 (ch-5) 1) Press Button A to show the MEMORY RECALL display

②Press Button C (advancing) or B (moving back) to show the desired channel number (ch. 5) ③Press Button E to check the lap time. Each stored data can be checked in the following order.



(4)To check data in other channels, press Button B or Button C to select the desired channel number and check the data in the same way as procedure 3.

(2) How to set the timer

(3) How to adjust the contrast level

②Press Button E to select "contrast."

 $-2 \leftrightarrow -1 \leftrightarrow 0 \leftrightarrow 1 \leftrightarrow 2$

Contrast ----

• How to delete a channel To use either Timer 1 or Timer 2 as a standard repeat timer, set the timer not in use to "0:00" 00." 1) Press Button A to show the MEMORY • The number of times the timers repeat the countdown can be set from 1 to 100 times.

RECALL display. ②Press Button B or Button C to select the channel you want to delete. 3Press Button A for

adjustment

approximately 2 seconds. "CLR?" will △ CLR be displayed. 4 Keep Button A pressed for approximately 2 seconds. When "ALL

(3) How to delete the stored data

CLR?" is displayed. release Button A. 5 After the number of remaining units is displayed, the watch automatically returns

to the MEMORY RECALL display • How to delete all channels ①Press Button A to show the MEMORY RECALL display.

②Press Button A for approximately 2 ③With each pressing of Button C, one digit is increased. seconds to show "CLR?" (With each pressing of Button B, one digit is decreased.) ③Keep Button A pressed for

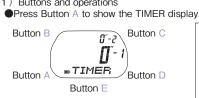
CLR?" And then keep Button A pressed for approximately another 2 seconds. (4) After the number of remaining units is displayed, the watch automatically returns to the MEMORY RECALL display.

*Data cannot be deleted while the stopwate is measuring, or when it is stopped.

Solutions

• The timer can be set from 10 seconds up to 9 hours, 59 minutes and 59 seconds in one-second increments. • The three-channel daily alarm sounds at a designated time (hour and minute) every 24 hours. Two timers are provided, and the timer 2 starts after the timer 1 counted up. The repeating • Each alarm channel can be engaged ("on") or disengaged ("--") independently. function is also included so that the timer 1 restarts after the timer 2 counted up. (1) Buttons and operations

(1) Buttons and operations



Button A: Change to TIMER display Button A (long press) : Change to TIMER SETTING display Button B: Timer time setting (decreasing digits) Button C: Timer time setting (increasing digits) Start/stop Button D: Turning on built-in illuminating light Button E: Selection of the item or digits to be adjusted Reset the timer

Example: If the timer 1 is set to three minutes, the timer 2 is set to one minute, and the repeating number is set to 5. 1) Press Button A to show the TIMER display ②Long press Button A to show the TIMER SETTING display. The hour digits for Timer 1 start

flashing. Press Button E to select the item or digits to be adjusted (flashing). TIMER 1 TIMER 2 Hour → Minute → Second Hour → Minute → Second

flashing, the display will automatically return to the TIMER display in two to three minutes.

> TO BE REPEATED: 5 time ⑤To start or stop the timer, press Button C. To reset the timer, press Button E. Restarting and stopping the timer can be repeated as many times as ne

(TIMER 1:3 minutes) (TIMER 2:1 minute) (THE NUMBER OF TIMES

**A time-up warning beep sounds 3 seconds before the set time is up. When the set time ... 1/ 5° is up, the time-up beep sounds for approximately 5 seconds.

*To stop the time-up warning beep and time-up beep while sounding, press either Button A, B, C, D, or E. *While the timer is counting, the timer mark "O" flashes. * While the timer is counting or when it is stopped, it is not possible to enter the TIMER SETTING display

(TIMER display)

(4) How to stop the alarm while sounding

· At a designated time the alarm sounds for approximately 20

seconds and automatically stops. To stop the alarm manually

When Alarm is OFF while sounding, press any button

When Alarm is ON — (Alarm disengaged) Alarm mark disappears.

(Hour: 6 a.m.

6 **30** 59

Minute: 30 minutes)

HOW TO USE THE WORLD TIME

time zones throughout the world can be displayed. The summer time (DST) can also be set for each city (except GMT). Buttons and operations

●Press Button A to show the WORLD TIME display. / 12 12-5 **5:[[8**59] ™ WORLD Button Button A: Change to WORLD TIME display

Button B: Selection of the city (moving Button C: Selection of the city (advancing) Button D: Turning on the built-in illuminating light Button E: Setting / canceling the DST

Press Button A to show the WORLD TIME display. 2)To select the city, press Button B or Button C (3) How to set the summer time With each pressing of the Button E in the WORLD TIME display the summer time can be alternately set or

summer time is set, (The summer time is set.) If summer time is set to the city which has also been set as "HOME" in the TIME/CALENDAR displa the summer time will also be shown in the TIMI CALENDAR display. If summer time is set in the selected in the WORLD TIME display, the summer time will also be shown in the WORLD TIME display. *The time difference and use of Daylight change according to the respective countries

*In some regions, time zones that differ from

SPECIFICATIONS

UTC by half- or quarter-hour time differences 44 PDL

from the GMT and - indicates time lag from the GMT.)

(2) How to use the world time \ ■ LAX ∞ Anchorage Los Angels Denver

■HOW TO CHARGE The time of 44 cities (including GMT) in different (4) Comparison table between city and time difference

Remaining batter

(GMT indicates the Greenwich mean time. + indicates advancement To charge the battery, expose the solar panel to light. Solar panel

> level display o enjoy optimal performance of the watch, it is recommended that the watch be kept sufficiently charged at all times. Under the following conditions, it is very likely that the battery will run down due to insufficient battery charge.

· When the watch is concealed under long sleeve shirts If the watch is used or stored continually under conditions where it cannot receive sufficient light hen recharging the battery, ensure that the watch emperature is kept under 50°C. (The operational temperature range of the watch is between -5°C and +50°C.) efore using the watch for the first time or when the watch

has completely stopped due to battery depletion, charge the watch sufficiently, referring to the table below as a guide. Time required to charge the battery

Charge the battery, referring to the table below as a guide one day Outdoor on a Approximately 1 hour sunnv dav 4 hours 100000 LUX By the window Approximately 9 hours on a sunny day '2 hours / 37 hours / 28 minutes 10000 LUX Approximately 18 hours on a cloudy day 144 hours / 74 hours / 56 minutes 5000 LUX Approximately 178 hours 9.4 hours fluorescent ligh

Built-in illuminating light turned on ... For 20 seconds per day Power Save function activated. For 6 hours per day Stopwatch ··· For 1 hour per day

Before using the watch for the first time or when the watch has completely stopped due to tion, charge the watch sufficiently, referring to the table on the left.

Display and remaining battery level ■How to check the remaining battery level

battery level or functions restriction MON Medium MON

12 12. 6 ~6 MON − To run the watch for CHARGE: Charging the

Solar panel

timer will be reset → How to reset the Built-in IC

After being fully charged, the watch will keep running for approximately 6 months when it is 3) Power Save function (Power Save and Sleep) When the watch is left without being exposed to light and its buttons are not operated for a certain length of time, the Power Save function is automatically activated to suppress its energy consumption.

*When the best lap time is displayed, "BEST" and "L-xx" are alternately displayed

Solutions Use the watch as it is Keep the watch sufficiently charged → How to charge the battery Sufficiently charge the watch until the

Alarm sound and time watch as it is. → How to charge the battery The on-going measurement of the stopwatch or Sufficiently charge the watch until the indicator appears on the display. →How to reset the Built-in IC Sufficiently charge the watch until the indicator

*Display and functions in the POWER SAVE mode Condition

> [PS] indicator flashes. The watch has not been exposed to light No restriction and its buttons have To cancel the not been operated for a Power Save certain length of time. function. *Display and functions in the SLEEP mode expose the watch to light [SL] indicator flashes. Stopped. The watch has not Stopwatch been exposed to light on operation ··· Resett and its buttons have not been operated for Timer on

*How to set the Power Save function

The OFF or set time of the Power Save function can be set in the TIME/CALENDAR setting display. The Power Save time can be selected between 30 minutes, 1 hour, 2 hours, and 4 hours. Refer to the TIME/CALENDAR setting.

function OFF or select Power Save time longer than the time you use the stopwatch or timer For normal use, turn the Power Save function ON. ₩When the watch is sufficiently charged (IIII)), neither the Power Save nor Sleep function is activated.

When the stopwatch is operating, the Power Save function is not activated.

3 days or longer.

OPlaces where volatile agents (cosmetics such as polish remover, bug repellent, thinners etc.) are vaporizing OPlaces where the temperature drops below 5°C or rises above 35°C for a long time

Places affected by strong magnetism or static electricity

· If you observe any allergic symptoms or skin irritation Stop wearing the watch immediately and consult a specialist such as a dermatologist or an allergist.

· Do not pour running water directly from faucet. The water pressure of tap water from a faucet is high enough to degrade the water resistant performance of a water resistant watch for everyday life.

*If the inner surface of the glass is clouded with condensation or water droplets appear inside of the watch for a long time, the water resistant performance of the watch is deteriorated. Immediately consult the retailer from whom the watch was purchased or SEIKO CUSTMER SERVICE CENTER. • Do not leave moisture, sweat and dirt on the watch for a long time.

Steam, soap or some components of a hot spring may accelerate the deterioration of water resistant performance of the watch. Other cautions

*Length adjustment service for metallic bands is available at the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER. The service may also be available on a chargeable basis at other retailers, however, some retailers may not undertake the service.

OKeep the watch out of the reach of babies and children. Extra care should be taken to avoid risks of any injury or allergic rash or itching that may be caused when they touch the watch. When disposing of used batteries, follow the instructions of your local authorities.

· After soaking the watch in seawater, be sure to wash the watch in clean pure water and wipe it dry carefully.

Water resistance Refer the table below for the description of each degree of water resistant performance of your watch before using

Avoid drops of water or sweat Water resistance for The watch withstands accidental consult the retailer from whom the watch was purchased or SEIKO CUSTOMER SERVICE CENTER.

The band touches the skin directly and becomes dirty with sweat or dust. Therefore, lack of care may accelerate deterioration of the band or cause skin irritation or stain on the sleeve edge. The watch requires a lot of attention for long usage. Metallic band

• Lack of care may cause skin irritation, or a yellowish or gold stain on the lower sleeve edge of shirts. Wipe off moisture, sweat or soil with a soft cloth as soon as possible To clean the soil around the joint gaps of the band, wipe it out in water and then brush it off

with a soft toothbrush (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.) Because some titan bracelets use pins made of stainless steel, which has outstanding strength,

rust may form in the stainless steel parts. If rust advances, pins may poke out or drop out, and the watch case may fall off the bracelet, or the clasp may not open.

· If a pin is poking out, personal injury may result. In such a case, refrain from using the watch Leather band

sunlight. · Wipe off moisture and sweat as soon as possible by gently blotting them up with a dry cloth. Do not expose the watch to direct sunlight for a long time.

swimming, and when working with water even if the watch itself is water-resistant enforced for daily use (10-BAR water resistant). Polyurethane band · A polyurethane band is susceptible to discoloration from light, and may be deteriorated by

color smears or discoloration Wash out dirt in water and clean it off with a dry cloth. (Protect the watch body from water splashes by wrapping it up in plastic wrap etc.)

When the band becomes less flexible or cracked, replace the band with a new one. Notes on the length of the band Silicone band

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 Notes on skin irritation and allergy

skin reactions against friction on dust or the band itself.

When wearing the watch, leave enough room to insert a finger between the band

approximately once every 3 to 4 years in order to maintain optimal performance of the watch for a long time. According to use conditions, the digital display may go out due to liquid leakage. As the parts such as gasket may deteriorate, water-resistant performance may be impaired due to intrusion of perspiration and moisture. Please contact the retailer from whom the 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 gasket and push pin are also replaced with new ones.

∞P-SAVE

When POWER SAVE

time is set to 1 hour

· With each pressing of Button C in the TIME/CALENDAR display, the hourly time signal and confirmation sound for button

∞P-SAVE

Hourly time signal does not sound

Button A: Change to ALARM display

Button A (long press): Change to ALARM

Button B: Alarm time setting (decreasing digits)

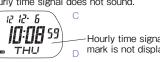
Engagement/disengagement of the alarm

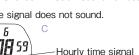
Button C: Alarm time setting (increasing digits)

Button D: Turning on the built-in illuminating light

Button E: Change between the alarm 1, 2, and 3

TIME SETTING display





the TIME/CALENDAR display in two to three minutes Button C and Button D at the same time. HOW TO USE THE STOPWATCH HOW TO USE THE MEMORY RECALL FUNCTION ■ HOW TO USE THE TIMER

r channel. If you use more than one channel, the units of memory you can use will be less than • The best lap time and average lap time can be displayed (if only

(2) Standard measurement

"F-297" means that 297 units of memory can be After starting the stopwatch, "F-300" changes to

"Restart" and "Stop" can be repeated as many times as necessary While the stopwatch is operating, the stopwatch mark "3" flashes

current lap number. *Measurement of lap and split times can be repeated as many times as necessary. The lap number

> used under the following conditions, even if it is left uncharged ·· Once for 2 seconds per day

requent use of the built-in illuminating light will quickly consume the ba

The watch displays the approximate remaining battery level. Remaining Restricted operations

The built-in illuminating light 10:08 59 → low cannot be turned on. After charging the watch, use the

appears on the display.

correctly displayed. ■POWER SOURCE

again by repeating the cycles of discharging and recharging. However, for various reasons such as long-term use or usage conditions, the capacity or recharging efficiency of the secondary battery may gradually deteriorate and recharging cycles may be shortened. If the efficiency of the secondary battery decreases, have the watch repaired.

■Notes on charging the watch

In the displays 4 and 5, measured time stored

in memory will be deleted, or will not be

indicator 1 appears on the display

damage to its internal parts. · When charging the watch by exposure to direct sunlight, avoid places that easily reach high temperatures, such as a car dashboard. · Always keep the watch temperature under 50°C.

Guarantee coverage is provided in the certificate of or incandescent lights, as the watch may be excessively heated resulting in guarantee. Read carefully and retain it. repair services after the guarantee period has expired, if the functions of the watch can be

restored by repair work, we will undertake repair services upon request and payment

outward appearance may differ from the originals.

Keep the watch and accessories out of the reach of babies and children. Care should be taken to prevent a baby or a child accidentally swallowing the battery or accessories If a baby or child swallows the battery or accessories, immediately consult a doctor, as it will be harmful to the

• Handling cautions

· Do not remove the battery from the watch. Replacement of the battery requires professional knowledge and skill. Please ask a watch retailer for replacement of the battery. Do not attempt to charge the battery, as this may cause battery explosion, heat generation, battery leakage, of

damage to the battery. Do not use the watch in scuba diving or saturation diving.

TO PRESERVE THE QUALITY OF YOUR WATCH

Olf the watch body or band becomes edged by corrosion etc.

· Immediately stop wearing the watch in following cases.

Olf the pins protrude from the band.

The various tightened inspections under simulated harsh environment, which are usually required for watches designed for scuba diving or saturation diving, have not been conducted on the water-resistant watch with the BAR (barometric pressure) display. For diving, use special watches for diving.

Avoid wearing or storing the watch in the following places.

OPlaces affected by strong vibrations For watches with batteries, do not leave a dead battery compartment for a long time as it may cause battery leakage

 Do not press buttons when the watch is wet. Water may get inside of the watch.

Be aware of a risk that a water resistant watch may lessen its water resistant performance because of deterioration of the adhesive on the glass or gasket, or the development of rust on stainless steel. · Do not wear the watch while taking a bath or a sauna.

Replacement of the metal band requires professional knowledge and skill. Please ask a watch retailer for replacement of the metal band, as there is a risk of hand or finger injury and fear of losing parts.

Olf your watch is of the fob or pendant type, the strap or chain attached to the watch may damage your

Wipe away moisture, sweat or dirt with a soft cloth.

ODo not disassemble or tamper with the watch.

f your watch is rated as "non-water resistant" or "water resistant for daily use," do not wash the watch

"ALARM 1" display in two to three minutes. (3) How to engage or disengage the alarm

(the alarm is engaged) or "--" (the alarm is disengaged) mark is

/ater resistance for everyday fe at 5 barometric pressures The watch is suitable for sports such as swimming. resistance for everyday life on the watch is suitable for diving not using an air cylinder.

Moisture, sweat or soil will cause rust even on a stainless steel band if they are left for a long time.

 \cdot A leather band is susceptible to discoloration and deterioration from moisture, sweat and direct

Please take care when wearing a watch with light-colored band, as dirt is likely to show up. Refrain from wearing a leather band watch other than Agua Free bands while bathing.

Especially a translucent, white, or pale colored band easily adsorbs other colors, resulting in

Skin irritation caused by a band has various reasons such as allergy to metals or leathers, or Notes on the length of the band Adjust the band to allow a little clearance with your wrist to ensure proper airflow.

Notes on overhaul

When your watch is inspected and adjusted by disassembly and cleaning (overhauled), the movement of your watch may be replaced.

it may decrease in contrast, becoming difficult to read. Please contact the retailer from whom the watch was purchased to have the liquid crystal panel replaced with a new one. It will be replaced at your cost.

in the temperature range between 5°C and 35°C) 3. Operational temperature range...Between -5°C and +50°C (for the display function: between 0°C and +50°C) 4. Display medium···Nematic Liquid Crystal, FEM (Field Effect Mode) 5. Battery···Secondary battery, 1 piece 6. Duration of operation...Approximately six months (When the watch is not exposed to light after being fully charged, and the stopwatch is used for one hour, the built-in illuminating light is

7. Built-in illuminating light···Electroluminescent panel

■ Built-in illuminating light (EL:Electroluminescent Light)

1. Frequency of crystal oscillator...32.768 Hz

as the battery voltage gets lowered. Also, its luminance level decreases gradually with use *After 120 hours of use, the luminance level decreases by about half. When the illuminating light becomes dim, sufficiently charge the watch. If the illuminating light remains dim after sufficiently recharging the watch, have the electroluminescen replaced with a new one by the retailer from whom the watch was purchased. It will be replaced at your cost. The normal life expectancy for the liquid crystal panel of this watch is approximately 7 years. After that,

8. IC (Integrated Circuit) ··· Oscillator, frequency divider and driving circuits (C-MOS-LSI), 2 pieces

The electroluminescent panel used for the built-in illuminating light loses its luminance (brightness)

turned on once for 2 seconds, or the alarm sounds once for 20 seconds per day

2. Loss/gain (monthly rate)...Less than 20 seconds (when the watch is worn on your wrist reset the Built-in IC. Then the watch will resume its normal operation.

RESETTING THE IC

from 12:00:00 AM, Sunday, January 1, 2012.

Before using the watch, set it to the correct time.

* After recovery, the city code of the home time is set to TYO (Tokyo).

(As of Nov 2014)

①Keep buttons A, B, C and D pressed at the same time until the display as dry-cell batteries or button cells, this secondary battery can be used over and over becomes blank.

②The built-in IC is reset. After the built-in IC is reset, the display returns to the time display in the HOME TIME mode. The time and calendar of the watch start moving

In a case that the watch moves abnormally, follow the instructions below to The battery used in this watch is a special secondary battery, which is totally different from ordinary silver oxide batteries. Unlike other disposable batteries such

bursting or ignition.

⚠ CAUTION — • Do not remove the secondary battery yourself. Replacement of the secondary battery requires professional knowledge and skill. Please ask the retailer from whom the watch was purchased for repair. Installation of an ordinary silver oxide battery can generate heat that can cause

When charging the watch, do not place the watch in close proximity to an intense light source such as lighting equipment for photography, spotlights

REMARKS ON REPLACEMENT PARTS

■AFTER-SALE SERVICE

of guarantee to receive repair services.

■Notes on guarantee and repair

SEIKO makes it a policy to typically keep a stock

Daily care

to maintaining the functional integrity of the watch.

Please keep in mind that if original parts are not available, they may be replaced with substitutes whose

of replacement parts for this watch for 7 years. The watch requires good daily care Replacement parts are those which are essential

Contact the retailer from whom the watch was purchased or

SEIKO CUSTOMER SERVICE CENTER for repair or overhaul

· Within the guarantee period, present the certificate

clothes, or injure the hand, neck, or other parts of your body.

solvent or atmospheric humidity.

As for material characteristics, the band is easily dirtied, and may be stained and discolored.

Periodic inspection and adjustment by disassembly and cleaning (overhaul) is recommended