

SEIKO QUARTZ DIVER'S WATCH

Cal. 2625, 7548, 7549

INSTRUCTIONS

Your SEIKO Quartz Diver's Watch is a very accurate timepiece, the result of SEIKO's advanced precision technology. It is a product of K. Hattori & Co., Ltd., and its SEIKO industrial group.

Your SEIKO Quartz Diver's Watch is a battery-powered electronic wristwatch, incorporating a quartz crystal oscillator, and IC (integrated circuit) for excellent timekeeping and a micro-miniature step motor which moves the second hand in precise one second intervals.

It is specially designed for deep-sea diving and has excellent water-resistant quality. The 600 meter model (Cal. 7549) has been water-tested to a pressure of 60 atmospheres (600 meters or 2000 ft.), the 300 meter model (Cal. 7549) to a pressure of 30 atmospheres (300 meters or 1000 ft.) and the 150 meter model (Cal. 2625 and 7548) to a pressure of 15 atmospheres (150 meters or 500 ft.). In addition, the 600 meter model (Cal. 7549) and 300 meter model (Cal. 7549) are designed for use in saturation diving using helium gas, and the one-piece titanium case makes the 600 meter diver's model (Cal. 7549) light and durable. The specified battery powers your watch for approximately three years and the battery life indicator indicates when the battery needs to be replaced.

The extreme accuracy is the result of the highly stable oscillations of the quartz crystal. A fixed voltage current passes through the crystal which is cut at a special angle to achieve the precise oscillation rate and aged to assure the most stable oscillations over a long period of time.

Now SEIKO Quartz watches are changing the world's standard of accuracy.

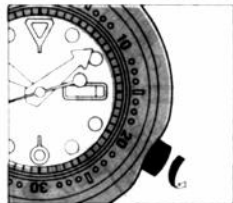
CHARACTERISTICS

1. **Frequency of crystal oscillator:** 32,768 Hz (Hz = Hertz—Cycle per second)
2. **Driving System:** Step motor system
3. **Calendar mechanism:**
Cal. 7548, 7549: Day displayed in either of two languages and date.
Cal. 2625: Date displayed.
4. **Battery:** Silver oxide battery U.C.C. 301 (Cal. 7548, 7549), SEIKO TR726SW or SB-DL (Cal. 2625)
5. **Battery life indicator:** The second hand moves in two second intervals.
6. **IC (Integrated Circuit):** C-MOS-IC (Complementary Metal Oxide Silicon Integrated Circuit)
7. **Water-resistance:** 600 meter, 300 meter and 150 meter water tested models are available.
 - Model with "DIVER'S 600m" mark on the dial (Cal. 7549): Water-tested to a pressure of 60 atmospheres (600 meters or 2000 ft.)
 - Model with "DIVER'S 300m" mark on the dial (Cal. 7549): Water-tested to a pressure of 30 atmospheres (300 meters or 1000 ft.)
 - Model with "DIVER'S 150m" mark on the dial (Cal. 2625 and 7548): Water-tested to a pressure of 15 atmospheres (150 meters or 500 ft.)
8. **Rotating ring:** Can be rotated clockwise and counterclockwise.
The 600 meter model . . . Each click rotates the scale one half of a position (mark).
The 300 meter model and 150 meter model . . . Each click rotates the scale one position (mark).

HOW TO SET THE TIME AND CALENDAR

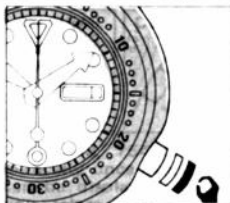
TO SET THE TIME

1



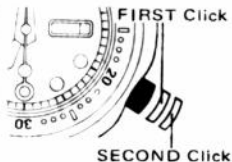
Unscrew the crown by turning it counterclockwise.

2



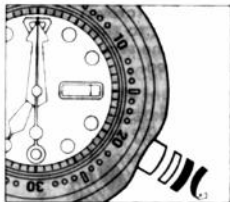
Pull the crown all the way out to the second click. The second hand will stop and the time is ready to be adjusted. For the most accurate setting of the time, we suggest that you stop the second hand on the 12 o'clock mark.

Note: The crown can be pulled out to the first click or the second click as required.



FIRST Click:
Set the calendar.
SECOND Click:
Stop the movement.
Set the hour and minute hands.
Set the second hand.

3



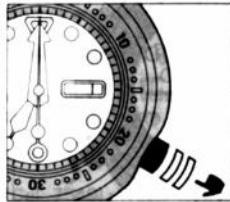
Advance the hands by turning the crown.
Turn the hands past the 12 o'clock mark to determine whether the watch is set in the AM or PM period. If the calendar changes when the hour hand passes 12 o'clock, the time will then be set in the AM period. If the calendar does not change, the time will then be set in the PM period.*

Note: To set the correct time we suggest that you advance the minute hand four or five minutes ahead and then return it to the exact minute.

* The date will change between 11:00 P.M. and 12:00 A.M. The day will change between 12:00 A.M. and 3:00 A.M.

TO SET THE SECOND HAND

4



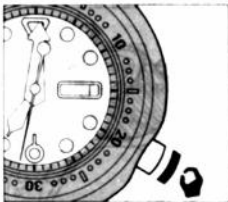
The second hand stopped when you pulled the crown out to the second click.

Depress the crown in accordance with a time signal for exact to the second time setting.

TO SET THE CALENDAR

5

6



Cal. 7548, 7549: Turn it clockwise to set the date and counterclockwise to set the day of the week and language.

Cal. 2625: Turn it counterclockwise to set the date.

Pull the crown out to the first click. The second hand continues to move during calendar adjustments.

Cal. 7548, 7549: The calendar will change automatically once every 24 hours. The day of the week can be displayed in either of two languages. Once you select your desired language it will appear correctly every day.

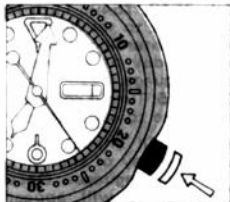
Cal. 2625: The date will change automatically once every 24 hours.

Note: If the setting of the calendar is made between 9:30 P.M. and 12:30 A.M. (Cal. 7548, 7549) or 9:00 P.M. and 12:00 A.M. (Cal. 2625), the calendar may not change to the next day. This is not a malfunction of your watch. The setting must be made before or after this time period.

When the calendar automatically changes to the next day, the other language will appear temporarily until the day change is completed and the selected language appears (Cal. 7548, 7549).

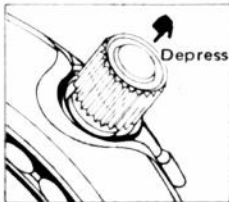
TO LOCK THE CROWN

7



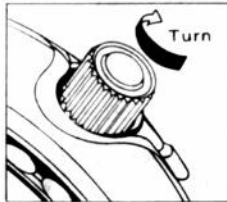
After all adjustments for the time and calendar are completed, push the crown back to the normal position and lock it in place by following the procedures in 8 and 9.

8



Depress the crown.

9



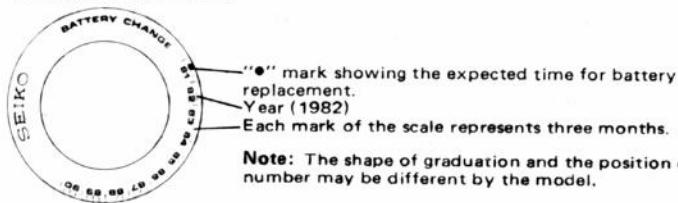
While the crown is depressed, turn it clockwise until it locks in place.

Be sure to read "BATTERY CHANGE" on page 8 and the following instructions before the watch is used.

BATTERY CHANGE

The miniature battery which powers your watch should last approximately three years for Cal. 7548, 7549 (U.C.C. 301) or two years for Cal. 2625 (SEIKO TR726SW or SB-DL). However, because it is inserted at the factory, the actual life of the battery once in your possession may be shortened to less than these periods.

To show when the battery must be replaced, the expected time (month and year) for the first battery replacement is inscribed on the case back as shown in the illustration below.



If the “●” mark indicates that a battery change is necessary, we recommend that you contact a SEIKO SERVICE CENTER for replacement.

With each battery change, be sure to have the SEIKO SERVICE CENTER inscribe a new “●” mark at the position which corresponds to three years (Cal. 7548, 7549) or two years (Cal. 2625) after the battery has been replaced.

BATTERY LIFE INDICATOR (by second hand)

The battery needs to be replaced when you see the second hand moving in two second intervals instead of the normal one second interval. However, the watch will remain accurate during this period.

CHECK THE FOLLOWING ITEMS BEFORE DIVING:

- Check to see if the second hand is moving in one second intervals.
(See "BATTERY LIFE INDICATOR")
 - Check the "●" mark before diving plan is made to be sure it indicates that you are within the expected life of the battery.
(See "BATTERY CHANGE")
 - Check to see if the time and calendar are appropriately set.
 - Check to see if the rotating ring is turning smoothly (the rotation must not be too loose or too tight) and that it is set at the desired time. (The rotation may get slightly harder in the water but this is not a malfunction.)
 - Check to see that the crown is locked tightly in place.
 - Check for any visible cracks and/or breaks in the glass.
 - Check the push pin to be sure it firmly attaches the strap to the watch.
 - Check the buckle to be sure it can secure the strap firmly to the wrist.
- If there are any malfunctions, we recommend that you contact a SEIKO SERVICE CENTER.

THE CARE OF YOUR WATCH

The crystal oscillator in your watch is sealed in a vacuum capsule which is specially designed to protect against shock. Consequently, external conditions will have little effect on your watch in general use. However, remember that your watch contains a highly precise electronic circuit, and to maintain its high accuracy, you should not subject the watch to violent shocks or extreme temperatures.

TO PRESERVE THE WATER RESISTANT QUALITY OF YOUR SEIKO QUARTZ WATCH

Please follow the instructions below:

- Before using in water, be sure the crown is locked in place.
- Do not operate the crown when the watch is wet or in water.
- After the watch is used in water, or when it is wet, wipe it thoroughly dry.
- If it is exposed to sea water, rinse it in fresh water and then wipe it dry.

PERIODICAL CHECK

In order to maintain the excellent water-resistant quality of the diver's watch, we recommend you have it overhauled by a SEIKO SERVICE CENTER when the battery is replaced every three years (Cal. 7548, 7549) or every two years (Cal. 2625).