

DIGITAL TYPE Cal. 0674

# SEIKO QUARTZ

INSTRUCTIONS

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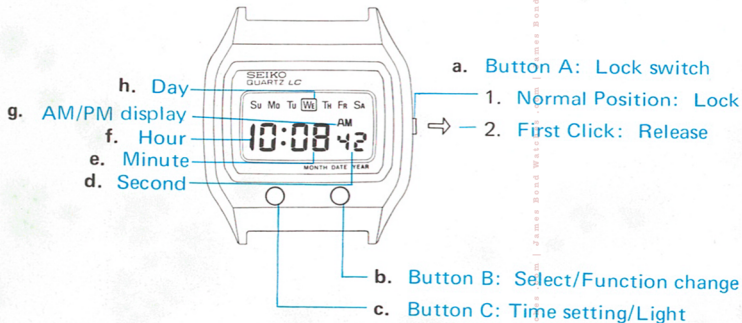
INSTRUÇÕES

用法説明

# SEIKO DIGITAL QUARTZ LC

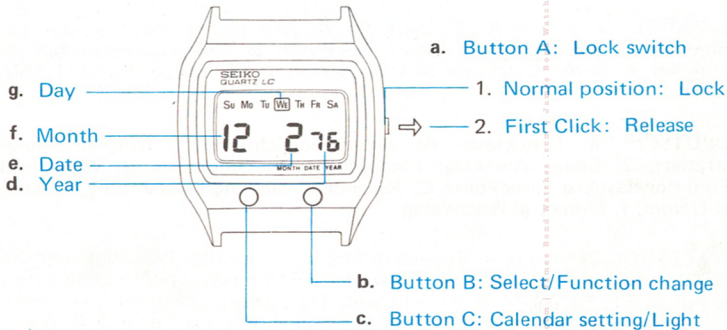
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## Time function





## Calendar function



## SEIKO DIGITAL QUARTZ LC (Liquid Crystal)

Cal. 0674

### INSTRUCTIONS

Your SEIKO Digital Quartz LC is a possession that you can be proud of for its superb accuracy, design and features, a result of SEIKO's advanced micro miniaturization and micro electronic technologies developed by K. Hattori & Co., Ltd. and its SEIKO Industrial group. The exceptional accuracy of your SEIKO Digital Quartz LC is the result of the highly stable oscillations of the quartz crystal, which is carefully cut to the most exacting specifications and aged to assure the most stable oscillations over a long period of time. It is a revolutionary electronic wrist watch with no moving parts, incorporating a quartz crystal oscillator, an integrated circuit and a liquid crystal digital display to indicate the calendar functions (day, date, month & year) and the time functions (hour, AM.PM, minute & second). The change from time functions to the calendar functions is accomplished by the means of a changeover switch. Moreover, new electronic technology is incorporated to automatically adjust for even and odd months and for leap years. 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. Time display . . . . . Continuous digital read-out in the day of the week, hours, AM, PM, minutes and seconds using FEM (Field Effect Mode) of liquid crystal
3. Calendar display . . . . . Day, date, month & year using FEM (Field Effect Mode) of liquid crystal
4. Battery . . . . . U.C.C. 386  
(1 piece . . . Battery life is over one year.)
5. IC (Integrated Circuit) . . C-MOS-LSI (Complementary Metal Oxide Silicon-Large Scale Integrated Circuit)

## HOW TO USE YOUR SEIKO DIGITAL QUARTZ LC

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A newly developed two-way changeover system has made it possible to indicate either the time display or the calendar display by simply depressing button "B" with button "A" (lock switch) in a normal position.

The time display and calendar display can be used independently and the functions of each can be used or adjusted without disturbing the continuous operation of the other.

### HOW TO SET THE TIME

The setting is made in the order of the second, minute, hour & day. First, be sure that the display is indicating the time function.

Button "A" (lock switch) must be released in order to adjust the time. (See diagram, page 2) Otherwise, setting the time is impossible.

Button "B" will serve as the "select" button for selecting the digits to be changed and button "C" will serve as the "set" button which changes the digits.

## 1. TO SET THE SECOND DIGITS

Pull out button "A". The second digits will start blinking. This indicates that the second digits are ready to be adjusted. Depress button "C" in accordance with the "00" second of a time signal and the seconds are then reset to "00" and start immediately.

**NOTE:** When the seconds count any numbers from "00" to "29" the seconds are reset to "00" automatically whenever button "C" is depressed. When the seconds count "30" to "59" and button "C" is depressed, one minute is added and the seconds immediately return to "00".

## 2. TO SET THE MINUTE DIGITS

With button "A" still in the pulled out position and the second digits still blinking, depress button "B" and the minute digits will start blinking. This indicates that the minute digits are ready to be adjusted. Now, one minute is advanced by each depression of button "C". The minute digits are adjusted independently from the hour digits. During adjustment, the hour digits do not advance, although the minute digits may pass the "59" minutes.

### 3. TO SET THE HOUR DIGITS

With button "A" still in the pulled out position and the minute digits still blinking depress button "B" again. The hour digits will start blinking. One hour is advanced by each depression of button "C". The hour digits are adjusted independently from the day and date digits. During adjustment, the day and date digits do not advance although the hour digits may pass 12 midnight. While setting the hours be sure to set AM or PM indication. This will insure the calendar changing at midnight.

### 4. TO SET THE DAY OF THE WEEK

With button "A" still in the pulled out position and the hour digits still blinking, depress button "B" again. The indicating square frame of the day will start blinking. Now, the frame can be moved to the next day by each depression of button "C". The day setting is made independently from the date.

When the time setting is completed, be sure to push button "A" in.

## HOW TO SET THE CALENDAR

The setting is made in the order of the year, date, month and day of the week. First, be sure that the display is indicating the calendar function. Button "A" (lock switch) must be released in order to adjust the calendar. (See diagram, page 5) Otherwise, setting the calendar is impossible.

Button "B" will serve as the "select" button, for selecting the digits to be adjusted, and button "C" will serve as the "set" button, which changes the digits.

### 1. TO SET THE YEAR

Pull out button "A". The year digits will start blinking. This indicates that the year digits are ready to be adjusted. The year digits can be advanced one digit by each depression of button "C".

Once it is set, the calendar will change automatically year after year, even in a leap year.

The year digits can cover from 1976 to 2009.



## 2. TO SET THE DATE

With button "A" still in the pulled out position and the year digits still blinking, depress button "B", and the date digits will start blinking. Now, one date is advanced by each depression of button "C". The date digits are adjusted independently from the month digits. During adjustment, the month digits do not advance although the date digits may pass the last date of the month.

## 3. TO SET THE MONTH

With button "A" still in the pulled out position and the date digits still blinking, depress button "B", and the month digits will start blinking. Now, one month is advanced by each depression of button "C". The month digits are adjusted independently from the year digits. During adjustment, the year digits do not advance although the month digits may pass the 12th month.

## 4. TO SET THE DAY OF THE WEEK

With button "A" still in the pulled out position and the month digits still blinking, depress button "B" again. The indicating square frame of the day will start blinking. Now, the frame can be moved to the next day by each depression of button "C". The day setting is made independently from the date.

When the calendar setting is completed, be sure to push button "A" in.

## HOW TO USE THE LIGHT

Button "C" serves both for setting the time and calendar. It also activates the illuminating light. Push button "C" when button "A" is in the normal position. This will activate the light which illuminates the digits.

This watch is designed so that the battery will last at least one year even if the light button is used ten times each day for one second at a time.

If use of the light button is more frequent than ten times daily, the battery life may be shortened to less than one year.

## THE CARE OF YOUR WATCH

The crystal oscillator in your watch is sealed in a vacuum capsule which is specially designed to protect it against vibrations. 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 it to violent shocks or extreme temperatures.

## BATTERY CHANGE

Although the miniature battery (U.C.C. 386) which powers your watch may last longer than one year, we recommend that it be replaced after each full year of use. Please contact an **AUTHORIZED SEIKO DEALER** for replacement.

**REMARKS:** After replacing the battery, check to see that each digit in both "time function" and "calendar function" are indicated correctly. If there are any incomplete digits, adjust by depressing button "C" with button "A" in the pulled out position.

# SEIKO

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