SCR-100

GENERAL GUIDE

• The configuration of your clock may differ somewhat from that shown in the illustration.

[Front]   **[Back]**

PM indicator
Minutes
Hour
Seconds
Sensitivity dial
Start button
Selector
SET button
Cover
Hook
Battery compartment
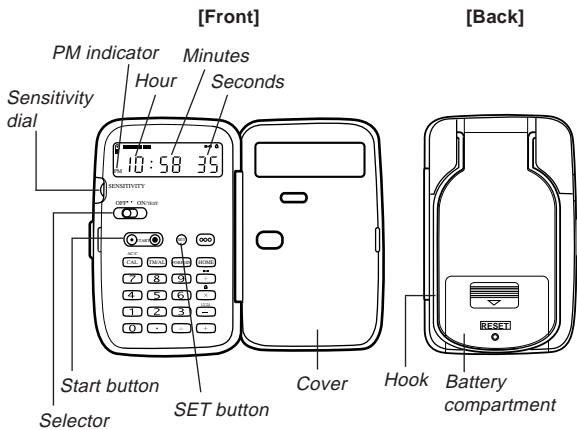
BATTERY REPLACEMENT

This clock is powered by two lithium batteries.
The display of the clock becomes dim or difficult to read, or the alarm sound becomes weak when battery power becomes low. When this happens, use the procedure described below to replace the batteries.
Be sure to use only CASIO brand or other approved batteries for the best results.

To replace the batteries

1. Pull out the hook.
2. Open the battery compartment cover on the back of the clock by sliding it in the direction indicated by the arrow on the cover.
3. Remove the two old lithium batteries.
4. Load two new lithium batteries, making sure that the positive (+) side is facing up (so you can see it).
5. Replace the battery compartment cover.
6. Press the All Reset Button on the back of the clock.
• The All Reset Button is located inside the hole on the back of the clock. Use a thin, pointed object to press it.
7. Set the time.

[Back side]

Battery compartment

All reset button
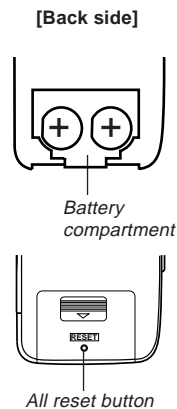
Precautions:

Careless handling of batteries can cause them burst or leak. Note the following precautions and avoid damage to your clock.
• Be sure that the positive (+) and negative (−) poles of the batteries are facing in the proper direction.
• Never mix batteries of different types.
• Never mix old batteries and new ones.
• Never leave dead batteries in the battery compartment.
• Remove the batteries if you do not plan to use the clock for long periods.
• Replace the batteries at least once every year, no matter how much the clock is used during that period.
• Never try to recharge the batteries supplied with the clock.
• Do not expose batteries to direct heat, let them become shorted, or try to take them apart.

Keep batteries out of the reach of small children. If swallowed, consult with a physician immediatly.

WARNING ALARM

This clock comes with a vibration sensor built in. When you hang the clock on a doorknob and switch it on, a warning alarm sounds whenever any tries to move the doorknob.
• With some doorknobs (depending on shape and material), the warning alarm sounds as soon as someone touches the doorknob, even without moving it.
• The warning alarm may not work properly with certain doorknob shapes and with doorknobs made of certain materials.
• You can set the warning alarm to sound for five to 90 seconds. To stop the warning alarm sound before its preset time, slide the selector to OFF.

THIS PRODUCT IS NOT INTENDED TO BE USED AS, AND IS NOT A SUBSTITUTE FOR, A COMPLETE HOME SECURITY SYSTEM. THE MANUFACTURE ASSUMES NO RESPONSIBILITY FOR BURGLARIES, ENTRIES, OR OTHER INCIDENTS THAT MAY OCCUR WHILE THIS PRODUCT IS BEING USED.
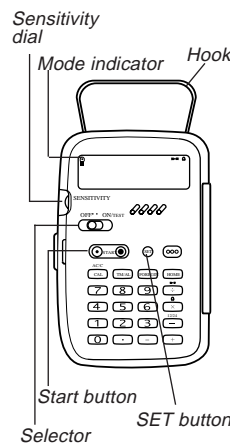

Hook
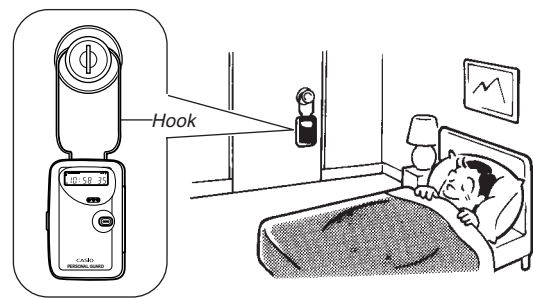
To test the warning alarm

In any mode besides the Warning Alarm Mode, hold down one of the START buttons (⊙ or ◉) to test the warning alarm.
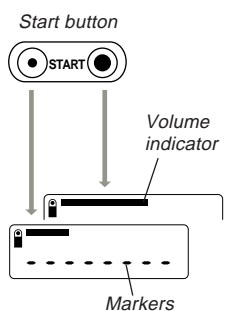
Important!

Warning alarm volume becomes weak when battery power runs low. Be sure to test the alarm to check for low battery power before using the warning alarm. Replace batteries if warning alarm volume is low.
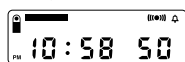
To activate the warning alarm

1. Pull out the hook and hang the alarm on the doorknob.
2. Open the clock's cover and slide the selector to ON.
• This enters the Warning Alarm Mode, which is shown by the indicator on the display.
3. Rotate the sensitivity dial downwards as far as it will go (minimum sensitivity).
4. Try moving the doorknob.
• If the alarm does not sound, move the sensitivity dial upwards a little and try again.
5. Use your hand to stop any swinging movement of the unit, and then release the unit so it is completely still.
• If the alarm does not stop sounding within about 10 seconds after you remove your hand from the unit, or if the alarm suddenly sounds even if no one moves the doorknob, it means that sensitivity is too high and you should rotate the sensitivity dial downwards.
6. Repeat steps 4 and 5 until the alarm sounds whenever the doorknob is moved, and does not sound when the doorknob is not moved.
• If you want to switch the warning alarm off while setting the sensitivity, you should first press CAL and then slide the selector to OFF. If you slide the selector to OFF without first pressing CAL , the Timekeeping Mode display will appear with the current time flashing on the display. If this happens, press SET twice to stop the time from flashing and return to the normal Timekeeping Mode display.

Sensitivity dial
Mode indicator
Hook
Start button
SET button
Selector

Start button

Volume indicator

Markers

**[Warning alarm switched on]**

7. Press one of the START buttons (⊙ or ⦿).
• Press ⊙ or normal volume, or ⦿ for high volume.
• To change from one volume to another, simply press the applicable START button.
• An indicator appears on the display to show which volume level you selected.
• A series of 8 markers also appear on the display, and then are cleared one-by-one. The warning alarm does not sound if you handle the clock or touch the doorknob while these markers are on the display.
8. While markers remain on the display, close the clock's cover and steady the clock so that it is not moving.
• The warning alarm is activated when the last marker disappears from the display, and the timekeeping display appears. Either Home Time or Dual Time appears in the timekeeping display, depending upon which was displayed when you entered the Warning Alarm Mode.

Notes
• The back of the unit should hang so it is about 1cm from the door's surface.
• You cannot switch to any other mode while the warning alarm is switched on. If you want to change to another mode, first set the selector to OFF to switch the warning alarm off.
• Be sure always to set the sensitivity of sensor before using the warning alarm.
• If you have trouble rotating the sensitivity dial with your fingertip, use a thin, pointed object.
• Changes in temperature can affect sensitivity, causing the Warning Alarm to suddenly start sounding. When using the Warning Alarm on a metal door or in environments subject to temperature drops, be sure to set the Sensitivity dial more towards the LOW sensitivity side.
• In hot environments, the sensitivity may become somewhat weaker.
• If you do not press one of the START buttons within about 10 minutes after adjusting the sensitivity, the clock automatically activates the warning alarm (normal volume) and shows the timekeeping display.
• If you maintain contact with the doorknob or the hook of the clock as the last of the 8 markers are cleared from the display (see Step 6, above), the warning alarm will not operate until you let go of the doorknob or hook. Once you do, the warning alarm should sound if you move the doorknob or hook again.
• After you activate the warning alarm, be sure to try moving the doorknob to see that the warning alarm operates correctly.
• If you have set a time for an alarm, it will sound when the time is reached, even if the warning alarm is switched on. Note that the volume of the alarm will be the same as the volume you set for the warning alarm.

**To set the duration of the warning alarm**
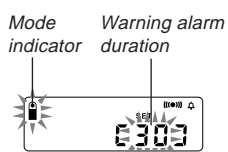
Mode indicator   *Warning alarm duration*

1. Press TM/AL to enter the Timekeeping Mode.
2. While in the Timekeeping Mode, press HOME to display the Home Time.
3. Press SET twice and the warning alarm duration and mode indicator start to flash on the display.
4. Use + and − to set the warning alarm duration.
• Each press of + increases the duration by one second, while − decreases it.
• Holding down either button changes the time setting at high speed.
• You can set the duration within the range of 5 to 90 seconds.

5. After you finish setting the warning alarm duration, press SET to return to the normal display.
• If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the clock goes back to the Normal Timekeeping display automatically.
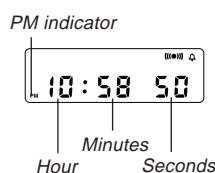
Personal Alarm Function
Hold down the ⦿○○ button and a high-volume alarm sounds for about three minutes. To stop the alarm, open the cover and press CAL .
• You can press ⦿○○ while the clock's cover is closed.

TIMEKEEPING FUNCTION

PM indicator

Hour   *Minutes*   *Seconds*
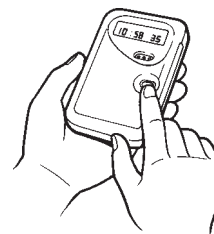
This clock lets you keep track of the current time in two different areas: your home area and another area.

To enter the Timekeeping Mode
Press TM/AL to enter the Timekeeping mode.

To switch between Home Time and Dual Time
Press FOREIGN to switch from Home Time to Dual Time. To switch from Dual Time to Home Time, press HOME .
• The indicator TIME II appears on the display when you select Dual Time.

To set your Home Time

1. While in the Timekeeping mode, press HOME to display the Home Time.
2. Press SET and the time starts to flash on the display.

3. Each press of the + button increases the time by one minute, and pressing − button decreases it by one minute.
• Holding down either button changes the time setting at high speed.
• The hour setting is changed automatically whenever a change in the minutes increases past 59 minutes or decreases past 00 minutes.
• The seconds are reset to "00" whenever you change the minutes setting.
4. After you finish setting the time press SET twice to return to the Normal Display.
• If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the clock goes back to the Normal display automatically.

To set the Dual Time

1. While in the Timekeeping mode, press FOREIGN to display the Dual Time.
2. Press SET and the Hour and Minutes digits start to flash on the display.

3. Each press of the + button increases the time by one minute, and pressing − button decreases it by one minute.
• Holding down either button changes the time setting at high speed.
• The hour setting is changed automatically whenever a change in the minutes increases past 59 minutes or decreases past 00 minutes.
• The seconds count for Dual Time is the same as the ongoing count being performed by the Home Time. Registering a new Dual Time setting does not affect the seconds count.
4. After you finish setting the time press SET to return to the Normal Display.
• If you do not operate any button for a few minutes while a selection is flashing, the flashing stops and the clock goes back to the Normal display automatically.

To switch between the 12-hour and 24-hour formats
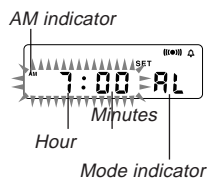While in the Timekeeing Mode, press − to switch between the 12-hour and 24-hour formats.
• The timekeeping format you set for one time (Home Time or Dual Time) is automatically applied in the other time, also.

ALARM FUNCTION

When the Daily Alarm is switched on, the alarm sounds for 60 seconds at the preset time each day. Press any button to stop the alarm after it starts to sound. When the Hourly Time Signal is switched on, the clock beeps every hour on the hour.
• The alarm sounds when the currently displayed time (either Home Time or Dual Time) reaches the time you set.

To set an Alarm Time

AM indicator

Minutes

Hour

Mode indicator

1. While in the Timekeeping Mode, press TM/AL to display the alarm display.
2. Press SET and the alarm time starts to flash on the display.
• At this time, the alarm is automatically switched on.
3. Each press of the + button increases the alarm time by one minute, and pressing − button decreases it by one minute.

• Holding down either button changes the time setting at high speed.
• The hour setting is changed automatically whenever a change in the minutes increases past 59 minutes or decreases past 00 minutes.
• The format (12-hour and 24-hour) of the alarm time matches the format you select for normal timekeeping.
• When setting the alarm time using the 12-hour format, take care to set the time correctly as morning (AM) or afternoon (PM).

To switch the Alarm on and off

1. While in the Timekeeping Mode, press TM/AL to display the alarm display.
2. Press ÷ to switch the alarm on and off.
• If the alarm is on, the Alarm On Indicator ((((●)))) is shown on the display.

To switch the Hourly Time Signal on and off

1. While in the Timekeeping Mode, press TM/AL to display the alarm display.
2. Press × to switch the Hourly Time Signal on and off.
• If the Hourly Time Signal is on, the Hourly Time Signal On Indicator (♪) is shown on the display.

CALCULATOR FUNCTION

The Calculator lets you perform addition, subtraction, multiplication and division using 8-digit values.

To enter the Calculator Mode

Press CAL to enter the Calculator mode.

To use the calculator

Be sure to press CAL twice to clear the calculator before beginning each calculation.

Appears when a number is set as a constant.

Function command sign

8-digit entry can be made.
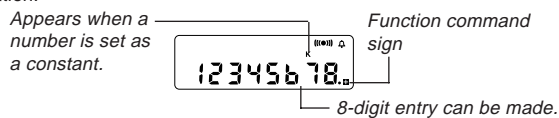
• To clear a value you have just input, press CAL .
• If you press the wrong arithmetic operation key, simply press the correct key before inputting anything else.
• If the result of a calculation exceeds 8 digits, an "E" (error) indicator appears on the display. To clear the entire calculation, press CAL twice.

Calculation Examples

Basic Calculations
The +, −, ×, and ÷ indicators appear on the display whenever you press the corresponding operation key.

Example	Operation	Display
12.3+74−90 = −3.7	12 • 3 + 74 − 90 =	−3.7
(12−0.5)×3÷7 = 4.9285714	12 − • 5 × 3 ÷ 7 =	4.9285714

Constant Calculations

Input the number you want to use as a constant, and then press one of the arithmetic keys twice. This causes the "K" indicator to appear on the display, indicating constant calculations.

Example	Operation	Display
10+7=17	7 + + 10 =	K + 17.
12+7=19	12 =	K + 19.
78−12=66	12 − − 78 =	K − 66.
45−12=33	45 =	K − 33.
2×12=24	12 × × 2 =	K × 24.
5×12=60	5 =	K × 60.
45÷9=5	9 ÷ ÷ 45 =	K ÷ 5.
72÷9=8	72 =	K ÷ 8.
17+17+17+17=68	17 + + = = =	K + 68.
(2.3)⁴ =27.984	2•3 × × = = =	K × 27.9841
	*To perform the above as (2.3²)²:	
	2•3 × = × =	

CURRENCY CONVERSION

The currency conversion feature lets you convert between your home country's currency and the currency of another country. You can specify an exchange rate based either on your home currency (1 unit in foreign currency = how much in home currency) or the foreign currency (1 unit in home currency = how much in foreign currency).

To set a conversion rate

1. Press CAL to enter the Calculator Mode.
2. Press SET and the currently set rate appears on the display.
• If you want to change the direction (home → foreign / foreign → home) of the conversion, perform steps 3 and 4. Otherwise, skip to step 5.
3. Press + to change to the conversion direction display.
4. Each press of HOME and FOREIGN switches the conversion direction. Select the direction you want to use.
5. Input the conversion rate.

Indicator Set Mode

Direction indicator (foreign currency to home currency)

Currently set rate
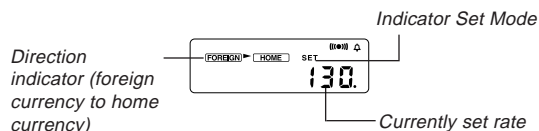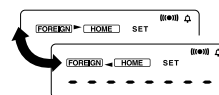
• If your home currency is trading at 130 to the dollar, for example, input 130 here if the dollar is the foreign currency you want to use for conversion (using your home currency as the base).
• To clear the conversion rate to zero, press CAL .
6. Make sure the data is correct and then press SET to store it in memory.
• Nothing is stored in memory until you press SET . This means that if you press any other key to exit the input screen, the currency and rate is unchanged.

To perform a currency conversion

1. Press CAL to enter the Calculator mode.
2. Enter the amount that you want to convert from.
3. Specify the direction of the conversion to display the result.
• Press HOME to treat the amount you entered as a foreign currency converted to your home currency. Press FOREIGN to treat the amount you entered as your home currency converted to foreign currency.

To use currency conversion in calculations

Example: How much in pounds would 5 boxes of French candy cost, if the cost per box is 30 francs?

1. Convert 30 francs into pounds (your home currency, preset as 1 franc=0.1£):
CAL (twice) 3 0 HOME
2. Multiply by 5:
× 5 =

The result is 15£.