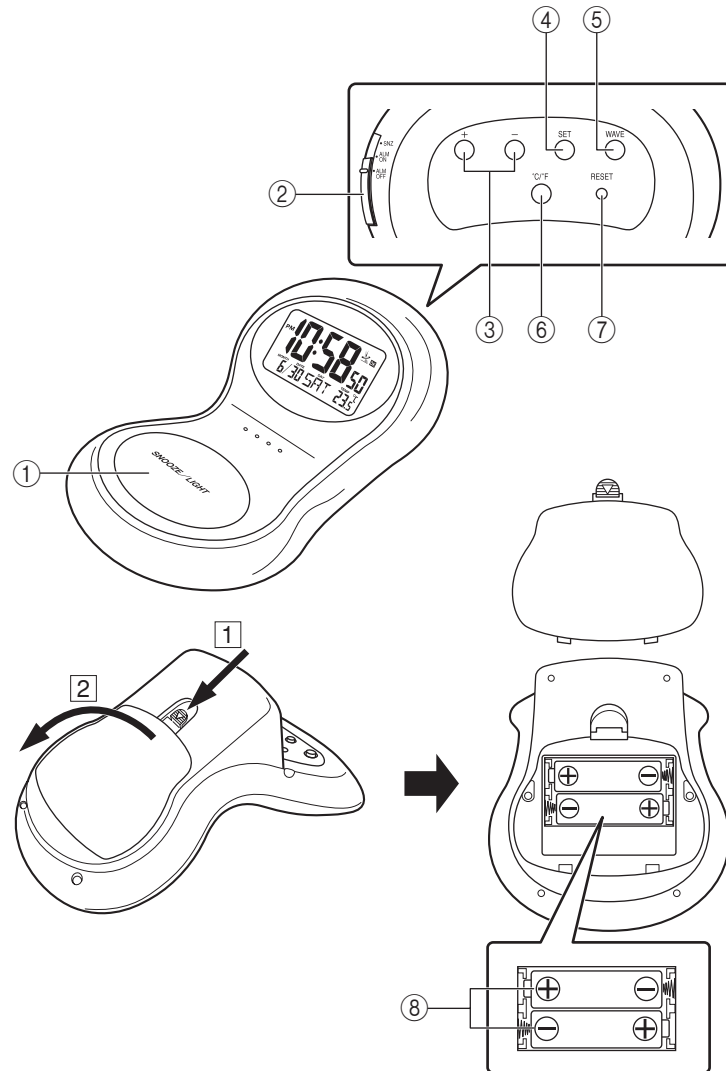


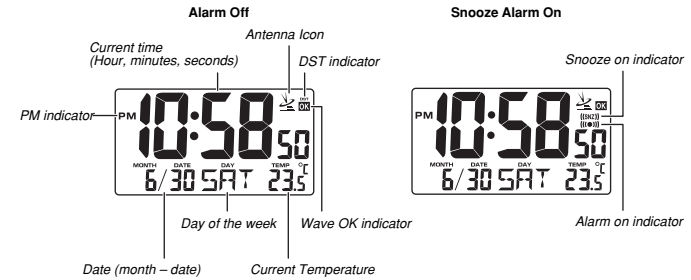
# Operation Guide DQD-106

CASIO®

## ILLUSTRATION



- A sticker is affixed to the glass of this clock when you purchase it. Be sure to remove the sticker before using the clock.
- Depending on its model number, the appearance of your clock may differ somewhat from that shown in the illustration.

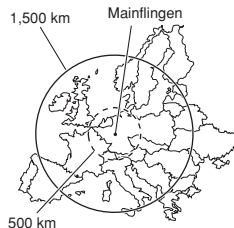


## GENERAL GUIDE

- SNOOZE/LIGHT button**
  - Press this button to illuminate the display for about four seconds.
  - Pressing this button while the alarm is sounding stops the alarm.
- Alarm Mode selector**  
 SNZ: Snooze alarm on  
 ALM ON: Alarm on  
 ALM OFF: Alarm off
- Alarm Time Set buttons**  
 Use these buttons to change the alarm time or current time setting.
- SET button**  
 Use this button when setting the current time.
- WAVE button**  
 Press this button to receive the time calibration signal and adjust timekeeping.
- °C/°F button**  
 Press this button to toggle the temperature units between Celsius and Fahrenheit.
- RESET button**  
 Press this button to reset the clock after replacing its batteries.
- Batteries**

## TIME CALIBRATION SIGNAL RECEPTION PRECAUTIONS

- This clock is able to receive the time calibration signal transmitted from Mainflingen, Germany (located 25 kilometers southeast of Frankfurt). Signal reception is possible within approximately 1,500 km of the transmitter.
- Even when the clock is within the reception range, signal reception is impossible if the signal is blocked by mountains or other geological formations between the clock and signal source.
- Signal reception is affected by weather, atmospheric conditions, and seasonal changes.
- The time calibration signal is bounced off the ionosphere. Because of this, such factors as changes in the reflectivity of the ionosphere, as well as movement of the ionosphere to higher altitudes due to seasonal atmospheric changes or the time of day may change the reception range of the signal and make reception temporarily impossible.
- Reception is best when the back of the clock is facing toward Mainflingen. Note, however, that moving the clock while the time calibration signal receive operation is taking place will make stable reception impossible.
- Think of the clock as acting like a TV or radio when it is receiving the calibration signal. When receiving indoors, move to a location as near as possible to a window. Proper signal reception can be difficult or even impossible under the conditions listed below.



- Inside, among buildings, or near neon signs
- Inside a vehicle
- Near refrigerators or other household appliances, near office equipment, mobile phones or wireless LAN devices.
- Near a construction site, airport, or other sources of electrical noise, underground or in tunnels, near railroads, highways, or radio stations with interfering frequencies.
- Near high-tension power lines
- Among or behind mountains

- Signal reception is normally better at night than during the day.
- Radio interference can make signal reception impossible.
- Strong electrostatic charge can result in the wrong time being set.
- The alarm does not operate during signal reception.

## USING THE CLOCK

Any of the following procedures can be used to set current date and time.

- Auto receive of the time calibration signal
- Manual receive of the time calibration signal
- Manual setting without using the time calibration signal

### Auto Receive

- The clock receives the time calibration signal eight times each day (2:00, 5:00, 8:00, 11:00, 14:00, 17:00, 20:00, 23:00).
- A signal receive operation takes from two to ten minutes under good signal conditions.

### Antenna Icon

- Receive in progress: Icon flashes
- Receive failed: Icon not displayed
- Receive successful: Icon displayed

### Wave OK Indicator

- Receive in progress: OK not displayed
- All receives over the past 24 hours failed: OK not displayed
- At least one successful receive over the past 24 hours: OK displayed

## Unsuccessful Signal Reception

The antenna icon disappears from the display when a signal receive operation is unsuccessful. If this happens, try changing the position or orientation of the clock, and press the **WAVE button** (5) to receive again.

## Manual Receive

- Press the **WAVE button** (5) to start a calibration signal receive operation.
- Use the **WAVE button** (5) to perform a receive operation after replacing the clock's batteries or if the auto receive operation was not performed correctly for some reason.
- The clock beeps and display illumination flashes for about three seconds when a receive operation triggered by the **WAVE button** (5) is successful.

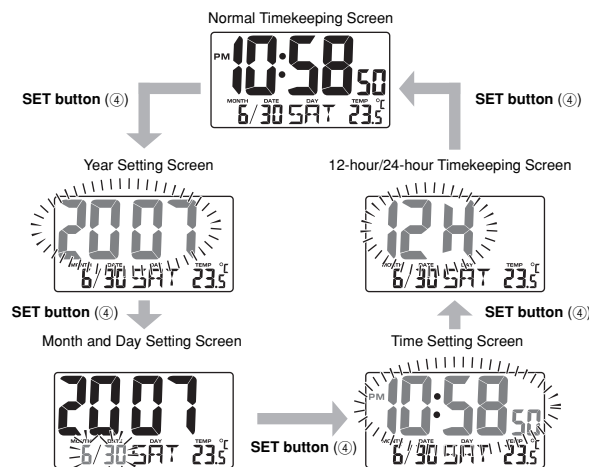
## Important!

- Do not perform any button or switch operation while a signal receive operation is in progress.
- The time calibration signal includes both Standard Time and Daylight Saving Time (summer time) data.
- The DST indicator appears on the display when Daylight Saving Time (summer time) data is received.

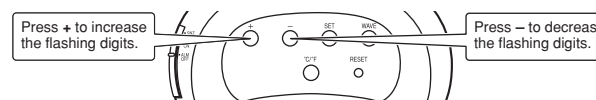
## Setting the Time and Date Manually

- When using the clock in an area that is outside of the range of the transmitter in Mainflingen or in an area where signal reception is impossible for some reason, you need to adjust the time manually as required.

- Press the **SET button** (4) to cycle through the setting screens as shown below.



- While the screen you want is on the display, use the **Alarm Time Set buttons** (3) to change the digits that are flashing.



- Holding down + or - changes the flashing digits at high speed.
- You can set the year in the range of 2000 to 2039. The day of the week is set automatically in accordance with the date setting.
- Pressing + or - while the Time Setting Screen is on the display causes the seconds count to be reset to 00.
- Each press of + or - while the 12-hour/24-hour Timekeeping Screen is on the display toggles between 12-hour and 24-hour timekeeping.

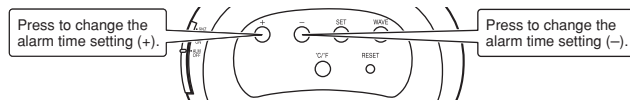
- After making the settings you want, use the **SET button** (4) to display the Normal Timekeeping Screen.
- The clock automatically returns to the Normal Timekeeping Screen if you leave a setting screen on the display for about three minutes without performing any operation.

## USING THE ALARM

The alarm sounds and the light turns on when the alarm time you set is reached. You can also use the **Alarm Mode selector** (2) to select the snooze alarm feature.

### Setting the Alarm Time

Use the **Alarm Time Set buttons** (3) to set the alarm time. Pressing the **Alarm Time Set buttons** (3) causes the alarm time to appear in place of the time on the display.



- Holding down + or - changes the digits at high speed.

### Turning the Alarm On and Off

Use the **Alarm Mode selector** (2) on the side of the clock to turn the alarm on and off, and to select the snooze feature.

Alarm Mode selector	Description
SNZ ((SNZ)) (((●)))	The alarm sounds at the preset time for one minute, and seven more times every five minutes thereafter. Even if you stop the alarm sound by pressing the <b>SNOOZE/LIGHT button</b> (1), the alarm operation is performed again five minutes later. <ul style="list-style-type: none"> <li>• The indicator <b>((SNZ))</b> flashes on the display to indicate that the snooze feature is activated.</li> </ul>
ALM ON (((●)))	The alarm sounds at the preset time for one minute.
ALM OFF	The alarm does not sound.

- The light also turns on for the first five seconds that the alarm sounds.
- The alarm sound changes over four levels as it sounds.

### Stopping the Alarm

- When alarm is sounding, press the **SNOOZE/LIGHT button** (1) to stop it. When the snooze feature is turned on, the alarm will sound again in about five minutes.
- To turn off the snooze feature, slide the **Alarm Mode selector** (2) to ALM OFF.

## USING THE LIGHT

Pressing the **SNOOZE/LIGHT button** (1) turns on the light and illuminates the display for easy reading in the dark.

### Important!

- Overuse of the light can shorten battery life.

## THERMOMETER FUNCTIONS

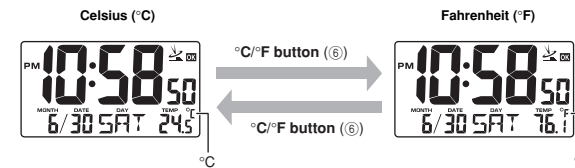
A built-in sensor measures temperature and shows the measured value on the display. The readout from the temperature sensor can also be switched between Celsius (°C) and Fahrenheit (°F).

### Temperature Measurements

- The temperature display shows "LO" for temperatures below -50°C (-58°F) and "HI" for temperatures above 70°C (158°F).
- Though temperature readings are displayed up to 0°C (32°F) and greater than 41°C (105°F), note that such readings are actually outside the guaranteed temperature range of this clock.

### Switching between Celsius and Fahrenheit

- Push the **°C/°F button** (6) to select either Celsius (°C) or Fahrenheit (°F).



## BATTERY REPLACEMENT

Replace batteries whenever the display of the clock becomes dim and difficult to read.

1. Open the battery compartment cover as shown in the illustration.
2. Remove all of the old batteries.
3. Load a full set of new batteries. Make sure that their positive (+) and negative (-) ends face in the correct directions. If you load batteries incorrectly, they can burst and damage the clock.
4. Replace the battery compartment cover.
5. Press the **RESET button** (7). Be sure to press the **RESET button** (7) after replacing batteries.

### Battery precautions

- Keep batteries out of the reach of small children. If a battery is swallowed accidentally, contact your physician immediately.
- Be sure to load the batteries with their positive (+) and negative (-) ends facing correctly.
- Never mix old and new batteries, or batteries of different brands.
- Never charge the batteries that come with the clock.
- Should batteries ever leak while in the clock, wipe out the fluid with a cloth, taking care not to let any get onto your skin.
- Replace the batteries at least once a year, even if the current batteries are working properly.
- The batteries that come with the clock lose some of their power during transport and storage.

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