Getting Acquainted

Congratulations upon your selection of this CASIO watch. To get the most out of your purchase, be sure to read this manual carefully.

- Be sure to keep all user documentation handy for future reference.

Warning!
- The longitude, (unitidal interval, Moon phase indicator and tide graph data that appear on the display of this watch are not intended for navigation purposes. Always use proper instruments and resources to obtain data for navigation purposes.
- This watch is not an instrument for calculating low tides and high tide times. The tide graph of this watch is intended to provide a reasonable approximation of tidal movements only.
- CASIO COMPUTER CO., LTD. assumes no responsibility for any loss, or any claims by third parties that may arise through the use of this watch.

About This Manual
- The operational procedures for Modules 3473 and 3474 are identical. All of the illustrations in this manual show Module 3473.
- The module number is engraved on the back cover of the watch case.
- Button operations are indicated using the letters shown in the illustration.
- Note that the product illustrations in this manual are intended for reference only, and so the actual product may appear somewhat different than depicted by an illustration.
- Each section of this manual provides you with the information you need to perform operations in each mode. Further details and technical information can be found in the “Reference” section.
- To ensure that this watch provides you with the years of service for which it is designed, be sure to carefully read and follow the instructions under “Operating Precautions” and “User Maintenance”.

Contents
- Getting Acquainted .................................................................................................................. E-1
- General Guide ............................................................................................................................. E-3
- Timekeeping ............................................................................................................................... E-8
- To set the time and date .............................................................................................................. E-10
- To toggle the Timekeeping Mode time between DST and Standard Time ................................ E-14
- To configure Home Site data ..................................................................................................... E-17
- To toggle between 12-hour and 24-hour timekeeping ............................................................... E-19
- Moon/Tide Data .......................................................................................................................... E-20
- To view the current Moon/Tide Data Mode data ....................................................................... E-21
- To specify a date .......................................................................................................................... E-23
- To set the time and date .............................................................................................................. E-26
- To use the countdown timer ...................................................................................................... E-28
- To set up the countdown timer ................................................................................................. E-29
- Alarms ......................................................................................................................................... E-30
- To set an alarm time .................................................................................................................... E-32
- To test the alarm .......................................................................................................................... E-34
- To turn Alarms 2 and 3, and the Hourly Time Signal on and off .............................................. E-35
- To test the alarm .......................................................................................................................... E-36
- Dual Time .................................................................................................................................... E-37
- To set the Dual Time .................................................................................................................... E-38
- Stopwatch .................................................................................................................................... E-24
- To measure times with the stopwatch ..................................................................................... E-25
- Countdown Timer ....................................................................................................................... E-26
- To use the countdown timer ...................................................................................................... E-27
- To set up the countdown timer ................................................................................................. E-28
- Alarms ......................................................................................................................................... E-30
- To set an alarm time .................................................................................................................... E-32
- To test the alarm .......................................................................................................................... E-34
- To turn Alarms 2 and 3, and the Hourly Time Signal on and off .............................................. E-35
- To test the alarm .......................................................................................................................... E-36
- Dual Time .................................................................................................................................... E-37
- To set the Dual Time .................................................................................................................... E-38

Illumination ..................................................................................................................................... E-40
- To illuminate the display ............................................................................................................. E-40
- To specify the illumination duration ............................................................................................ E-41

Reference ....................................................................................................................................... E-42
- To turn the button operation tone on and off ............................................................................ E-46
- Specifications ............................................................................................................................... E-49
- Operating Precautions ................................................................................................................ E-52
- User Maintenance ....................................................................................................................... E-62

General Guide
- Press $ to change from mode to mode.
- In any mode (except when a setting screen is on the display), press $ to illuminate the face of the watch.

Timekeeping Mode  Moon/Tide Data Mode  Stopwatch Mode

Countdown Timer Mode  Alarm Mode
Timekeeping

Use the Timekeeping Mode to set and view the current time and date.

- The Moon phase indicator (page E-42) shows the current Moon phase in accordance with the current date as kept in the Timekeeping Mode.
- The tide graph (page E-44) shows tidal movements for the current date in accordance with the current time as kept in the Timekeeping Mode.

Important:
- Be sure to configure the current time and date, and your Home Site data (data for the site where you use the watch) correctly before using the functions of this watch. See “Home Site Data” (page E-15) for more information.

To set the time and date

1. In the Timekeeping Mode, press \( \text{DST} \) until the seconds start to flash, which indicates the setting screen.
2. Press \( \text{DST} \) to move the flashing in the sequence shown below to select the other settings.

<table>
<thead>
<tr>
<th>Screen</th>
<th>To do this</th>
<th>Do this</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td>Press ( \text{DST} )</td>
<td></td>
</tr>
<tr>
<td>DST</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>Hour</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>Minute</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>Second</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
</tbody>
</table>

3. When the setting you want to change is flashing, use \( \text{DST} \) and \( \text{DST} \) to change it as described below.

<table>
<thead>
<tr>
<th>Screen</th>
<th>To do this</th>
<th>Do this</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td>Press ( \text{DST} )</td>
<td></td>
</tr>
<tr>
<td>DST</td>
<td>Press ( \text{DST} )</td>
<td>On/Off status</td>
</tr>
<tr>
<td>Hour</td>
<td>Press ( \text{DST} )</td>
<td>Change the hour or minutes</td>
</tr>
<tr>
<td>Minute</td>
<td>Press ( \text{DST} )</td>
<td>Change the minute</td>
</tr>
<tr>
<td>Second</td>
<td>Press ( \text{DST} )</td>
<td>Change the second</td>
</tr>
<tr>
<td>DST</td>
<td>Press ( \text{DST} )</td>
<td>Change the DST indicator</td>
</tr>
</tbody>
</table>

4. Press \( \text{DST} \) twice to exit the setting screen.

- The first press of \( \text{DST} \) displays the UTC differential setting screen. Pressing \( \text{DST} \) again exits the setting screen.
- See "Daylight Saving Time (DST) Setting" for details about the DST setting.
- The day of the week is displayed automatically in accordance with the date (year, month, and day) settings.

Daylight Saving Time (DST) Setting

Daylight Saving Time (summer time) advances the time setting by one hour from Standard Time. Remember that not all countries or even local areas use Daylight Saving Time.

Home Site Data

Moon phase, tide graph data, and Moon/Tide Data Mode data will not be displayed properly unless Home Site data (UTC differential, longitude, and lunitidal interval) is configured correctly.

- The UTC differential is a value that indicates the time difference between a reference point in Greenwich, England and the time zone where a city is located.
- The letters "UTC" is the abbreviation for "Coordinated Universal Time", which is the world-wide scientific standard of timekeeping. It is based upon carefully maintained atomic (cesium) clocks that keep time accurately to within microseconds. Leap seconds are added or subtracted as necessary to keep UTC in sync with the Earth's rotation.
- The lunitidal interval is the time elapsing between the Moon's transit over a meridian and the next high tide at that meridian. See "Lunitidal Interval" (page E-45) for more information.
- This watch displays lunitidal intervals in terms of hours and minutes.
- The "Site/Lunitidal Interval Data List" at the back of this manual provides UTC differential and longitude information around the world.

To configure Home Site data

1. In the Timekeeping Mode, press \( \text{DST} \) until the seconds start to flash, which indicates the setting screen.
2. Press \( \text{DST} \) again to display the UTC differential setting screen.
3. Press \( \text{DST} \) to move the flashing in the sequence shown below to select other settings.

<table>
<thead>
<tr>
<th>Screen</th>
<th>To do this</th>
<th>Do this</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td>Press ( \text{DST} )</td>
<td></td>
</tr>
<tr>
<td>DST</td>
<td>Press ( \text{DST} )</td>
<td></td>
</tr>
<tr>
<td>Day</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>Month</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>Year</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>DST</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>UTC</td>
<td>Press ( \text{DST} )</td>
<td>UTC differential</td>
</tr>
<tr>
<td>Long.</td>
<td>Press ( \text{DST} )</td>
<td>Longitude Value</td>
</tr>
<tr>
<td>West L.</td>
<td>Press ( \text{DST} )</td>
<td>East Longitude</td>
</tr>
<tr>
<td>H.</td>
<td>Press ( \text{DST} )</td>
<td>Date</td>
</tr>
<tr>
<td>M.</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
<tr>
<td>S.</td>
<td>Press ( \text{DST} )</td>
<td>DST Setting</td>
</tr>
</tbody>
</table>

To toggle between 12-hour and 24-hour timekeeping

In the Timekeeping Mode, press \( \text{DST} \) to toggle between 12-hour timekeeping and 24-hour timekeeping.

- With the 12-hour format, the \( \text{DST} \) indicator appears to the left of the hour digits for times in the range of noon to 11:59 p.m. and the \( \text{AM} \) indicator appears to the left of the hour digits for times in the range of midnight to 11:59 a.m.
- With the 24-hour format, times are displayed in the range of 0:00 to 23:59, without any indicator.
- The 12-hour / 24-hour timekeeping format you select in the Timekeeping Mode is kept in the Timekeeping Mode.
- The Moon phase indicator (page E-42) shows the correct Moon phase in accordance with the current date as kept in the Timekeeping Mode.
- The tide graph (page E-44) shows tidal movements for the current date in accordance with the current time as kept in the Timekeeping Mode.

Important:
- Be sure to configure the current time and date, and your Home Site data (data for the site where you use the watch) correctly before using the functions of this watch. See “Home Site Data” (page E-15) for more information.

4. When the setting you want to change is flashing, use \( \text{DST} \) and \( \text{DST} \) to change it as described below.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Screen</th>
<th>To do this</th>
<th>Do this</th>
</tr>
</thead>
<tbody>
<tr>
<td>UTC</td>
<td>Press ( \text{DST} )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Long.</td>
<td>Press ( \text{DST} )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>East L.</td>
<td>Press ( \text{DST} )</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lunit.</td>
<td>Press ( \text{DST} )</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- When the DST setting is on, the UTC differential can be set in a range of –11.0 to +15.0 in 0.5-hour units.
5. Press \( \text{DST} \) to exit the setting screen.
To specify a countdown start time of 24 hours, set

While the tide data screen is displayed, press

Press A

While the Moon data screen is displayed, press

You can specify a date in the range of January 1, 2000 to December 31, 2099.

If you suspect that the current Moon/tide data is wrong

) is displayed on the Countdown Timer Mode

D

Day

To completely stop a countdown operation, first pause it (by pressing

If you are using 12-hour timekeeping,

D

D

All of the operations in this section are performed in

A

A

Auto-repeat

You can also specify a particular date (year, month, day) to view its tide data and

The Moon/Tide Data Mode, which you enter by pressing (page E-8).

An ongoing elapsed time measurement operation will

The stopwatch lets you measure elapsed time, split

The display range of the stopwatch is 23 hours,

The countdown timer measurement operation continues even if you exit the

4. Press A to exit the setting screen.

5. Use A to display either the tide data screen or the Moon data screen.

To view the current Moon/Tide Data Mode data

In the Moon/Tide Data Mode, press A to toggle between the tide data screen and

The tide data screen shows the tide for the currently displayed time. The initial tide data

The Moon data screen shows the Moon age and Moon phase for the current date.

If you are using 12-hour timekeeping, P (p.m.) or A (a.m.) will be indicated for the

The display graph shows the tide for the currently displayed time. The initial tide data

The Moon/Tide Data Mode, which you enter by pressing (page E-8).

To specify a date

1. In the Moon/Tide Data Mode, hold down A until the

To measure times with the stopwatch

Elapsed Time

Stop

Resume

Stop

Clear

Split Time

Start

Split

Stop

Clear

Two Finishes

Start

Stop

Stop

Clear

To use the countdown timer

Press while in the Countdown Timer Mode to start the countdown timer.

When the end of the countdown is reached and auto-repeat is turned off, the alarm

When auto-repeat is turned on, the countdown will restart automatically without

The countdown timer measurement operation continues even if you exit the

Press while a countdown operation is in progress to pause it. Press A again to

To completely stop a countdown operation, first pause it (by pressing ()), and

To set up the countdown timer

1. While the countdown start time is on the display in the

The countdown timer starts when the countdown start time reaches zero.

All of the operations in this section are performed in the

A

A

Auto-repeat

To change the hours or minutes

Use (+) and (-) to change it.

To specify a countdown start time of 24 hours, set 00:00.

To exit the setting screen.

The auto-repeat on indicator (Q) is displayed on the Countdown Timer Mode

Frequent use of auto-repeat and the alarm can run down battery power.
Alarms

To set an alarm
1. In the Alarm Mode, use (1) to scroll through the alarm screens until the one whose time you want to set is displayed.

- Alarm 1 has a snooze feature.
- The snooze alarm operation repeats every five minutes.

2. After you select an alarm, hold down (2) until the hour setting of the alarm time starts to flash, which indicates the setting screen.
- This operation automatically turns on the alarm.

3. Press (3) to move the flashing in the sequence shown below to select other settings.

- Alarm on indicator (ALM) is displayed in all modes.
- The applicable alarm on indicator (SNZ ALM) is displayed in all modes when an alarm is turned on.
- SNZ indicator flashes during the 5-minute intervals between alarms.
- Displaying the Alarm 1 setting screen (page E-32)

To test the alarm
In the Alarm Mode, hold down (4) to sound the alarm.

To set the Dual Time
1. Press (5) to enter the Dual Time Mode (page E-9).
2. In the Dual Time Mode, hold down (6) until the DST setting starts to flash, which indicates the setting screen.
3. Press (7) to move the flashing in the sequence shown below to select the other settings.

- The DST indicator on the Dual Time Mode screen indicates that DST is turned on for the Dual Time Mode time.

To turn Alarms 2 and 3, and the Hourly Time Signal on and off
1. In the Alarm Mode, use (8) to select alarm number 2 or 3, or the Hourly Time Signal.
2. Press (9) to toggle it on and off.
- Turning on alarm 2 or 3 displays the alarm on indicator.
- Turning on the Hourly Time Signal displays the hourly time signal on indicator.
- The alarm on (ALM) indicator and hourly time signal on (SIG) indicator are displayed in all modes.

To select the operation of Alarm 1
1. In the Alarm Mode, use (10) to select Alarm 1.
2. Press (11) to cycle through the available settings in the sequence shown below.

- The applicable alarm on indicator (SNZ ALM) is displayed in all modes when an alarm is turned on.
- SNZ indicator flashes during the 5-minute intervals between alarms.
- Displaying the Alarm 1 setting screen (page E-32) while the snooze alarm is turned on automatically turns off the snooze feature.

Dual Time
The Dual Time Mode lets you keep track of time in a different time zone. You can select Standard Time or Daylight Saving Time for the Dual Time Mode.
- In the Dual Time Mode, the seconds count is synchronized with the seconds count of the Timekeeping Mode.

Alarm Types
The alarm type is determined by the settings you make, as described below.
- Daily alarm
Set the hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at the time you set.
- Date alarm
Set the month, day, hour and minutes for the alarm time. This type of setting causes the alarm to sound at the specific time, on the specific date you set.
- 1-Month alarm
Set the month, hour and minutes for the alarm time. This type of setting causes the alarm to sound everyday at time you set, only during the month you set.
- Monthly alarm
Set the day, hour and minutes for the alarm time. This type of setting causes the alarm to sound every month at the time you set, on the day you set.

Alarm Operation
The alarm tone sounds at the preset time for 10 seconds, regardless of the mode the watch is in. While the snooze function is turned on, the alarm operation will repeat every five minutes up to seven times, or until the alarm or snooze function is turned off.
- To stop the alarm tone after it starts to sound, press any button.
- Performing any one of the operations below during a 5-minute interval between snooze alarms cancels the current snooze alarm operation.

To set an alarm time
The applicable alarm on indicator (SNZ ALM) is displayed in all modes when an alarm is turned on.
- If you are using 12-hour timekeeping, take care to set the time correctly as a.m. (A indicator) or p.m. (P indicator).
- Setting an alarm time using 12-hour timekeeping, p.m. will be indicated for the selected alarm time.
- Setting an alarm time using 12-hour timekeeping, take care to set the time correctly as a.m. (A indicator) or p.m. (P indicator).
- Setting an alarm time using 12-hour timekeeping, p.m. will be indicated for the selected alarm time.
- Setting an alarm time using 12-hour timekeeping, take care to set the time correctly as a.m. (A indicator) or p.m. (P indicator).

To turn Alarms 2 and 3, and the Hourly Time Signal on and off
1. In the Alarm Mode, use (12) to select alarm number 2 or 3, or the Hourly Time Signal.
2. Press (13) to toggle it on and off.
- Turning on alarm 2 or 3 displays the alarm on indicator.
- Turning on the Hourly Time Signal displays the hourly time signal on indicator.
- The alarm on (ALM) indicator and hourly time signal on (SIG) indicator are displayed in all modes.

To select the operation of Alarm 1
1. In the Alarm Mode, use (14) to select Alarm 1.
2. Press (15) to cycle through the available settings in the sequence shown below.

- The applicable alarm on indicator (SNZ ALM) is displayed in all modes when an alarm is turned on.
- SNZ indicator flashes during the 5-minute intervals between alarms.
- Displaying the Alarm 1 setting screen (page E-32) while the snooze alarm is turned on automatically turns off the snooze feature.
Illumination
The watch has an LED light that you can turn on for reading in the dark.
- See “Illumination Precautions” (page E-48) for more important information.

To illuminate the display
In any mode, press \( \square \) to turn on illumination.
- You can use the procedure below to select either 1.5 seconds or 3 seconds as the illumination duration. When you press \( \bar{\square} \), the illumination will remain on for about 1.5 seconds or 3 seconds, depending on the current illumination duration setting.

To specify the illumination duration
1. In the Timekeeping Mode, hold down \( \bar{\square} \) until the seconds start to flash, which indicates the setting is complete.
2. While the seconds are flashing, press \( \bar{\square} \) to toggle the illumination duration between 1.5 seconds \((*)\) and 3 seconds \((\bar{\square})\).
3. Press \( \square \) twice to exit the setting screen.

Moon Phase Indicator
The Moon phase indicator of this watch indicates the current phase of the Moon as shown below.

- New Moon
- First Quarter (Waning)
- Quarter (Waning)
- Half Moon (Waning)
- Last Quarter (Waxing)
- First Quarter (Waxing)
- Half Moon (Waxing)
- New Moon

Tide Graph
The Tide Graph has six graphic segments, each of which indicates a different tide level. The current tide level is indicated by the displayed graphic segment.

- Low Tide (Rising Tide)
- High Tide
- Low Tide (Falling Tide)

Tidal Movements
Tides are the periodic rise and fall of the water of oceans, seas, bays, and other bodies of water caused mainly by the gravitational interactions between the Earth, Moon, and Sun. Tides rise and fall about every six hours. The tide graph of this watch indicates tidal movement based on the Moon’s transit over a meridian and the lunar tidal interval. The lunar tidal interval differs according to your current location, so you must specify a lunar tidal interval in order to obtain the correct tide graph readings.

- The tide graph displayed by this watch is based on the current Moon age. Remember that the margin for error of the Moon age displayed by this watch is ±1 day. The greater the error in a particular Moon age, the greater the error in the resulting tide graph.

Lunisolar Interval
Theoretically, high tide is at the Moon’s transit over the meridian and low tide is about six hours later. Actual high tide occurs somewhat later, due to factors such as viscosity, friction, and underwater topography. Both the time differential between the Moon’s transit over the meridian until high tide and the time differential between the Moon’s transit over the meridian until low tide are known as the “lunisolar interval”. When setting the lunisolar interval for this watch, use the time differential between the Moon’s transit over the meridian until high tide.

Auto Return Features
- If you leave a screen with flashing digits on the display for two or three minutes without performing any operation, the watch automatically exits the setting screen.
- If you leave the watch in the Moon/Tide Data or Alarm Mode for two or three minutes without performing any operation, it automatically changes to the Timekeeping Mode.

Scrolling
The \( \square \) and \( \bar{\square} \) buttons are used in various modes and setting screens to scroll through data on the display. In most cases, holding down these buttons during a scroll operation scrolls through the data at high speed.

Timekeeping
- Reseting the seconds to 00 while the current count is in the range of 30 to 59 causes the minutes to be increased by 1. In the range of 00 to 29, the seconds are reset to 00 without changing the minutes.
- The year can be set in the range of 2000 to 2099.
- The watch’s built-in full automatic calendar makes allowances for different month lengths and leap years. Once you set the date, there should be no reason to change it except after you have the watch’s battery replaced.

Illumination Precautions
- Illumination may be difficult to see when viewed under direct sunlight.
- Illumination turns off automatically whenever an alarm sounds.
- Frequent use of illumination runs down the battery.

Specifications
- Accuracy at normal temperature: ±30 seconds a month
- Timekeeping: Hour, minutes, seconds, a.m. (A)/p.m. (P), month, day, day of the week.
- Time format: 12-hour and 24-hour
- Calendar system: Full Auto-calendar pre-programmed from the year 2000 to 2099.
- Other: Daylight Saving Time (summer time)/Standard Time; Home Site data settings (UTC differential, longitude, lunisolar interval)

Stopwatch
- Measuring unit: 1/100 second
- Measuring capacity: 23:59'59.99"
- Measuring modes: Elapsed time, split time, two finishes
Leaving your watch in an area hotter than +60°C (140°F) for long periods can lead to problems with its LCD. The LCD may become difficult to read at temperatures lower than 0°C (32°F) and greater than +40°C (104°F).

Water Resistance

<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>5BAR</td>
</tr>
</tbody>
</table>

Do not use your watch for scuba diving or other types of diving that requires air tanks.

Operating Precautions

- A trained technician will inspect your watch for proper water resistance whenever you have its battery replaced. Battery replacement requires the use of special tools. Always request battery replacement from your original retailer or from an authorized CASIO service center.
- Semi-transparent resin parts can become discolored due to sweat and dirt, and if there are printed figures on the band, strong rubbing of the printed area can cause discoloration.
- Resin components are subject to change without notice.
- Water-resistant watches come with fashionable leather bands. Avoid swimming, washing, or any other activity that causes direct exposure of a leather band to water.
- Though a digital watch normally is not affected by magnetism, very strong magnetism (from medical equipment, etc.) should be avoided because it can cause malfunction and damage to electronic components.
- The inside surface of the watch glass may fog when the watch is exposed to a sudden drop in temperature. No problem is indicated if the fogging clears up relatively quickly. Sudden and extreme temperature changes (such as coming into an air conditioned room in the summer and standing close to an air conditioner outlet, or leaving a heated room in the winter and allowing your watch to come into contact with snow) can cause it to take longer for glass fogging to clear up. If glass fogging does not clear up or if you notice moisture inside of the glass, immediately stop using your watch and take it to your original retailer or to an authorized CASIO service center.
- Your water-resistant watch has been tested in accordance with International Organization for Standardization regulations.

Temperature

- Never leave your watch on the dashboard of a car, near a heater, or in any other location that is subject to very high temperatures. Do not leave your watch where it will be exposed to very high temperatures. Temperature extremes can cause your watch to lose or gain time, to stop, or otherwise malfunction.
- Leaving your watch in an area hotter than +60°C (140°F) for long periods can lead to problems with its LCD. The LCD may become difficult to read at temperatures lower than 0°C (32°F) and greater than +40°C (104°F).

Impact

- Your watch is designed to withstand impact incurred during normal daily use and during light activity such as playing catch, tennis, etc. Dropping your watch or otherwise subjecting it to strong impact, however, can lead to malfunction.
- Note that watches with shock-resistant designs (G-SHOCK, BABY-G, G-MSX) can be worn while operating a chain saw or engaging in other activities that generate rainbow effect on the display.
- Do not wear your watch while washing your hands or face, while doing housework, or while performing any other task that involves soaps or detergents.

Magnetism

- Though a digital watch normally is not affected by magnetism, very strong magnetism (from medical equipment, etc.) should be avoided because it can cause malfunction and damage to electronic components.
- Electrostatic charge can cause the display to go blank momentarily or cause a rainbow effect on the display.

Chemicals

- Do not allow your watch to come into contact with thinner, gasoline, solvents, oils, or fats, or with any cleaners, adhesives, paints, medicines, or cosmetics that contain such ingredients. Doing so can cause discoloration of or damage to the resin case, resin band, leather, and other parts.

Leather Band

- Leave your watch wet for long periods can cause fluorescent color to fade. Wipe the watch dry as soon as possible after it becomes wet.
- Semi-transparent resin parts can become discolored due to sweat and dirt, and if exposed to high temperatures and humidity for long periods.
- Daily use and long-term storage of your watch can lead to deterioration, breaking, or bending of resin components. The extent of such damage depends on usage conditions and storage conditions.

Storage

- If you do not plan to use your watch for a long time, thoroughly wipe it free of all dirt, sweat, and moisture, and store it in a cool, dry place.

Resin Components

- Allowing your watch to remain in contact with other items or storing it together with other items for long periods while it is wet can cause color on resin components to transfer to the other items, or the color of the other items to transfer to the resin components of your watch. Be sure to dry off your watch thoroughly before storing it and make sure it is not in contact with other items.
- Leave your watch where it is exposed to direct sunlight (ultraviolet rays) for long periods or failure to clean dirt from your watch for long periods can cause it to become discolored.
- Friction caused by certain conditions (strong external force, sustained rubbing, impact, etc.) can cause discoloration of painted components.
- If there are printed figures on the band, strong rubbing of the printed area can cause discoloration.

Battery

- Module 3473: One lithium battery (Type: CR2025) Approximately 10 years on type CR2025 (assuming alarm operation 10 sec./day and one illumination operation 1 sec./day)
- Module 3474: One lithium battery (Type: CR1620) Approximately 5 years on type CR1620 (assuming alarm operation 10 sec./day and one illumination operation 1.5 sec./day)

Frequent illumination shortens the battery life.

Specifications are subject to change without notice.
### Dangers of Poor Watch Care

- **Rust**: Can cause sharp areas on metal components and can cause band pins to fly out of position or to fall out. If you ever notice any abnormality immediately stop using your watch and take it to your original retailer or to an authorized CASIO service center.
- **Premature Wear**: Leaving sweat or water on a resin band or bezel, or storing your watch in an area subject to high moisture can lead to premature wear, cuts, and breaks.
- **Skin Irritation**: Individuals with sensitive skin or in poor physical condition may experience skin irritation when wearing a watch. Such individuals should keep their leather band out of position or to fall out. If you ever notice any abnormality immediately stop using your watch and take it to your original retailer or to an authorized CASIO service center.
- **Low Battery Power**
  - Low battery power is indicated by large timekeeping error, by dim display contents, or by a blank display.
  - Operation while battery power is low can result in malfunction. Replace the battery as soon as possible.

### Operation Guide 3473/3474

#### Site/Lunitidal Interval Data List

<table>
<thead>
<tr>
<th>Site/Lunitidal Interval Data List</th>
<th>Site</th>
<th>UTC Differential</th>
<th>Longitude</th>
<th>Lunitidal Interval</th>
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</tbody>
</table>

#### Bacteria and Odor Resistant Band

- **Bacteria and odor resistant band**: Protects against odor generated by the formation of bacteria from sweat, which ensures comfort and hygiene. In order to ensure maximum bacteria and odor resistance, keep the band clean. Use an absorbent soft cloth to thoroughly wipe the band clean of dirt, sweat, and moisture. A bacteria and odor resistant band suppresses the formation of organisms and bacteria. It does not protect against rash due to allergic reaction, etc.

#### Liquid Crystal Display

- **Display figures may be difficult to read when viewed from an angle.**

Note that CASIO COMPUTER CO., LTD. assumes no responsibility for any damage or loss suffered by you or any third party arising through the use of your watch or its malfunction.
The contents of the above table are current as of January 2019.

* The rules governing global times (UTC offset and GMT differential) and summer time are determined by each individual country.