The keyboard is designed for fingertip operation; so you may use each key easily by finger touch. Do not use any sharp objects, as they may scratch key surfaces.

Le clavier est conçu de manière à pouvoir être commandé du bout des doigts; vous pouvez donc appuyer sur chaque touche facilement. Si vous utilisez un objet pointu, vous risquez de rayez les touches. Ne donc pas utiliser d'objet pointu.

El teclado ha sido diseñado para operación al tacto, usualmente deberá tocar la tecla con la punta de sus dedos. Si utiliza objetos afilados podría rayar la superficie de la tecla, por lo tanto, abstéganse de usar tales elementos.

Reading the display

- [Calculator mode]
  - Press A.
  - Views phone number.
  - Changes between 12/24-hour format.
- [Regular timekeeping model]
  - Views time, Date.
  - After a second.
- [Memory model]
  - Press C.
  - Views year digits.
  - Telephone number.
  - P.M., Hours, Minutes, Seconds.

Reversion to regular timekeeping: The watch reverts to the regular timekeeping when the A button is pressed, regardless of the mode.

Calculator operation

Recalls the contents of the memory. Clears the contents of the memory. Appears when a number is set as a constant. A function command sign.

Silences the tone to save battery. To retrieve sound, press again. Changes the mode to regular timekeeping.

Clears entry for correction. Releases overflow or error check. Overflows is indicated by an ”F” sign and stops the calculation. Overflow occurs when the integer part of an answer exceeds 8 digits (7 digits for negatives).

Enter numbers.

For decimal places, use the key in its logical sequence.

Obtains answer.

EXAMPLE

<table>
<thead>
<tr>
<th>OPERATION</th>
<th>READ-OUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic calculations:</td>
<td>3×4=12</td>
</tr>
<tr>
<td>1/2÷=0.5</td>
<td>80/18=4.44</td>
</tr>
<tr>
<td>Constant calculations:</td>
<td>3+4=7</td>
</tr>
<tr>
<td>1/2×=0.5</td>
<td>80/18=4.44</td>
</tr>
<tr>
<td>(4 is constant)</td>
<td>8÷4=2</td>
</tr>
<tr>
<td>0÷=0</td>
<td>8÷4=2</td>
</tr>
<tr>
<td>Memory calculations:</td>
<td>12×45=540</td>
</tr>
<tr>
<td>50×3=150</td>
<td></td>
</tr>
<tr>
<td>9-4=5</td>
<td>8÷4=2</td>
</tr>
</tbody>
</table>

After a second.
Telephone memory operation

10 sets of 4 letters and 12 numerals can be memorized. This data can be utilized as a telephone directory or memo. Press 8 or 9 to move the memory contents. Keep pressed to move quickly.

(Memorizing telephone numbers)
1) Press B in the telephone memory mode to set new numerals and letters.
2) Press 8 or 9 to select a memory number. Keep pressed to move quickly.
3) Press 0 to reset.
4) A numeral can be entered in the flashing position by pressing the required numeral key. Hyphens can be set by pressing 8.
5) In the upper left positions for letters can be set by pressing 9 or 8. The flashing position can be shifted by pressing 8.
6) Press B to complete setting.

Setting time and calendar

1) In the regular timekeeping mode, first press B to set.
2) Press the 0 key on a time signal to correct seconds.
3) The flashing position can be shifted by pressing 8 in the following order:
   - SECOND
   - AM/PM
   - 10-HOUR
   - HOUR
   - 10-MINUTE
   - MINUTE

AM (A) or PM (P) can be entered by pressing the 8 button.
4) A numeral can be entered in the flashing position by pressing the required numeral key.
5) Press B to complete setting.

How to use the world-timekeeper

In this world-timekeeping mode, the watch shows 24 major time zones with capital city codes. To shift local times, press 8 or 9. Keep pressed to move quickly. To change between standard time and daylight-saving time, press the 8 button. The 8 mark indicates that daylight-saving time is shown.

Setting world time:
If any one of the 24 major times is set, all other mean times can be automatically set according to the time differences.
1) Press 8 or 9 to select the desired local time.
2) Press 8 or 9 to set new local time.
3) Press 8 to set PM (P) or AM (A).*
4) A numeral can be set in the flashing position by pressing the required numeral key.
The flashing position can be shifted in the following order:

   10-HOUR → HOUR → 10-MINUTE → MINUTE

Seconds are synchronized with regular timekeeping.
5) Press B to complete setting.

When the watch is in the 24-hour system, the alarm time is displayed in that system.

World time zones

<table>
<thead>
<tr>
<th>GMT CITY CODE</th>
<th>CITY</th>
<th>OTHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>+80 ION</td>
<td>London</td>
<td>Dublin, Lisbon, Bradford</td>
</tr>
<tr>
<td>+81 PAR</td>
<td>Paris</td>
<td>Rome, Madrid, Moscow, Lima</td>
</tr>
<tr>
<td>+82 CAE</td>
<td>Cairo</td>
<td>Athens, Belgrade, Cape Town</td>
</tr>
<tr>
<td>+83 MOR</td>
<td>Moscow</td>
<td>Kuwait, Baghdad, Nairobi</td>
</tr>
<tr>
<td>+84 DXB</td>
<td>Dubai</td>
<td>Abu Dhabi</td>
</tr>
<tr>
<td>+85 KHI</td>
<td>Karachi</td>
<td></td>
</tr>
<tr>
<td>+86 DUC</td>
<td>Dusseldorf</td>
<td>Luxembourg</td>
</tr>
<tr>
<td>+87 BKK</td>
<td>Bangkok</td>
<td>Jakarta</td>
</tr>
<tr>
<td>+88 HKB</td>
<td>Hong Kong</td>
<td>Peking, Taipei, Manila</td>
</tr>
<tr>
<td>+99 TYO</td>
<td>Tokyo</td>
<td>Seoul, Pyongyang</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GMT CITY CODE</th>
<th>CITY</th>
<th>OTHERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>+10 SYD</td>
<td>Sydney</td>
<td>Guam, Vladivostok</td>
</tr>
<tr>
<td>+11 NOU</td>
<td>Noumea</td>
<td></td>
</tr>
<tr>
<td>+12 WLG</td>
<td>Wellington</td>
<td>Auckland</td>
</tr>
<tr>
<td>+13 HNL</td>
<td>Honolulu</td>
<td>Anchorage</td>
</tr>
<tr>
<td>+14 LAX</td>
<td>Los Angeles</td>
<td>San Francisco, Seattle, Las Vegas</td>
</tr>
<tr>
<td>+15 DFN</td>
<td>Denver</td>
<td>El Paso</td>
</tr>
<tr>
<td>+16 CHI</td>
<td>Chicago</td>
<td>Mexico City, Houston</td>
</tr>
<tr>
<td>+17 WSH</td>
<td>Washington, Boston, Montreal</td>
<td></td>
</tr>
<tr>
<td>+18 NTC</td>
<td>New York</td>
<td></td>
</tr>
<tr>
<td>+19 CCA</td>
<td>Caracas</td>
<td>Santiago</td>
</tr>
<tr>
<td>+20 BQG</td>
<td>Rio de Janeiro</td>
<td>Sao Paulo, Buenos Aires</td>
</tr>
</tbody>
</table>

Setting alarm times

Three daily alarms can be set independently.

Press 9.

Press 8 or 9 in alarm mode to select an alarm number (1, 2 or 3).
2) Press B to set new alarm time.
3) Press 8 to set PM (P) or AM (A).*
4) A numeral can be entered in the flashing position by pressing the required numeral key.
The flashing digit can be shifted in the following order:

   10-HOUR → HOUR → 10-MINUTE → MINUTE

5) Press B to complete setting.

When the watch is in the 24-hour system, the alarm time is displayed in that system.

Stopwatch operation

A tone confirms start/stop operation. The tone sounds at 30-minute intervals. If the 8 button is pressed while the stopwatch is working, the display is reset to zero.

(Working range) the stopwatch display is limited to 23 hours 59 minutes 59.99 seconds. Therefore it can be reset and started again.

(a) Reset measurement

(b) Lap time measurement

(c) 1st-2nd place times

Press 8 or 9 to set.

The second runner finishes.

Record the time of the first runner.

Press B to reset.

Record the time of the second runner.

Press B to reset.

Press B to reset.

Press B to reset.
Care of your watch

- Battery life: 15-month battery life starts when battery is factory installed. At first sign of power fade (no light or dim display), renew battery at sales store or Casio distributor.
- As this watch contains precise electronic components, it is suggested that the back cover be removed only by authorized personnel.
- Your watch is ranked A through D according to the water resistance chart below. Check the ranking of your watch to determine proper use.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Case designation</th>
<th>A**</th>
<th>B</th>
<th>C++</th>
<th>D***</th>
<th>E****</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>A**</td>
<td></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>B</td>
<td>WATER RESISTANT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>C++</td>
<td>50M WATER RESISTANT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>D***</td>
<td>100M WATER RESISTANT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>E****</td>
<td>200M WATER RESISTANT</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

- The watch is sweat-resistant but not water-resistant. So be careful not to get it wet. The pendant type does not meet sweat-resistant levels.

Avoid exposing the watch to strong chemicals such as gasoline, cleaning solvent, aerosol spray, adhesive agent, paint, etc. whose chemical action will destroy the seals, case and finish.

Specifications

- Accuracy at normal temperature: ±15 seconds per month.
- Display capacity:
  - Timekeeping mode:
    - Hours, minutes, seconds, am, pm, month, day and date, year
    - Calendar system: Auto-calendar pre-programmed until the year 2099
  - Telephone memory mode:
    - 10 sets of 4 letters and 12 numerals can be memorized.
  - World time mode:
    - Displays 28 major time zones with capital city code.
    - The summertime can be adjusted at one-touch.
  - Daily alarm mode
    - Three alarm times can be set independently.
  - Hourly time signals

Warranty Certificate

THIS WARRANTY CERTIFICATE IS VALID ONLY FOR SERVICE IN THE COUNTRY OF PURCHASE.

Should this watch malfunction under normal use, it will be repaired without charge for a period of one year from the date of purchase. If the watch requires service within the warranty period, request repair or adjustment at the store where purchased or the authorized Casio watch distributor, presenting the watch together with this warranty certificate. The customer shall not have any claim under this warranty for repair or adjustment expenses if:

1. The trouble is caused by improper, rough or careless treatment.
2. The trouble is caused by a fire or other natural calamity.
3. The trouble is caused by improper repair or adjustment made by anyone other than the authorized Casio watch distributor or its retailer.
4. The case, band, glass or battery is damaged or worn.
5. This warranty certificate is not presented when requesting service.
6. The name and address of the authorized distributor or the retailer are not stamped in the warranty certificate.
7. The date of purchase, model name and manufacturing number are not entered in the warranty certificate.

* The above warranty applies to regions other than the United States of America.

United Kingdom — This undertaking is in addition to consumers statutory rights and does not affect those rights in any way.

- Stopwatch mode
  - Capacity: 23 hours 59 minutes 59.99 seconds
  - Unit: 1/100th of a second
  - Display: 5 digits (7 digits for negative)
  - Summary: Ten basic calculations, chain & mixed operations, constants for
  - Display: First 2 digits in the memory.
  - Overlap check: Indicated by the "S" sign, locking the calculator.
  - Battery: One lithium battery (Type: BR-2020)
  - Approx. 15 months operation on type BR-2020 (under following conditions: light—1 second/day, buzzer—20 seconds/day, calculation—10 minutes/day)

NOTE: THERE IS NO WAY unit components can be damaged or malfunction, due to misuse of operation of buttons. If confusing information appears on the display it means entry sequence was incorrect. Please read the manual and try again.

- 50M WATER RESISTANT casing model does not permit underwater button operation.
- 100M WATER RESISTANT casing model permits underwater button operation (except where buttons are countersunk).
- Should the watch be exposed to sea water, wash it well with fresh water and wipe dry.
- 200M WATER RESISTANT casing model withstands scuba diving use (except diving using helium-oxygen gas).

A watchproof rubber seal is used to exclude water and dust. As rubber deteriorates after long usage, the seal should be replaced periodically (every 2—3 years).

Avoid exposing it to extremely high and low temperatures. Although the watch is designed to withstand shocks under normal use, it is insurable to subject it to hard knocks—rough usage or drops onto hard surfaces.

Avoid fastening the band too tightly. You should be able to insert your finger inside the band.

Clean the watch and bracelet with a soft cloth, dry or moistened with mild soap. To avoid surface damage, never use volatile chemicals (such as benzine, thinners, spray cleaners, etc.).

Gold plated surfaces can be kept in good condition by regular wiping with a soft, damp cloth. Discoloration can be removed with detergent. Always keep unused watches in a dry place.