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You can read the recommendations in the user guide, the technical guide or the installation guide for CASIO 2790. You'll find the answers to all your questions on the CASIO 2790 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual CASIO 2790
User guide CASIO 2790
Operating instructions CASIO 2790
Instructions for use CASIO 2790
Instruction manual CASIO 2790

Operation Guide 2790 CASIO

Getting Acquainted

Consult the user guide and recommendations for CASIO watches. To get the most out of your purchase, be sure to carefully read the manual and keep it for future reference.

Open the watch to bright light to charge the battery before using it.
 • Press the **Light** button to turn the watch on.
 • Be sure to read "Battery" for important information you need to know when replacing the watch's battery.

If the digital display of the watch is blank.

When the watch is powered on, the digital display (LCD) is on the right side of the watch face. If the display is blank, it is because the watch's power-saving function has kicked in. The watch's power-saving function is designed to conserve power. The watch's power-saving function is designed to conserve power. The watch's power-saving function is designed to conserve power.

About This Manual

This manual contains information about the watch's features and functions. It is designed to help you get the most out of your watch. It is designed to help you get the most out of your watch.

General Guide

• Press **Light** to charge the watch's battery.
 • Press **Light** to turn the watch on.

Timekeeping

The watch features both digital and analog timekeeping. Change the digital time with the watch's digital timekeeping function. Press **Light** to turn the watch on. Press **Light** to turn the watch on. Press **Light** to turn the watch on.

Digital Time and Date

Use the Timekeeping Mode to set and view a digital display of the current time and date. When setting the digital time, you can also set the time zone and day.

Timekeeping Modes

Normal Mode → Alarm Mode → Stopwatch Mode → Dual Time Mode → Hand Setting Mode

Timekeeping Modes

Mode	Function	Setting
Normal	Timekeeping	12:00
Alarm	Alarm	12:00
Stopwatch	Stopwatch	00:00
Dual Time	Dual Time	12:00
Hand Setting	Hand Setting	12:00



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Manual abstract:

If the digital display of the watch is blank... If the Power Saving on indicator (PS) is on the display (either flashing or not flashing), it means that the display is blank because the watch's Power Saving function has turned off the display to conserve power. Power Saving automatically turns off the display and enters a sleep state whenever your watch is left for a certain period where it is dark. If the watch is kept in the dark for a longer period, the analog hands will also stop moving after a few days. · The initial factory default setting is Power Saving on. · The watch recovers from the sleep state if you move it to a well-lit area, if you press any button, or if you angle the watch towards your face for reading. · See "Power Saving Function" for more information. About This Manual ·

Button operations are indicated using the letters shown in the illustration.

· For the sake of simplicity, the sample displays in this manual do not show the analog hands of the watch. · 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. General Guide ·

Press B to change from mode to mode. · In any mode, press L to illuminate the display.

Timekeeping Mode Alarm Mode Stopwatch Mode Dual Time Mode Hand Setting Mode Press . Timekeeping This watch features both digital and analog timekeeping. Changing the digital time setting causes the analog setting to be adjusted automatically to match the digital time. · Whenever you need to adjust both the digital and the analog time settings, make sure you adjust the digital setting first. · In the Timekeeping Mode, press A to toggle the display between the date screen and the time screen.

Date Screen Minute hand Hour : Minutes Hour hand Month Day PM indicator Day of week Seconds Seconds 3. When the setting you want to change is flashing, use C and L to change it as described below. Screen 36 P10:08 Time Screen 2003 6-30 To do this: Reset the seconds to 00 Toggle illumination duration between three seconds (3" displayed) and one second (3" not displayed) Change the hour or minutes Change the year Change the month or day Do this: Press C. Press L. Press C (+). Press . Digital Time and Date Use the Timekeeping Mode to set and view a digital display of the current time and date. When setting the digital time, you can also specify the illumination duration. 4. Press A to exit the setting screen.

· When you use the above procedure to set the digital display time, the hands of the analog timepiece normally adjust according to your setting. · For more information about illumination duration, see "Display Illumination". · Resetting 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 day of the week is automatically displayed in accordance with the date (year, month, and day) settings. · 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. To set the digital time and date 1. @@ · The hour hand and minute hand of the watch do not move while the setting screen is on the display.

2. Press B to move the flashing in the sequence shown below to select the other settings. Seconds/Illumination duration Day Month Hour Year Minutes To toggle between 12-hour and 24-hour timekeeping In the Timekeeping Mode, press C to toggle between 12-hour timekeeping (indicated by A or P on the display), or 24-hour timekeeping. · With the 12-hour format, the P (PM) indicator appears on the display for times in the range of noon to 11:59 p.m. and the A (AM) indicator appears 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 applied in all modes. 1 Operation Guide 2790

Stopwatch Analog Timekeeping The analog time of this watch is synchronized with the digital time.

The analog time setting is adjusted automatically whenever you change the digital time. Note · After you manually change the digital time setting, the hands of the analog timepiece move clockwise to adjust to the new setting. If the analog time does not match the digital time for any reason, use the procedure described under "To adjust the analog time" to match the analog setting to the digital setting. · Alarms, the Hourly Time Signal, and the display illumination are all disabled while the analog hands are moving. · Whenever you need to manually adjust both the digital and the analog time settings, make sure you adjust the digital setting first. · Depending on how much the hands have to move in order to adjust to the digital time, it may take some time before the analog hands stop moving. Minutes Seconds 1/100 second Mode indicator The stopwatch lets you measure elapsed time. · The display range of the stopwatch is 59 minutes, 59.99 seconds. · The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.

· The stopwatch measurement operation continues even if you exit the Stopwatch Mode. · All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing B. To measure times with the stopwatch Elapsed time Start Stop Re-start Stop Clear To adjust the analog time 1. In the Timekeeping Mode, press B four times to enter the Hand Setting Mode. 2. Hold down A until the current digital time starts to flash, which indicates the analog setting screen. · Note that you will not be able to change to the setting screen if the analog hands are moving because the watch is automatically adjusting the analog time to match the digital time. If this happens, wait until the hands stop moving. · The hour hand and minute hand of the watch do not move while the setting screen is on the display. 3.

Press C to advance the analog time setting by 20 seconds. · Holding down C advances the analog time setting at high speed. · If you need to advance the analog time a long way, press C and L at the same time. This locks the high speed hand movement, so you can release the two buttons. High-speed hand movement continues until you press any button.

It will also stop automatically after the time advances 12 hours or if an alarm (daily alarm or Hourly Time Signal) starts to sound. 4. Press A to exit the setting screen.



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@@@Press B to enter the Dual Time Mode. 2.

@@@3. Press B to move the flashing between the hour and minutes settings. 4. Press C to increase the setting. 5. @@@@1. @@. This operation automatically turns on the alarm. 2. Press B to move the flashing between the hour and minutes. 3.

While a setting is flashing, use C to increase it. · With the 12-hour format, set the time correctly as a.m. (A indicator) or p.m. (P indicator). 4.

@@@@@To specify the illumination duration 1. @@2. @@3.

Press A to exit the setting screen. @@@@Illumination does not turn on under bright light. @@@. The alarm on () indicator and Hourly Time Signal on () indicator are displayed in all modes. Parallel to ground More than 40° To test the alarm In the Alarm Mode, hold down C to sound the alarm. Warning!

· Always make sure you are in a safe place whenever you are reading the watch using the auto light switch.

Be especially careful when running or engaged in any other activity that can result in accident or injury. Also take care that sudden illumination by the auto light switch does not surprise or distract others around you. · When you are wearing the watch, make sure that its auto light switch is turned off before riding on a bicycle or operating a motorcycle or any other motor vehicle. Sudden and unintended operation of the auto light switch can create a distraction, which can result in a traffic accident and serious personal injury. To turn the auto light switch on and off In the Timekeeping Mode, hold down L for about two seconds to toggle the auto light switch. The watch automatically puts the watch into a sleep state whenever it is left in an area where it is dark while the Timekeeping Mode or Dual Time Mode is selected.

· The watch does not enter the sleep state while the Stopwatch Mode is selected. · The watch does not enter the sleep state while the Alarm Mode or Hand Setting Mode is selected. However, if you leave the watch in either of these modes, it will automatically revert to the Timekeeping Mode after a preset amount of time. After that it will be able to enter the sleep state. · The table below shows how watch functions are affected by the Power Saving function. Elapsed Time in Dark About one hour Display Blank, with PS flashing Operation · Display is off. · All functions and analog timekeeping are enabled. · Timekeeping is maintained. · Display is off. · Beeper is disabled.

· Analog timekeeping is disabled, with hands positioned at 12 o'clock. · Digital timekeeping is maintained. 3 (Charge Soon Alert) 4 · If the MID indicator starts to flash a few minutes after the display is illuminated or after the beeper sounds, it means that the battery level is about to go from Level 2 to Level 3. If this happens, avoid using display illumination and the beeper, and expose the watch to bright light to charge its battery. · The flashing LO C indicator at Level 3 tells you that battery power is very low, and that exposure to bright light for charging is required as soon as possible. · At Level 4, all functions are disabled and settings return to their initial factory defaults. Functions are enabled once again after the rechargeable battery is charged, but you need to set the digital time and date after the battery reaches Level 3 (indicated by flashing LO C indicator) from Level 4. You will not be able to set any of the other settings until the battery reaches Level 2 (no LO C indicator) after dropping to Level 4. When the battery returns to Level 2, the watch will automatically adjust the analog time setting to match the digital time. · Leaving the watch in direct sunlight or some other very strong light source can cause the battery power indicator to temporarily show a reading that is higher than the actual battery level.

The correct battery power indicator should appear after a few minutes. · If you use illumination or any of the alarm functions a number of times during a short period, the recover (R) indicator appears on the display and the following operations become disabled until battery power recovers. Illumination; Beeper tone Manual adjustment of the analog time in the Hand Setting Mode After some time, battery power will recover and the recover (R) indicator will disappear, indicating that the above functions are enabled again. Charging Precautions Certain charging conditions can cause the watch to become very hot. Avoid leaving the watch in the areas described below whenever charging its rechargeable battery.

Also note that allowing the watch to become very hot can cause its liquid crystal display to black out. The appearance of the LCD should become normal again when the watch returns to a lower temperature. Warning! Leaving the watch in bright light to charge its rechargeable battery can cause it to become quite hot. Take care when handling the watch to avoid burn injury. The watch can become particularly hot when exposed to the following conditions for long periods.

@@@@@. Move the watch to a well-lit area. · Press any button. · Angle the watch towards your face for reading. To turn Power Saving on and off In the Timekeeping Mode, hold down C for about two seconds to toggle Power Saving on (PS indicator displayed) and off (PS indicator not displayed). · Note that pressing C also toggles between 12-hour timekeeping and 24-hour timekeeping. · The Power Saving on indicator (PS) is on the display in all modes while the Power Saving is turned on. Auto return features · If you leave a screen with flashing digits for two or three minutes without performing any operation, the watch automatically saves anything you have input up to that point and exits the setting screen. · The watch automatically returns to the Timekeeping Mode if you do not perform any button operation for two or three minutes in the Alarm or Hand Setting Mode. Scrolling The C button is used to scroll through setting screen data on the display. Holding down this button during a scroll operation scrolls through the data at high speed.

Illumination Precautions · The illumination provided by the light may be hard to see when viewed under direct sunlight. · Illumination automatically turns off whenever an alarm sounds. · Frequent use of the light shortens the battery operating time. · Note that illumination is disabled while the analog hands are in motion to adjust in accordance with a change made to the digital time setting in the Timekeeping Mode. 3 Operation Guide 2790 Auto light switch precautions · The auto light switch is automatically turned off whenever battery power is at Level 3. More than 15 degrees · Avoid wearing the watch on the inside of your wrist. too high Doing so causes the auto light switch to operate when it is not needed, which shortens battery operating time. If you want to wear the watch on the inside of your wrist, turn off the auto light switch feature.



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· Illumination may not turn on if the face of the watch is more than 15 degrees above or below parallel. Make sure that the back of your hand is parallel to the ground.

· Illumination turns off in about one second or three seconds, even if you keep the watch pointed towards your face. · Static electricity or magnetic force can interfere with proper operation of the auto light switch. If illumination does not turn on, try moving the watch back to the starting position (parallel with the ground) and then tilt it back towards you again. If this does not work, drop your arm all the way down so it hangs at your side, and then bring it back up again. · Under certain conditions, illumination may not turn on until about one second after you turn the face of the watch towards you. This does not necessarily indicate malfunction of the auto light switch. · You may notice a very faint clicking sound coming from the watch when it is shaken back and forth. This sound is caused by mechanical operation of the auto light switch, and does not indicate a problem with the watch. 4 .



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