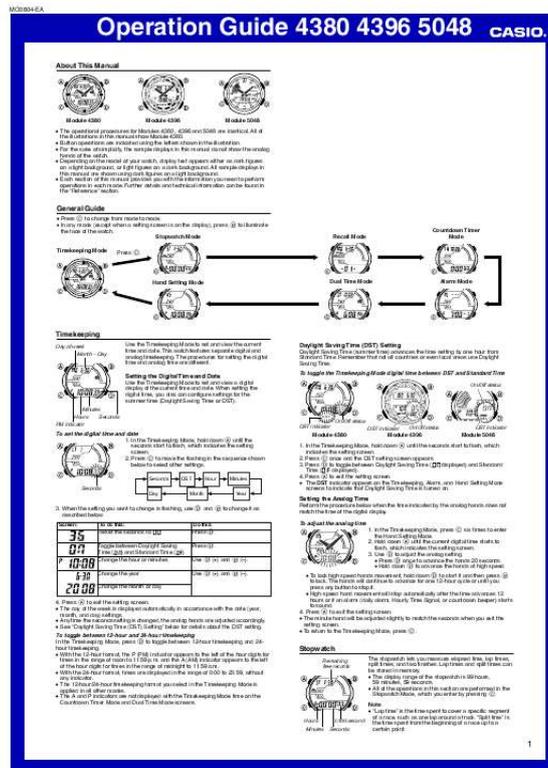




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You can read the recommendations in the user guide, the technical guide or the installation guide for CASIO 4396. You'll find the answers to all your questions on the CASIO 4396 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual CASIO 4396
User guide CASIO 4396
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Manual abstract:

@@@All sample displays in this manual are shown using dark figures on a light background. · 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 C to change from mode to mode. · In any mode (except when a setting screen is on the display), press B to illuminate the face of the watch. Stopwatch Mode Timekeeping Mode Press C. Countdown Timer Mode Recall Mode L L L Hand Setting Mode Dual Time Mode Alarm Mode L L L Timekeeping Day of week Month Day Use the Timekeeping Mode to set and view the current time and date. This watch features separate digital and analog timekeeping. The procedures for setting the digital time and analog time are different. 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. Setting the 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 also can configure settings for the summer time (Daylight Saving Time or DST).

Minutes Seconds Hours PM indicator To toggle the Timekeeping Mode digital time between DST and Standard Time On/Off status IIIIII IIII IIIII IIIII DST indicator On/Off status DST indicator To set the digital time and date 1. In the Timekeeping Mode, hold down A until the seconds start to flash, which indicates the setting screen.

2. Press C to move the flashing in the sequence shown below to select other settings. Seconds Module 4380 Module 4396 Module 5048 DST Month Hour Minutes Year Seconds Day 1. In the Timekeeping Mode, hold down A until the seconds start to flash, which indicates the setting screen. 2. Press C once and the DST setting screen appears. 3. Press D to toggle between Daylight Saving Time (ON displayed) and Standard Time (OF displayed). 4. Press A to exit the setting screen. · The DST indicator appears on the Timekeeping, Alarm, and Hand Setting Mode screens to indicate that Daylight Saving Time is turned on. Setting the Analog Time 3. When the setting you want to change is flashing, use D and B to change it as described below. Screen: To do this: Do this: Perform the procedure below when the time indicated by the analog hands does not match the time of the digital display. To adjust the analog time 1.

In the Timekeeping Mode, press C six times to enter the Hand Setting Mode. 2. Hold down A until the current digital time starts to flash, which indicates the setting screen. 3. Use D to adjust the analog setting. · Press D once to advance the hands 20 seconds. · Hold down D to advance the hands at high speed. · To lock high speed hands movement, hold down D to start it and then press B to lock. The hands will continue to advance for one 12-hour cycle or until you press any button to stop it. · High-speed hand movement will stop automatically after the time advances 12 hours or if an alarm (daily alarm, Hourly Time Signal, or countdown beeper) starts to sound.

4. Press A to exit the setting screen. · The minute hand will be adjusted slightly to match the seconds when you exit the setting screen. · To return to the Timekeeping Mode, press C. Reset the seconds to 00 Toggle between Daylight Saving Time (ON) and Standard Time (OF) Change the hour or minutes Change the year Change the month or day Press D.

Press D. Use D (+) and B (-). Use D (+) and B (-). 4. Press A to exit the setting screen.

· The day of the week is displayed automatically in accordance with the date (year, month, and day) settings. · Any time the seconds setting is changed, the analog hands are adjusted accordingly. · See "Daylight Saving Time (DST) Setting" below for details about the DST setting. To toggle between 12-hour and 24-hour timekeeping In the Timekeeping Mode, press D to toggle between 12-hour timekeeping and 24hour timekeeping. · With the 12-hour format, the P (PM) indicator appears to the left of the hour digits for times in the range of noon to 11:59 p.m. and the A (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 applied in all other modes.

· The A and P indicators are not displayed with the Timekeeping Mode time on the Countdown Timer Mode and Dual Time Mode screens. Stopwatch Remaining free records The stopwatch lets you measure elapsed time, lap times, split times, and two finishes. Lap times and split times can be stored in memory. · The display range of the stopwatch is 99 hours, 59 minutes, 59 seconds. · All of the operations in this section are performed in the Stopwatch Mode, which you enter by pressing C. Hours Minutes Note · "Lap time" is the time spent to cover a specific segment of a race, such as one lap around a track. "Split time" is 1/100 second the time spent from the beginning of a race up to a Seconds certain point. III L I IIII II IIII III I I Operation Guide 4380 4396 5048 · 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. · For information about how stopwatch times are stored in memory, see "Memory Management".

Viewing the Stopwatch Digital Displays The information that appears in the watch's upper and lower digital displays depends on whether you are measuring lap times or split times. Lap Time Measurement Upper Display: Lap time Lower Display: Elapsed time Split Time Measurement Upper Display: Lap time Lower Display: Elapsed time (Split time appears here for eight seconds as it is stored in memory.) · See "To measure elapsed time with lap times" and "To measure elapsed time with split times" for more information about each type of measurement. · You can perform elapsed time measurement starting from either the lap time screen or the split time screen. Whenever you enter the Stopwatch Mode, the screen (lap time or split time) that was displayed when you last exited the mode will appear first.

· During a stopwatch elapsed time operation, the upper display initially shows minutes, seconds, and a 1/100-second value. This changes to hours, minutes, and seconds when the time in the upper display exceeds 60 minutes. · The lower display initially shows hours, minutes, seconds, and a 1/100-second value.



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This changes to hours, minutes, and seconds when the time in the lower display exceeds 10 hours. Seconds Minutes 1/100 second More than one hour To time first and second place finishes 1.

When the stopwatch display shows all zeros, press A to display the split time screen (indicated by /SPL). 2. Press D to start a time measurement. 3. Press A when the first finisher crosses the finish line. · This freezes the time of the first finisher in the lower part of the digital display for about eight seconds. After that, the display returns to elapsed time measurement. 4. Press D when the second finisher crosses the finish line. · The second finisher's time will appear in the lower display.

· The difference between the first finisher's and the second finisher's time will appear in the upper display. 5. Press A to clear the stopwatch to all zeros. Memory Management A new log is created each time you press D in the Stopwatch Mode to start a new elapsed time measurement operation. A log contains a log title screen, and records of all the lap or split times you record during the current elapsed time measurement operation. · The capacity of the watch's memory is 60 records. · If you are adding records to the only log in memory and watch memory becomes full, adding another record causes the oldest record in the log to be deleted automatically to make room for the new record. · If you are adding records to a log when there are multiple logs in memory and watch memory becomes full, adding another record causes the oldest log in memory and all of its records to be deleted automatically to make room for new records.

How stopwatch data is stored The following table shows how stopwatch data is stored when you perform stopwatch button operations. Stopwatch Button Operation From all-zeros, press D to start.

Press A to display lap/split time. Data Storage Description Creates a new log. Stores the date the button was pressed, and the new log number. Creates a new record with each button operation. Stores the lap and split times and total elapsed time at each point the button is pressed.

Minutes Hours Seconds L Minutes Hours Seconds Minutes 1/100 second Hours Seconds More than 10 hours To measure elapsed time Note · You can perform the following steps starting from either the lap time screen or the split time screen. 1. Press D to start the stopwatch. 2. Press D again to stop the stopwatch. · You can resume the measurement operation by pressing D. 3. Press A to clear the stopwatch to all zeros. To measure elapsed time with lap times 1. When the stopwatch display shows all zeros, press A to display the lap time screen (indicated by /LAP). 2. Press D to start an elapsed time measurement. @ @3. Press A to record the time of the first lap. @ @ @ @ @ @4.

Repeat step 3 to record more lap times. 5. Press D to stop the stopwatch. Elapsed time 6. Press A to clear the stopwatch to all zeros. @ @The maximum lap number is 99. @ @elapsed time measurement and then press A to reset. @ @You can use the Recall Mode to view both lap and split time records. @ @If there are no logs in memory, xxxx appears on the display. @ @ @ @ @ @ @ @. If all zeros are not displayed, reset the stopwatch. 2. @ @ @ @3. Press the C button to enter the Recall Mode. 4. @ @5.

Press D displaying the Timekeeping Mode setting screen Displaying the Alarm1 setting screen To use the countdown timer Press D while in the Countdown Timer Mode to start the countdown timer. @ @ @ @ @ @The alarm sounds when the countdown reaches zero. @ @ @ @Press D again to resume the countdown. @ @This returns the countdown time to its starting value. To configure countdown start time and auto-repeat settings 1. @ @ · If the countdown start time is not displayed, use the procedure under "To use the countdown timer" to display it. 2. Press C to move the flashing in the sequence shown Auto-repeat below, and select the setting you want to change. on indicator On/Off status Start Time (Hours) Start Time (Minutes) Auto-Repeat On/Off To test the alarm In the Alarm Mode, hold down D to sound the alarm. To select the operation of Alarm1 1. In the Alarm Mode, use D to select Alarm1. 2. Press A to cycle through the available settings in the sequence shown below. Module 4380 Module 4396 Module 5048 One-time alarm on Module 4380 Module 4396 Module 5048 Snooze alarm on Alarm off 3. Perform the following operations, depending on which setting currently is selected on the display.

· While the start time setting is flashing, use D (+) and B () to change it. · Set 0:00 to specify 24 hours. · While the auto-repeat on/off setting (0N or 0F) is flashing on the display, press D to toggle auto-repeat on (0N) and off (0F). 4. Press A to exit the setting screen. · The auto-repeat on indicator () is displayed on the Countdown Timer Mode screen while this function is turned on. · Frequent use of auto-repeat and the alarm can run down battery power. · The applicable alarm on indicator is displayed in all modes when an alarm is turned on. · The snooze indicator flashes during the 5-minute intervals between alarms. · Displaying the Alarm1 setting screen while the snooze alarm is turned on turns off the snooze alarm automatically (making Alarm1 a one-time alarm).

To turn Alarms 2 and 3 on and off Alarm on indicator Alarm on indicator Alarms Alarm date (Month Day) Module 4380 You can set up to three independent multi-function alarms with hour, minutes, month, and day. When an alarm is turned on, the alarm tone sounds when the alarm time is reached. One of the alarms can be configured as a snooze alarm or a one-time alarm, while the other two are one-time alarms. You also can turn on an Hourly Time Signal that causes the watch to beep twice every hour on the hour. · There are three alarm screens numbered 1 through 3.

The hourly time signal screen is indicated by :00. · All of the operations in this section are performed in the Alarm Mode, which you enter by pressing C. Module 4396 Module 5048 1. In the Alarm Mode, use D to select a one-time alarm (alarm number 2 or 3). 2.

Press A to toggle the displayed alarm on and off. · Turning on a one-time alarm (2 or 3) displays the alarm on indicator on its screen. · The alarm on indicator is displayed in all modes. · If any alarm is on, the alarm on indicator is shown on the display in all modes. To turn the hourly time signal on and off Alarm number Alarm time (Hour : Minutes) 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.



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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. Hourly time signal on indicator Hourly time signal on indicator Hourly time signal on indicator Module 4380 Module 4396 Module 5048 1. In the Alarm Mode, use D to select the Hourly Time Signal. 2. Press A to toggle the displayed item on and off. · Turning on the Hourly Time Signal displays the hourly time signal on indicator on its screen. · The hourly time signal on indicator is displayed in all modes. Dual Time Timekeeping Mode 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. · The seconds count of the Dual Time is synchronized with the seconds count of the Timekeeping Mode. To set an alarm time 1. In the Alarm Mode, use D to scroll through the alarm screens until the one whose time you want to set is displayed. x1 x2 x3 :00 Dual time (Hour : Minutes Seconds) To set the Dual Time 1. Press C to enter the Dual Time Mode. 2. In the Dual Time Mode, hold down A until the DST setting starts to flash, which indicates the setting screen. 3. Press C to move the flashing in the sequence shown below to select the other settings. DST Hour Minutes · You can configure Alarm 1 as a snooze alarm or a one-time alarm. Alarms 2 and 3 can be used as one-time alarms only. · The snooze alarm repeats every five minutes. 2. @@This indicates the setting screen. · This operation turns on the alarm automatically. 3. @@@@Use D (+) and B (). 5. Press A to exit the setting screen.

@@ · See "Illumination Precautions" for other important information about using illumination. To illuminate the face of the watch In any mode (except when a setting screen is on the display), press B to illuminate the face of the watch. · You can use the procedure below to select either 1.5 seconds or 3 seconds as the illumination duration. When you press B, 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 A until the seconds start to flash, which indicates the setting screen. 2. While the seconds are flashing, press B to toggle the illumination duration between 1.5 seconds () and 3 seconds (). 3. Press A to exit the setting screen. Reference This section contains more detailed and technical information about watch operation. It also contains important precautions and notes about the various features and functions of this watch.

Auto Return Feature · If you leave a screen with flashing digits on the display for two or three minutes without performing any operation, the watch saves any settings you have made up to that point and exits the setting screen automatically. · The watch will change to the Timekeeping Mode automatically if you do not perform any operation in the Recall Mode, Alarm Mode, or Hand Setting Mode for two or three minutes. Button Operation Tone Module 4380 Module 4396 Module 5048 The button operation tone sounds any time you press one of the watch's buttons. You can turn the button operation tone on or off as desired. · The multi-function alarms and Countdown Timer Mode alarm will sound even if the button operation tone is turned off.

To turn the button operation tone on and off In any mode (except when a setting screen is on the display), hold down C to toggle the button operation tone on (mute indicator not displayed) and off (mute indicator displayed). · Holding down C to turn the button operation tone on or off also causes the watch's current mode to change. · The mute indicator is displayed in all modes when the button operation tone is turned off. Scrolling The B and D 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 · 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 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 batteries replaced.

Illumination Precautions · The electro-luminescent panel that provides illumination loses power after very long use. · Illumination may be hard to see when viewed under direct sunlight. · The watch may emit an audible sound whenever the display is illuminated. This is due to vibration of the EL panel used for illumination, and does not indicate malfunction. · Illumination turns off automatically whenever an alarm sounds. · Frequent use of illumination runs down the batteries. 4.



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