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Everyone knows how popular solar watches are these days because theyre effective and cost-efficient. However, its also a known fact that theyre pretty hard to use it. And they arent the only ones! Seeing these, I decided to make a guide on how
to change time on Casio Tough Solar Illuminator to help everyone out. If you happen to own a Casio Tough Solar but dont know how to set the time, then this guide is for you. You can proceed below. Table of Contents What Youll Need Instructions Conclusion What Youll Need Instruction Solar Illuminator to help everyone out. If you happen to own a Casio Tough Solar but dont know how to set the time, then this guide is for you. You can proceed below. Table of Contents What Youll Need Instruction Solar but dont know how to set the time, then this guide is for you.
tools or other things in order to set the time on the Casio Tough Solar. Since most of them dont know how to use it, they usually think that some sort of special tools is needed. The beauty of this watch is that you dont need anything for it. You dont even need to change the batteries because you can charge it. For this guide, I suggest that you get your
 manual and familiarize yourself with the different buttons and modes. In order to change the time, youll need all of that information. Also, you might want to charge your watch right away the moment you notice that its losing battery power. The reason for this is because if ever your battery goes flat, then the configuration (including the time that you
have set) will be reset. Anyway, the only thing youll really need is the watch itself and the manual. With that out of the way, we can go on to the steps which you can find below. Step Instructions the manual. With that out of the way, we can go on to the steps which you can find below. There is the stopwatch, world time, alarm, receive, date recall,
countdown, and timekeeping. These are the important ones that you need to take note of. The mode button can be found on the lower left button. This button. This button. The Timekeeping mode has three more sub-modes. These arent that
important for this guide but well mention them anyway. These three sub-modes are The altimeter, the barometer, and the digital compass. Step 2: Go to the Timekeeping Mode is to set the time. So the first thing that you should do is to hold the lower-left corner button until you reach your Timekeeping mode
Youll know if its in this mode if it shows the date, time, and day. Step 3: Choose Your Location and Timezone When you get into the Timekeeping mode, the next thing you do is press the top left corner button. Youll get to see a bunch of cities and timezones. You just need to keep on pressing the right corner button and choose the city or location thats
closest to you. This will give you your timezone. Once you do this, simply press the bottom left button. Upon doing this, the time will automatically match your city or timezones time. Step 4: Repeat the ProcessNow that you know the process of changing the time, you can do this anytime you need to. For instance, if you travel, youll need to repeat the
process and match your time with the citys time youre in. Also, we mentioned above that whenever your Casio Tough Solars battery will go bust, the configuration will be reset. So you need to align the time again so you can get the right one as per your city. ConclusionSo were you able to learn a lot? Did you enjoy reading the article? I believe that this
is a really useful article for those who own Casio Tough Solar watches because it breaks down the steps of changing the time into simple bite-sized pieces. That way, you wont have trouble following the instructions. If there are other things youd like to share or if youd like to give some feedback, leave a comment on the comments section below. Don't
forget to share it with your friends! I am Kathleen Miller, staff writer and reviewer of the Avasolar team. Working with the team has been a pleasure for me so far, I hope to bring readers useful information by creating detailed and easy-to-follow contents. 1 The measurement functions built into this watch are not intended for taking measurements that
The operational procedures for Modules 3173 and 3246 are identical. All of the illustrations in this Mote that the product illustrations in this manual are intended for reference only, and so the actual Is H or M displayed for the battery power indicator? Go to step 2. Power is low. Charge the watch by placing it in a location where it is exposed to light.
 For details, see Charging the Watch.NO YESYESDoes any one of the following conditions exist? Battery power indicator shows L and LOW is displayed in the upper left corner of the screen. The face is blank. The watch is charged sufficiently. For details about charging, see Charging the
 Watch.NEXTBattery power indicator Turn on the watch for long periods in an area where there is no light or wearing it in such a way that it is (Light)(Light)(Light)(Light)(Module 3173(Light)Module 3246(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Light)(Lig
3246Level Battery Power Indicator Function Status1(H)All functions enabled.2(M)All functions enabled.2(M)All functions and display indicator, all functions disabled.5 All functions disabled.4(C)Except for timekeeping and the C (charge) indicator, all functions are disabled and
settings return to their initial factory defaults. Once the battery MM). Leaving the watch exposed to direct sunlight or some other very strong light source can cause the All data stored in memory is deleted, and the current time and all other settings return to their initial Performing multiple sensor, illumination, or beeper operations during a short
period may cause all of H,MLH,M,LH,M,LH,M,LH,M,LExposure Level (Brightness)DailyOperation*1Level 5 Level 4 Level 6 Level 6 Level 6 Level 7 Level 6 Level 7 Level 8 Level 7 Level 8 Level 9 Lev
 lux)48 min. 9 hours 120 hours 32 hoursIndoor uorescent lighting (500 lux) 8 hours 95 hours The above exposure times all are for reference only. Actual exposure times depend on lighting For details about the operation 60 to 70 minutes
(display sleep) Blank, with PS ashing Display is off, but all functions are enabled. 6 or 7 days (function sleep) Blank, with PS not ashingAll functions are disabled, but timekeeping is maintained. The watch will not enter a sleep state while it is in the
Stopwatch Mode or Countdown Timer Mode. E Before the city code starts to ash, the message SET HoldEDAOnOFF). The Power Saving on indicatorPower sa
automatically if you do not perform any button operation If you leave a screen with ashing digits on the display for two or three minutes without performing any TheACEYearPMweekDayE Before the city code starts to ash, the message SET HoldEACA or CD4.UseAOFFOn.E The DST indicator appears to indicate that Daylight Saving Time is turned
on. Note After you specify a city code, the watch will use UTC* offsets in the World Time Mode to calculate E Before the city code starts to ash, the message SET HoldEDAOFFOn. E The DST indicator appears to indicate that Daylight Saving Time is PMCitycodeDayPMCitycodeDayDLA, BCModeModeModeModeModeModeModePage 33You can use the
procedure below to adjust the Timekeeping Mode, hold down E until the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date settings f they are off. To change the current time and date se
depressed until SET Holddisappears and the city code starts to ash.2. Use A and C to select the city code you want. Select your Home City code before changing any other setting. For full information on city codes, see the City Code Table.3. Press D to move the ashing in the sequence shown below to select the other
 settings. Thermometer/Barometer/Altitude unitPowerSavingIlluminationDurationButton Operation Tone On/OffDay MonthCity Code DST12/24-HourFormatSeconds Hour Minutes Year The following steps explain how to con gure timekeeping settings only.4. When the timekeeping setting you want to change is ashing, use A and/or C to change it as
described below. Screen To do this: Do this: Change the city code Use A (East) and C (West). Toggle between 12-hour (12H) and 24-hour (24H) timekeeping. Press A. 50 Reset the seconds to 00 Press A. Change the hour or minutes Use A (+) and C (). Change the year, month, or
day5. Press E twice to exit the setting screen. Note For information about selecting a Home City and con guring the DST setting, see Con guring Home City Settings. While 12-hour format is selected for timekeeping, a P (PM) indicator will appear for timekeeping, a P (PM) indicator will appear for timekeeping.
hour format, time is displayed from 0:00 to 23:59, without any P (PM) indicator. The watchs 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 watchs rechargeable battery replaced or after power drops to Level 5.In the
Digital Compass Mode, a built-in bearing sensor detects magnetic north at regular intervals and indicates one of 16 directions on the display. To take a digital compass Mode, Barometer/Thermometer Mode, and
Altimeter Mode.2. Place the watch on a at surface. If you are wearing the watch in the direction you want to measure. Fress C to start digital compass measurement. COMP will appear on the display to indicate that a digital compass
operation is in progress. See Digital Compass Readings for information about what appears to the displayed. If this happens, press E to exit the bearing memory screen is displayed. If this happens, press E to exit the bearing memory screen is displayed. If this happens, press E to exit the bearing memory screen is displayed. If this happens, press E to exit the bearing memory screen is displayed. If this happens, press E to exit the bearing memory screen is displayed. If this happens, press E to exit the bearing memory screen is displayed.
the Timekeeping Mode. Digital Compass Readings When you press C to start digital compass measurement, COMP will appear on the display initially to indicate that a digital compass measurement operation, letters on the display will indicate the direction that the 12 oclock
position of the watch is pointing. Four pointers that indicate magnetic north, south, east, and west also will appear. After the rst reading is obtained, the watch will continue to take digital compass readings automatically each second for up to 20 seconds. After that, measurement will stop automatically. The direction indicator and angle value will
 show - - - to indicate that digital compass readings are complete. The auto light switch is disabled during the 20 seconds that digital compass readings are being taken. The following table shows the meaning Direction Meaning Di
MeaningNNorthNNENorth-northeastESESouth-southwestNSWSouth-southwestSSSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwestNSWSouth-southwest
 watch is horizontal (in relation to the horizon). If the indicated direction is northwest (NW) and 315 degrees, for example, the actual direction can be anywhere from 304 to 326 degrees. PMindicatorCitycodeMonthDaySecondsHour:
MinutesNW0WNWWSWSWSSSESEESEEENENENNNW9018027012 oclock positionCurrenttimeNorthpointerDirectionindicatorAngle value (in degrees) Note that taking a
measurement while the watch is not horizontal (in relation to the horizon) can result in large measurement error. You can calibrate the bearing sensor if you suspect the direction reading is incorrect. Any ongoing direction measurement operation (daily alarm, Hourly Time Signal
countdown timer alarm) or while illumination is turned on (by pressing L). The measurement operation resumes for its remaining duration after the operation readings. Calibrating the Bearing SensorYou should calibrate the bearing
sensor whenever you feel that the direction readings being produced by the watch are off. There are three different calibration methods available: magnetic declination correction, bidirection methods available: magnetic declination correction methods available: magnetic declination methods available: magnetic declina
(difference between magnetic north and true north), which allows the watch to indicate true north. You can input the declination angle is indicated on the map you are using. Note that you can input the declination angle is indicated on the map. If your
map indicates the declination angle as 7.4, you should input 7. In the case of 7.6 input 8, for 7.5 you can input 7 or 8. Bidirectional calibration and Northerly Calibration 
readings within an area exposed to magnetic force. This type of calibration should be used if the watch becomes magnetized for any reason. With northerly calibration, you teach the watch which way is north (which you have to determine with another compass or some other means). Important! The more correctly you perform bidirectional calibration,
the better the accuracy of the bearing sensor readouts. You should perform bidirectional calibration whenever you change environments where you use the bearing sensor, and whenever you feel that the bearing sensor is producing incorrect readings. To perform magnetic declination correction 1. In the Digital Compass Mode, hold down E until the
current magnetic declination settings start to ash on the display. This is the setting screen. Before the magnetic declination settings start to ash, the message SET Hold will appear on the display. Keep E depressed until SET Hold disappears and the magnetic declination settings start to ash, the message SET Hold will appear on the display. This is the settings start to ash, the message SET Hold disappears and the magnetic declination settings start to ash.
following explains magnetic declination angle direction settings.OFF: No magnetic declination) You can select a value within the range of W 90 to E 90 with these
settings. You can turn off (OFF) magnetic declination correction by pressing A and C at the same time. The illustration, for example, shows the way you want, press E to exit the setting screen. Precautions
about bidirectional calibration You can use any two opposing directions for bidirectional calibration. You must, however, make sure that they are 180 degrees opposite each other. Remember that if you perform the procedure incorrectly, you will get wrong bearing sensor readings. Do not move the watch while calibration of either direction is in
progress. You should perform bidirectional calibration in an environment that is the same as that where you plan to be taking direction readings. If you plan to take direction readings in an open eld, for example, calibrate in an open eld. To perform bidirectional calibration 1. In the Digital Compass Mode, hold down E until the current magnetic
declination settings start to ash on the display. This is the setting screen. Before the magnetic declination settings start to ash, the message SET Hold will appear on the display. Keep E depressed until SET Hold disappears and the magnetic declination settings start to ash. 2. Press D to display the bidirectional calibration screen. At this time, the
north pointer ashes at the 12 oclock position and the display will show -1- to indicate that the watch is ready to calibrate the rst direction. - - - is shown on the display while calibration is being performed. When calibrate the the watch is successful, the
display will show OK and -2-, and the north pointer ashing at the 6 oclock position. This means that the watch is ready for calibration of the second direction. - - - is shown on the display will ealibration is being performed. When calibration is successful, the display will
show OK and then change to the Digital Compass Mode screen (- - -). To perform northerly calibration rst, and then perform both northerly calibration rst, and then perform both northerly calibration rst, and then perform both northerly calibration rst, and then perform some calibration rst, and then perform both northerly calibration rst, and then perform some calibration rst, and the perform rst, and the perform rst, and
setting.1. In the Digital Compass Mode, hold down E until the current magnetic declination settings start to ash on the display. Keep E depressed until SET Hold disappears and the magnetic declination settings start to
ash.2. Press D twice to display the northerly calibration screen. At this time, -N- (north) appears on the display while calibration is being performed.
When calibration is successful, the display will show OK and then change to the Digital Compass Mode (- - -). Magnetic declination angle direction value (E, W, or OFF) Magnetic declination angle value Magnetic declination angle direction value (E, W, or OFF) Magnetic declination angle value (E, W, or OFF) Magnetic de
Memory Bearing Memory lets you store a direction reading as you take subsequent digital compass measurements. The Bearing Memory screen displays that reading as you take direction angle for the stored direction, along with an indicator on the display that reading as you take a direction angle for the stored direction angle for the stored direction, along with an indicator on the displays that reading as you take a direction angle for the stored direction.
the Bearing Memory screen is on the display, the direction angle of the current digital compass measurement (as read from the 12 o'clock position of the watch) and the currently stored Bearing Memory 1. Press C to start a digital compass measurement
operation. If a bearing memory direction angle value is already displayed, it means that the bearing memory screen is displayed. If this happens, press E to clear the value currently in Bearing memory screen is displayed. If this happens, press E to clear the value currently in Bearing memory screen is displayed.
angle reading in Bearing Memory. The Bearing Memory direction angle ashes for about one second as it is stored in Bearing Memory screen (which shows the bearing Memory screen is displayed, you can
press C to start a new 20-second direction reading operation, which displays the direction angle for the direction that the 12 oclock position of the watch is pointed. The direction angle for the direction angle for the direction that the 12 oclock position of the watch is pointed. The direction angle for the directi
Memory screen or during the 20-second direction reading Memory screen is on the display, the direction stored in memory is indicated by a Bearing Memory pointer. Pressing E while the Bearing Memory screen is on the display, the direction reading Memory screen is displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction angle currently in Bearing Memory and start a 20-second direction reading Memory screen is on the displayed will clear the direction and the displayed will be also be a second direction and the displayed will be a second direction a
operation. This section provides three practical applications for using the watchs built-in digital compass. Setting a map and nding your current location having an idea of your current location is important when mountain climbing or hiking. To do this, you need to set the map, which means to align the map so the directions indicated on it are aligned
with the actual directions of your location. Basically what you are doing is aligning north on the map with north as indicated by the watch. Finding the direction and heading in that direction are direction and heading in the heading in that direction are direction and heading in that direction are direction and heading in the he
the face is horizontal.2. While in the Timekeeping Mode or in any of the sensor modes, press C to take a compass reading. The reading will appear on the display after about two seconds.3. Rotate the map without moving the watch is con gured to
indicate magnetic north, align the maps magnetic north with the watch indication. If the watch indication to correct to true north with the watch indication to correct to true north with the watch indication. For details, see Calibrating the Bearing Sensor. This will position the map in accordance with your current location. 4. Determine your
location as you check the geographic contours around you. To nd the bearing to an objective 1. Set the map so its northerly indication is aligned with north as indicated by the watch, and determine your current location. See To set a map and nd your current location for information about how to perform the above step. 2. Set the map so the direction
you want to travel on the map is pointed straight in front of you. 3. With the watch on your wrist, position it so the face is horizontal. 4. While in the Timekeeping Mode or in any of the sensor modes, press C to take a compass reading. The reading will appear on the display after about two seconds. 5. Still holding the map in front of you, turn your body
 with north as indicated by the watch, and determine your current location. See To set a map and nd your current location for information about how to perform the above step.2. As shown in the direction of objective, while keeping the
northerly direction indicated on the map aligned with north as indicated by the watch. If you nd it dif cult to perform the above step while keeping everything aligned, rst move into the correct position of the watch pointed at the objective) without worrying about the orientation of the map. Next, perform step 1 again to set the
 map.12 oclock positionBearing memory direction angleNorthpointerDirection and NorthpointerDirection and NorthpointerDirection and
 indicated by north pointerNNCurrentlocationNorth indicated on the mapNorth indicated by north pointerNNObjectiveCurrentlocation12 oclock positionNNObjectiveCurrentlocation12 oclock positionNNObjecti
 modes, press C to take a compass reading.4. While direction angle readings are in progress, press E to record the currently displayed direction in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction angle value and pointer stored in Bearing Memory will remain on the direction and the
 monitoring the Bearing Memory pointer to ensure that it remains in the 12 oclock position. To re-display the Bearing Memory direction angle value and Bearing Memory pointer are on the display will clear the Bearing Memory data you saved in step 3
 and save the current direction reading in Bearing Memory. Note When mountain climbing or hiking, conditions or geographic contours may make it impossible for you to advance in a straight line. If this happens, return to step 1 and save a new direction to the objective. Digital Compass Precautions This watch features a built-in magnetic bearing
 with all magnetic compasses tends to be greater as one gets closer to either of the magnetic poles. You should make allowances when using such maps with this watch. Location Taking a direction reading when you are near a source of strong magnetism
can cause large errors in readings. Because of this, you should avoid taking direction readings while in the vicinity of the following types of objects: permanent magnets (magnetic necklaces, etc.), concentrations of metal (metal doors, lockers, etc.), high tension wires, aerial wires, household appliances (TVs, personal computers, washing machines,
 freezers, etc.). Accurate direction readings are impossible while in a train, boat, air plane, etc. Accurate readings are also impossible indoors, especially inside ferroconcrete structures. This is because the metal framework of such structures picks up magnetism from appliances, etc. Storage The precision of the bearing sensor may deteriorate if the
 watch becomes magnetized. Because of this, you should store the watch away from magnets or any other sources of strong magnetism, including: permanent magnets, etc.). Whenever you suspect that the watch may have become magnetized
 perform the procedure under To perform bidirectional calibration. This watch uses a pressure sensor to measure sensor to measure temperature. To enter and exit the Barometer/Thermometer Mode 1. While in the Timekeeping Mode or in any of the sensor modes, press B to enter the
 that.2. Press D to return to the Timekeeping Mode. The watch will return to the Timekeeping Mode or in any of the sensor modes, press B. This
starts barometric pressure and temperature measurement at any time by pressing Bin the Barometer/Thermometer Mode. It can take up to four or ve seconds for the barometric pressure reading to appear after you enter the Barometer/Thermometer
 within the allowable range. Temperature ralure temperature is displayed in units of 0.1C (or 0.2F). The displayed temperature value will reappear as soon as the measured temperature is within the allowable range. Display
 UnitsYou can select either hectopascals (hPa) or inchesHg (inHg) as the display unit for the measured barometric pressure, and Celsius (C) or Fahrenheit (F) as the display unit for the measured temperature value. See To specify temperature, barometric pressure, and altitude units. Barometric pressure indicates changes in the atmosphere. By
barometric pressure graph shows readings of previous measurements for up to 24 hours. The horizontal axis of the graph represents time, with each dot standing for two hours. The rightmost dot represents time, with each dot standing for the relative difference
 between its reading and that of the dots next to it. Each dot represents 1 hPa.12 oclock positionBearingmemorypointerNorthpointerDirection angle of current readingBearing memory direction angle value12 oclock positionBearingmemorypointerNorthpointerDirection angle of current readingBearing memory direction angle

m value Temperature Barometric pressure\ graph Barometric pressure\ differential\ pointer Temperature Barometric pressure\ graph Barometric pressure\ graph Barometric pressure\ differential\ pointer Temperature Barometric pressure\ graph Barometric pressure\ graph Barometric pressure\ differential\ pointer Temperature Barometric pressure\ graph Barometric pressure\ g
graphBarometricpressureTimeBarometricpressureTimeBarometricpressureTimeBarometricpressure graph generally means deteriorating weather. A falling graph generally means deteriorating weather or temperature, the graph line of past
 measurements may run off the top or bottom of the display. The entire graph will become visible once barometric conditions stabilize. The following conditions cause the barometric pressure measurement to be skipped, with the corresponding point on the barometric pressure graph being left blank. Barometric reading that is out of range (260 hPa to
1,100 hPa or 7.65 inHg to 32.45 inHg) Sensor malfunctionBarometric pressure reading indicated on the barometric pressure graph, and the current barometric pressure value displayed in the Barometer/Thermometer Mode.Reading
 Barometric Pressure Differential PointerPressure differential is indicated in the range of 10 hPa, in 1-hPa units. The nearby screen shot, for example, shows what the pointer would indicate when the calculated pressure differential is approximately 5 hPa (approximately 0.15 inHg). Barometric pressure is calculated and displayed using hPa as the
pressure readings and temperature readings produced by the watch, you can calibrate the sensor to correct the errors. Important! Incorrectly calibration procedure, compare the readings produced by the watch with those of another reliable and
 accurate barometer. Incorrectly calibrating the temperature sensor can result in incorrect readings. Carefully read the following before doing anything. Compare the readings produced by the watch from your wrist and wait for 20 or 30 minutes to
 give the temperature of the watch time to stabilize. To calibrate the pressure sensor and the temperature sensor modes, press Bto enter the Barometer/Thermometer Mode. 2. Hold down E until the current temperature value starts to ash on the display. This is the setting screen. Before the
 temperature value starts to ash, the message SET Hold will appear on the display. Keep E depressed until SET Holddisappears.3. Press D to move the ashing between the temperature value in the units shown below. Temperature 0.1C
(0.2F) Barometric Pressure 1 hPa (0.05 inHg) To return the currently ashing value to its initial factory default setting, press A and C at the same time. OFF will appear at the ashing location for about one second, followed by the initial default value.5. Press E to return to the Barometer/Thermometer Mode screen. Barometer and Thermometer
 Precautions The pressure sensor built into this watch measures changes in air pressure, which you can then apply to your own weather predictions. It is not intended for use as a precision instrument in of cial weather predictions. It is not intended for use as a precision instrument in of cial weather predictions. It is not intended for use as a precision instrument in of cial weather predictions.
are affected by your body temperature (while you are wearing the watch), direct sunlight, and moisture from the case. It takes approximately 20 to 30 minutes for the case of theorem your wrist, place it in a well ventilated location out of direct sunlight, and moisture from the case of the case.
 watch to reach the actual surrounding temperature. Altimeter The watch displays altitude values based on air pressure readings taken by a built-in pressure sensor. How the Altimeter Measures Altitude speci ed by you. When you
 measure altitude based on preset valuesData produced by the watchs barometric pressure sensor is converted to approximate altitude based on ISA (International Standard Atmosphere) conversion values stored in watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values attitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure altitude based on ISA (International Standard Atmosphere) conversion values at the watch memory. When you measure at the watch memory is a standard Atmosphere is
uses that value to convert barometric pressure readings to altitude. When mountain climbing, you can specify a reference altitude value in accordance with a marker along the way or altitude information from a map. After that, the altitude value in accordance with a marker along the way or altitude information from a map. After that, the altitude value in accordance with a marker along the way or altitude information from a map. After that, the altitude value in accordance with a marker along the way or altitude information from a map. After that, the altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way or altitude information from a map is a marker along the way of the way of the way or altitude information from a map is a marker along the way of the way o
visible on the display. Not visible on the display. Not visible on the display. Barometric pressure differential pointering ressure differential pointering re
Compass Mode, Barometer/Thermometer Mode, and Altimeter Measurement is in progress. The rst reading will appear on the display after about four or ve seconds. The current altitude value is displayed in units of 5 meters (20 feet). After the
rst reading is obtained, the watch continues to take altimeter readings automatically every ve seconds for the rst three minutes, and then every two minutes after that (under initial default settings). If you leave the watch in the Altimeter Mode, it will update the displayed altitude value regularly and indicate reading changes in graph form.
You can use the procedure under Selecting an Altitude Auto Measurement Method to specify the altitude auto measurement method you want to use.3. After you are nished using the Altimeter, pressD to return to the Timekeeping Mode automatically if you do not perform
any operation for about 24 hours after entering the Altimeter Mode (under initial default settings). Reading the Altitude GraphThe altitude graph shows Altimeter Mode auto measurement readings over time. The vertical axis of the graph represents altitude, and each dot stands for 10 meters (40 feet). The horizontal axis represents time. For the
altitude readings taken during the rst three minutes after you start an altimeter measurement operation, each dot represents two minutes (under initial default settings). An out of range reading or a measurement error will cause the column of dots for that reading to be blank (skipped). Note The
measurement range for altitude is 700 to 10,000 meters (2,300 to 32,800 feet). The displayed altitude value will reappear as soon as the altitude reading is within the allowable range. An altitude value are based on the watchs preset
conversion values. You also can specify a reference altitude value, if you want. See Specifying a Reference Altitude value value value to either meters (m) or feet (ft). See To specify temperature, barometric pressure, and altitude value value value value value value value.
 following two altitude auto measurement methods. 005: Readings at ve-second intervals for one hour 200: Readings at ve-second intervals for the rst three minutes followed by two-minute intervals for one hour 200: Readings at ve-second intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minute intervals for the rst three minutes followed by two-minutes followed 
automatically after 24 hours (altitude auto measurement method: 200) or after one hour (altitude auto measurement method. In the Altimeter Mode, hold down E until the current reference altitude auto measurement method. In the Altimeter Mode, hold down E until the current reference altitude auto measurement method.
message SET Hold will appear on the display. Keep E depressed until SET Hold disappears. 2. Press D to display the current altitude auto measurement method setting between 005 or 200 to ash on the display. 3. Press E to exit the setting
screen. Using the Altitude Differential Value The Altitude differential value is 3,000 meters (9,980 feet) to 3,000
 meters (9,980 feet).- - - is displayed in place of the altitude differential value whenever the measured value is outside the allowable range. See Using the Altitude Differential value While Mountain Climbing or Hiking for some real-life examples of how to use this feature. To specify the altitude differential start pointIn the Altimeter Mode, press E. The
 watch will take an altitude reading and register the result as the altitude differential value will be reset to zero at this time. Altitude differential value will be reset to zero at this time. Altitude differential value will be reset to zero at this time.
the change in the altitude between that point and other points along the way. To use the altitude reading is on the displayed, press A to take one. See To take an altitude reading for details. 2. Use the contour lines on your map to
determine the difference in altitude between your current location and your destination. In the Altimeter Mode, press E to specify your current location as the altitude differential start point. The watch will be reset to zero at
this time.4. While comparing the altitude difference you determined on the map and the watchs altitude difference your destination. If the map shows that the difference your destination when the displayed altitude
differential value shows +80 meters. Specifying a Reference Altitude value Whenever one is available during your climb. After you specify a reference altitude value, the watch
 adjusts its air-pressure-to-altitude conversion calculation accordingly. To specify a reference altitude value starts to ash, the message SET Hold will appear on the display. Keep E depressed until
SET Hold disappears.2. Press A (+) or C () to change the current reference altitude value by 5 meters (or 20 feet). Specify a reference altitude value by 5 meters (32,800 to 32,800 feet). Pressinge of 10,000 meters (32,800 feet).
A and C at the same time returns to OFF (no reference altitude value), so the watch performs air pressure to altitude conversions based on preset data only.3. Press E to exit the setting screen. Types of Altitude value), so the watch performs air pressure to altitude value (minimum,
maximum, vertical ascent, vertical ascent, vertical descent). Use the Data Recall Mode to view data stored in memory. See Viewing Altitude reading, along with the date and stored in memory. See Viewing Altitude reading, along with the date and stored in memory.
time the reading was taken. There is enough memory to store up to 25 manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records, which are numbered from REC01throughREC25.To save a manual measurement records and numbered from REC01throughREC25.To save a manual measurement records a manual m
altimeter reading for details. 2. Hold down A until REC Hold appears on the disappears. This will save the currently disappears. This will return to the Altimeter Mode screen automatically after the save
operation is complete. There is enough memory, the above operation will cause the oldest records in memory, the above operation will cause the oldest record to be deleted automatically to make room for the new one. Auto Save Values Two sets of auto save values (Set 1 and Set 2) are maintained in
watch memory.Set 1 Set 2Maximum Altitude (MAX-1)Minimum Altitude (MIN-1)Vertical Ascent (ASC-1)Maximum Altitude (MIN-2)Vertical Ascent (ASC-2)Vertical Descent (DSC-1)Maximum Altitude (MIN-2)Vertical Ascent (ASC-2)Vertical Descent (DSC-1)Maximum Altitude (MIN-2)Vertical Descent (DSC-1)Maximum Altitude (MIN-1)Vertical Descent (DSC-1)Maximum Altitude (MIN-2)Vertical 
 Maximum and Minimum Values Are UpdatedWhile the watch is in the Altimeter Mode, altitude readings are taken automatically at the interval speci ed by the altitude auto measurement method. With each reading against the MAX (MAX-1 and MAX-2) and MIN (MIN-1 and MIN-2) values. It will replace the
MAX value if the current reading is greater than MAX, or the MIN value if the current reading is less than MIN. How Vertical Ascent Values Are UpdatedSession start point20 m0 m120 m320 m620 mSession end pointThe total Vertical Ascent Values Are UpdatedSession start point20 m0 m120 m320 m620 mSession during the
auto measurement session, but it does not reset the currentASC (ASC-1 and DSC 
 measurement session by returning to the Timekeeping Mode, the vertical ascent value of the current session (920 meters in the above example) is added to the sessions starting DSC value. Note that
any change in elevation when ascending that is less than 15 meters (49 feet) is not added to the vertical ascent value for the current Altimeter Mode auto
measurement session. Note The maximum altitude, minimum altitude, wertical ascent, and vertical descent values, perform the procedure under To clear the contents of a speci c memory when you exit the Altimeter Mode. To clear values, perform the procedure under to clear the contents of a speci c memory when you exit the Altimeter Mode. To clear values, perform the procedure under to clear the contents of a speci c memory area. Using Auto Save Values The watch maintains two independent sets of auto save
track of daily and cumulative data as described in the example below. Example: Keeping track of data on a three-day climbDay 1 clear both Set 1 and Set 2, and start your Day 2 climb. At the end of the day, both sets of auto save values contain the same data (MAX-1 = MAX-2, MIN-1 = MIN-2, etc.). Day 2 clear only Set 1, and start your Day 2 climb. At
 the end of the day, the values in Set 1 (MAX-1,MIN-1,ASC-1,DSC-1) will show the results of Day 2 only. In Set 2, MAX-2 and MIN-2 will show the total vertical ascent for the two days (Day 1 + Day 2) and DSC-2 will show the total vertical descent for the two
total vertical descent for the three days. For details about clearing altitude data, see To clear the contents of a speci c memory area. How does the altimeter work? Generally, air pressure and temperature decrease as altitude increases. This watch bases its altitude measurements on International Standard Atmosphere (ISA) values stipulated by the
 International Civil Aviation Organization (ICAO). These values de ne relationships between altitude, air pressure, and temperature. O m2CAltitude Air Pressure you from obtaining accurate readings: When air pressure changes because of
changes in the weather Extreme temperature changes When the watch itself is subjected to strong impact There are two standard methods of expresses an absolute altitude expresses the difference between the height of two different places.
This watch estimates altitude based on air pressure. This means that altitude measurements or perform button operations while sky diving, Do not use this watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude measurements or perform button operations while sky diving, Do not use this watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for measuring altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude irrespondent to the same The semiconductor pressure sensor used by the watch for altitude irrespondent to the same The semiconductor pressure sensor used to the same The semiconductor sensor used to the same The semiconductor sensor used to the sa
 applications that demand professional or industrial level Remember that the air inside of a commercial aircraft is pressurized. Because of this, the readings Page 77Specifying Temperature, barometric pressure, and altitude units to be used in the
Barometer/Thermometer Mode and the Altimeter Mode. Important! When TYO (Tokyo) is selected as the Home City, the altitude unit to Celsius (C). These settings cannot be changed. To specify temperature, barometric pressure, and altitude unit is set automatically to meters (m), the barometric pressure unit to Celsius (C).
units 1. In the Timekeeping Mode, hold down E until the currently selected city code starts to ash, the message SET Holdwill appear on the display. Keep E depressed until SET Holddisappears and the city code starts to ash. This is the city code starts to ash, the message SET Holdwill appear on the display.
corner of the screen. See step 3 under To change the current time and date settings for information about how to specify this unit: Press this key: To toggle between these settings: AltitudeAm (meters) and ft (feet)Barometric PressureBhPa (hectopascals)
and in Hg (inches of mercury) Temperature CC (Celsius) and F (Fahrenheit) 4. After the setting screen. Precautions Concerning Simultaneous Measurement of Altitude and Temperature Though you can perform altitude and temperature measurements at the same time, you should remember that
each of these measurements requires different conditions for best results. With temperature measurement, it is best to remove the watch from your wrist, because doing so keeps the watch at a constant
temperature, which contributes to more accurate altitude measurements. To give altitude measurement priority, leave the watch on your wrist or in any other location where the temperature of the watch is kept constant. To give temperature measurement priority, remove the watch from your wrist and allow it to hang freely from your bag or in
another location where it is not exposed to direct sunlight. Note that removing the watch from your wrist can affect pressure sensor readings and automatically saved high altitude, low altitude, total ascent, and total descent values. Altitude data
records are created and saved in the Altimeter Mode. To view altitude records 1. Use D to select the Data Recall Mode (REC) as shown in Selecting a Mode. About one second after REC appears on the display, the display will change to show the rst record of the memory area you were viewing when you last exited the Data Recall Mode. 2. Use B to
select the memory area you want.REC 01(Manually Saved Record Area)(Auto Save Value Area 2)MAX-23. Use A and C to scroll through the screens for an area and display the one you want.REC01REC02REC25Manually saved recordsMAX MIN ASC DSCAuto saved values While a manually saved record (REC 01
through REC 25) is displayed, the bottom of the screen will alternate between the date (month, day) and time (hour, minute) the record was created. While ASC or DSC auto saved
date (Month Day)Record nameAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAltitudeAlt
total ascent (ASC) and total descent (DSC) values will show zero. When the total ascent (ASC) or total descent (DSC) value becomes ve digits, the leftmost (ten thousand) digit will appear in the upper right of the display.
The nearby illustration shows the display when the ASC-1 value is 99995 meters. To clear the contents of a speci c memory area you want to clear. Note that the contents of the memory area you want to clear the contents of the memory area you want to clear. Note that the contents of the memory area you want to clear the contents of the memory area you want to clear.
cannot be undone, so double check to make sure you really want to delete the contents of the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears on the disappears. This will clear the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears on the disappears on the disappears. 3. Hold down E until CLR Hold appears on the disappears on the disappears on the disappears on the disappears on the disappears. 3. Hold down E until CLR Hold appears on the disappears on the disappears of the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears of the memory area you select here. 3. Hold down E until CLR Hold appears on the disappears of the memory area you select here. 3. Hold down E until CLR Hold appears of the memory area you select here. 3. Hold down E until CLR Hold appears of the memory area you select here. 3. Hold down E until CLR Hold appears of the memory area you select here. 3. Hold appears of the memory area you select here. 3. Hold appears of the memory area you select here. 3. Hold appears of the memory area you select here. 3. Hold appears of the memory area you select here. 3. Hold appears of the memory area you select here. 3. Hold appears of the memory area you s
This indicates there is nothing stored in the currently displayed memory area. Looking up Sunrise and Sunset Times For a particular date (year, month, day) and location. To enter the Sunrise/Sunset Mode While in the Timekeeping Mode, press D to enter the Sunrise/Sunset
Mode. This will display the sunrise and sunset times for the currently speci ed city code, latitude, and longitude. The three Daylight Pointer 1: Sunset time in 24-hour formatPointer 2: Sunrise time in 24-hour formatPointer 3: This asking pointer appears
only when Pointer 1 and Pointer 2 are indicating the sunrise and sunset times for the current Timekeeping Mode date. It indicates the current Timekeeping Mode date. It indicates the current Timekeeping Mode date. It indicates the current Timekeeping Mode time in 24-hour format. Before trying to use the Sunrise and sunset times
you want to view. The factory default con guration of the location is: City Code: TYO(Tokyo); Latitude: North 36 degrees; Longitude: East 140 degrees. You can nd latitude and longitude for various cities around the globe in the Site Data List. To view the sunrise/sunset time for a particular date1. Enter the Sunrise/Sunset Mode. This will display the
sunrise and sunset times for the current date at the location speci ed by the city code, latitude, and longitude. 2. While the sunrise and sunset times for the selected date will be indicated by values and pointers. You can select any date between January 1, 2000
and December 31, 2099. Note Sunrise/sunset time is displayed in 5-minute units. If you think that the sunrise and latitude settings. The sunrise and sunset times are not correct for some reason, check the watchs city code, longitude and latitude settings. The sunrise and sunset times are not correct for some reason, check the watchs city code, longitude and latitude settings.
other than sea level. To look up the sunrise and sunset times for a speci c city code Important! You do not need to perform this procedure to look up the sunrise and sunset times there, return to the city code of your Home City (your current
location) when you are nished. Otherwise, the time shown in the Timekeeping Mode will not be correct. For information about the Home City setting, see Con guring Home City setting screen. Before the city code starts to ash, the
message SET Hold will appear on the display. Keep Edepressed until SET Hold disappears and the city code starts to ash.2. Use A (East) and C (West) to select the city code whose sunrise and sunset times you want to view. For details about city codes, see the City Code Table.3. Press E twice to exit the setting screen. Ten thousand digitTen thousand
digitCurrentdatePointer 3Pointer 2SunrisetimeSunsettimePointer 1DateSunset time Sunrise timePointer 1DateSunset timePointer 1DateSunset time Sunrise timePointer 1DateSunset timePointer 3Pointer 2SunrisetimePointer 3Pointer 
(DSTsaving time (DST) while UTC is selected as the World Time City. UseDSTWSTWAAA ACStart Split (SPL displayed) Split release Stop ResetACA CCStart Split First runner nishes. Display time of second runner nishes. Display time of rst runner nishes. Display time of rst runner nishes. Display time of second runner nishes. Display time of rst runner nishes. Display ti
Mode while a split time is frozen on the display clears the split time and returns LatitudeLongitudePress D.Pointer 1Currently selected World Time CityCurrent time in the currently selected World Time CityCurre
selectedWorld Time CityPointer 2CurrentTimeKeepingMode timeDST indicatorDST indicatorDST indicatorDST indicatorDST indicatorDST indicatorHours1/100 secondSecondsMinutesCurrenttimeUseDTMRTMRACCE Before the hour setting starts to ash, the message SET HoldEDAC To set the starting value of the countdown time to 24 hours, set 0H
0000.EAAA ACStart Stop (Restart) (Stop) Reset Before starting a countdown timer operation, check to make sure that a countdown is reached. This alarm will sound in UseDALMALMAL1AL5SIGSIGACAL4E Before the alarm time starts to ash, the message SET
HoldEDAC When setting the alarm time (Hour, minutes, seconds)Current timeCountdown time (Hour, minutes, seco
timeAlarm ON/OFF indicatorAlarm ON/OFF indicatorAlarm on indicator
automatically when you angle the watch towards your face. The auto light switch must be turned on for it to operate. To turn on illumination manually ressL in any mode to illumination duration. When you press L, the display will remain
illuminated for about one second or three seconds, depending on the current illumination setting. The above operation turns on illumination is disabled while con guring sensor measurement mode settings, and during bearing sensor calibration. To change the illumination
duration1. In the Timekeeping Mode, hold down E until the currently selected city code starts to ash. This is the city cod
upper left corner of the display. See step 3 under To change the current time and date settings for information about how to scroll through setting screens. Press A to toggle the illumination duration between three seconds (LT1 displayed). After the settings are the way you want, press E twice to exit the setting
screen. About the Auto Light Switch Turning on the auto light switch Turning on the auto light switch Turning on the auto light switch to a position to turn on. Warning! Always make sure you are in a
safe place whenever you are reading the display of 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 startle 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 features a Full Auto EL Light, so the auto light switch operates only
when available light is below a certain level. It does not illuminate the display under bright light. The auto light switch is always disabled, regardless of its on/off setting, when any one of the following conditions exists. While an alarm is sounding During sensor measurement while a bearing sensor calibration operation is being performed in the Digital
Compass ModeWhile a sunrise or sunset time is being calculatedTo turn the auto light switch on and off[A.EL not displayed] and off (A.EL not displayed) and off (
turned on. The auto light switch turns off automatically whenever battery power drops to Level 4.Illumination Precautions Frequent display illumination to recover from a single illumination operation. Approximately ve minutes
exposure to bright sunlight coming in through a windowApproximately 50 minutes exposure to indoor uorescent lighting The electro-luminescent panel that provides illumination turns off automatically whenever an alarm sounds. Frequent
use of illumination runs down the battery. Auto light switch precautions Wearing the watch on the inside of your arm, or vibration of the auto light switch whenever engaging in activities
that might cause frequent illumination of the display. Note that wearing the watch under your sleeve while the auto light switch is turned on can cause frequent illumination of the display and can run down the battery. 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 does not turn on, try moving the watch back to the starting position (parallel with the
ground) and then tilt it back towards your face 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. 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. More than 40Wear the watch on the outside of your wristMore than 40Wear the watch on indicatorButton Operation tone
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on or off as desired. Even if you turn off the button operation tone, the alarm, Hourly Time Signal, and Countdown Timer Mode alarm all operate normally. To turn the button operation tone on and off1. In the Timekeeping Mode, hold down E until the currently selected city code starts to ash. This is the city code setting screen. Before the city code starts to ash, the message SET Holdwill appear on the display. Keep E depressed until SET Holddisappears and the city code starts to ash. 2. Keep pressing D until MUTE or KEY is displayed in the upper left corner of the display. See step 3 under To change the current time and date settings for information about how to scroll through setting screens. 3. Press A to toggle the button operation tone on (KEY) and off (MUTE). 4. After the setting is off by one hour. You may need to change your Home Citys standard time/daylight saving time (DST) setting. Use the procedure under To change the temperature, barometric pressure, and altitude units. When TYO (Tokyo) is selected as the Home City, the

altitude unit is set automatically to meters (m), the barometric pressure unit to Celsius (C). These settings cannot be changed. ERR appears on the display while I am using a sensor. Subjecting the watch to strong inspersor on the display and sensor operations will be disabled. Digital Compass Measurement If ERR appears while a measurement operation is being performed in a sensor mode, restart the measurement. Her appears on the display and in the sensor. Even if battery power is at Level 1 (H) or Level 2 (M), the Digital Compass Mode, Barometer/Thermometer Mode, or Altimeter Mode sensor may be disabled if there is not enough voltage returns to its normal level. If ERR keeps appearing, on the display after 1 perform bidirectional calibration or northerly calibration, and sensor operation should resume once battery voltage returns to its normal level. If ERR keeps appearing, contact your original dealer or nearest and then changed after 1 perform bidirectional calibration or northerly calibration or northerly calibration or northerly calibration. The ERR measurement, it could mean there is a problem with the sensor. The RR appears on the display after 1 perform bidirectional calibration or northerly calibration or northerly calibration or northerly calibration. The ERR measurement is the watch there is a problem with the sensor. The ERR appears on the display after 1 perform bidirection or northerly calibration or northerly calibration. The ERR measurement is the watch there is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measurement is a problem with the sensor. The ERR measureme

Changing time on casio pro trek. Casio pro-trek prg-30. How do you change the time on a casio pro trek. Casio tough solar set time. Casio pro trek solar. Casio pro trek change time zone.