

CASIO®





Five-atmosphere Water Resistance + MIL-STD^{*2}

Even though this watch has a built-in voice recognition microphone, it still is water resistant up to five atmospheres. This means you can wear your watch while swimming, fishing, etc. MIL-STD-810G standard environment resistance allows you to wear your watch while engaged in a variety of vigorous outdoor activities, including: mountain climbing, cycle sports, fishing, and more.

^{*2} United States Department of Defense Military Standard

Built-in GPS (WSD-F20 series only)

This watch has GPS^{*3} built in, and you can acquire location information without connecting with a phone. The watch itself can display a map^{*4} of your current location, measure and record data for a variety of activities, and more.

^{*3} In addition to GPS (U.S.), your watch also supports GLONASS (Russia) and QZSS (Japan) positioning. This manual uses "GPS" to refer to all of the above positioning systems.

^{*4} To display the map when you do not have a smartphone, you need to have the map data downloaded beforehand.

Dual-layer LCD for Improved Readability

CASIO app operations are designed to use either the color or the monochrome LCD. The monochrome LCD makes display contents easier to read when outdoors under sunlight.

Three Side Buttons Designed for Sure Operation

The three side buttons are designed for sure operation even when outdoors. Apps can be freely assigned to the **TOOL button** and the **APP button**.

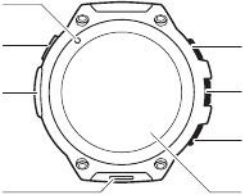


Altimeter, Barometer

The watch's Altimeter uses a pressure sensor to measure barometric pressure, and then calculates and displays relative altitude based on the measured value. Because of this, readings taken at different times at the same location may produce different altitude values due to changes in temperature, humidity, barometric pressure, and other factors. Also note that values displayed by the watch may be different from elevations indicated for areas where you are located. When using the watch's altimeter while mountain climbing, it is recommended that you perform regular correction in accordance with the local altitude (elevation) indications.

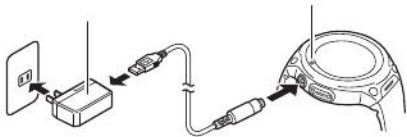
Tide Graph (Graphic Display of Tide Information)

The Tide Graph feature of your watch is intended to provide a rough image of current tide conditions. Do not use its tide information for navigation purposes. For navigation purposes, be sure to use official tide charts issued by a reliable agency or authority for the area you are navigating.



About This Manual

- The contents of this manual are subject to change without notice.
- Copying of this manual, either in part or its entirety, is forbidden. You are allowed to use this manual for your own personal use. Any other use is forbidden without the permission of CASIO COMPUTER CO., LTD.
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- The watch and sample screens depicted in the illustrations in this manual may be different from the actual appearance of the watch.





Preparing the Watch for Outdoor Use

Performing the steps below prepares the watch's outdoor functions (CASIO watch faces and apps) for optimal operation. Perform these steps after you have completed the procedure under "Preparing the Watch for First Use".

1. Configure watch settings to enable use of Play Store.

1. If you are using the watch while it is connected with an iPhone, connect the iPhone to Wi-Fi.
2. While a watch face is displayed, short press the power button to display the App menu.
3. Scroll the list of apps upwards or downwards until "Play Store" is displayed, and then tap it.
4. When the Google Play Terms of Service screen appears, tap "Yes, I'm In".
 - This will give you access to Play Store. Install the app you want to try.


2. Update your CASIO apps to their latest versions.

1. On the app menu, tap "Play Store".
2. Swipe the touch screen from top to bottom to display the Play Store home screen.
3. Tap the "My Apps" icon to display a list of the apps currently installed on the watch.
 - Apps for which updates are available will be shown under "Updates".
4. If there is an update available for CASIO MOMENT SETTER+, be sure to update it. Updating any other apps that are available is also recommended.


3. Configure the location settings of the watch and smartphone.

A WSD-F20 series watch can acquire location information on their own or from a smartphone. The WSD-F10 gets location information from a phone.

Watch Operation (WSD-F20 series)

1. While the watch face is displayed, swipe the touch screen from top to bottom and then tap .
2. Scroll downwards and tap "Connectivity" and then "Location".
3. On the screen that appears, enable "Location".

Watch Operation (WSD-F10)


1. While the watch face is displayed, swipe the touch screen from top to bottom and then tap .
2. Scroll the screen downwards, and then tap "Connectivity".
3. Scroll the screen downwards until "Location" appears, and then turn it on.

Smartphone Operation

Go to "Settings" and turn on "Location". Next, select "High Accuracy" mode. If your smartphone does not have "High Accuracy" setting, turn on its GPS, Wi-Fi, and mobile network (data communication) settings.

The settings in the steps below are required to enable the following functions: CASIO watch faces, the Location Memory app, the TOOL app, the Activity app, and all functions of the MOMENT SETTER app.

4. Enable the CASIO MOMENT SETTER+ "Permissions" setting.

1. While the watch face is displayed, swipe the touch screen from top to bottom and then tap .
2. Scroll the screen downwards, and then tap in the following sequence: "Apps & notifications", "App permissions", "System Apps", "CASIO MOMENT SETTER+".
3. Tap the items that appear on the display ("Calendar", "Microphone", "Location", etc.) and enable all of them.

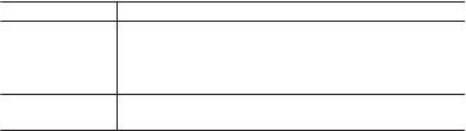
5. Turn on the “Save daily activity records” setting.

1. While the watch face (Authentic, Field, Multi) is displayed, hold your finger on the touch screen for about two seconds. This displays the setting menu.
2. Scroll the setting menu downwards. When “Save daily activity records” is displayed, check to make sure that its setting is “OFF”. Next, tap the setting.
 - A dialog box will appear to confirm if you want to save activity records. Carefully read the text of the dialog box.
3. Tap “I agree.”
 - This changes the “Save daily activity records” setting to “ON”.

6. Turn on the “Save Daily Location Info” setting (WSD-F20 series only).

1. While the watch face (Location or Traveler) is displayed, hold your finger on the touch screen for about two seconds to display the setting menu.
2. Scroll the setting menu downwards. When “Save Daily Location Info” is displayed, check to make sure that its setting is “OFF”. Next, tap the setting.
 - A dialog box will appear to confirm if you want to save location information. Carefully read the text of the dialog box.
3. Tap “Every 6 minutes” or “Every 1 minute”.
 - This changes the “Save Daily Location Info” setting to “ON”.
 - Note that selecting “Every 1 minute” will cause a large amount of power to be consumed.





Wear OS by Google Functions

The Wear OS by Google operating system of this watch provides the functions below as standard.

- Dictation and voice command operation
- Messaging and incoming phone call notification
- Timer, Agenda, Translate and other standard Wear OS by Google apps
- Watch faces and apps can be added using the Play Store app*
- Wear OS by Google Settings
- * Your watch comes with a built-in Play Store app that you can use to add watch faces and apps using watch operations only (without a smartphone).

For details, visit the websites below.

<https://support.google.com/wearos/>

Smartphone Dependent Functions

Though you can use a wide range of functions without connecting to a smartphone, some apps and services (dictation, smartphone related apps, etc.) are not available unless there is a connection between the watch and a smartphone. For details, visit the websites below.

<https://support.google.com/wearos/>

<http://support.casio.com/wsd/>















Changing the “Revisit” Mark Notification Setting

Use “Revisit” marks to record a mark and have the watch alert you whenever you are in the vicinity. Under the watch’s initial default settings, notification is performed when both of the conditions below are satisfied.

- You are <<within five kilometers>> of the “Revisit” mark location.
- <<At least one day>> has passed since you were last <<within one kilometer>> of the “Revisit” mark location.

The parts of the above conditions enclosed in double angle brackets (<< >>) can be specified by you. You can also disable notifications, if you want. You can use the steps below to configure settings.

- 1. While the map is displayed, swipe the touch screen from bottom to top. On the menu that appears, tap “Settings”.**
- 2. Scroll the setting menu downwards. When “Revisit” is displayed, tap it.**
- 3. On the screen that appears, configure the required settings.**
 - Perform the steps below to modify notification conditions.
 1. If the “Notifications” setting is “OFF”, tap to change it to “ON”.
 2. Tap “Region”. On the list that appears, tap the distance you want to specify.
 3. Tap “Notification Control”. On the list that appears, tap the interval you want to specify.
 - To disable notification, tap “Notifications” to change its setting to “OFF”.

Viewing Your Route on a Phone

You can perform the procedure below to export a route stored in watch memory and view it on a phone using Google Earth™, etc. Note that your phone needs to have Google Drive™ and Google Earth installed in order to perform this procedure.

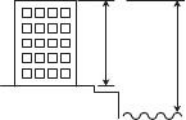
- 1. While the map is displayed, swipe the touch screen from bottom to top. On the menu that appears, tap “Settings”.**
- 2. Scroll the setting menu downwards. Tap “Export” and then “Output as KML file” in sequence.**
 - If this is the first time for you to perform this operation, an account selection screen will appear. The KML file will be stored on Google Drive, so select your Google account.
- 3. Select the date of the route you want to export.**
 - This will start export. Do not perform any operation on the watch until the export is complete.
 - The exported KML file will be stored on your Google Drive in a folder named CASIO-WSD.





Before Using Altimeter

- The watch's Altimeter can be configured to use positioning information (GPS) to correct altitude readings automatically (not supported when the WSD-F10 is connected with an iPhone). Configure the settings below to use this function.
 - Correctly configure the "Location" setting on the watch and smartphone. For more information, see step 1 under "[Preparing the Watch for Outdoor Use](#)".
 - Select "ON" for the "Correct Altitude Using Location" setting. After reading "[Common Outdoor Function Settings](#)", perform the operation under "[Correct Altitude Using Location](#)".
- Since the watch displays relative altitude based on changes in barometric pressure, it may display different altitude readings for the same location, or incorrect readings due to changes in the local barometric pressure. "Correct Altitude Using Location" uses GPS information to correct altitude. Even so, since GPS information generally includes some error, there may be large error between the altitude readings produced by this watch and actual altitudes indicated locally. If you want more accurate altitude readings while climbing or hiking, manually inputting locally indicated altitude values is recommended. After reading "[Common Outdoor Function Settings](#)", perform the operation under "[Altitude Calibration](#)".
- When taking altitude readings, keep the watch at as stable a temperature as possible. For better accuracy, strap the watch to your wrist for some time before taking readings in order to allow the watch's temperature to stabilize. Changes in pressure sensor temperature can cause measurement error.















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Common Outdoor Function Settings

CASIO apps and CASIO watch faces share the same outdoor functions such as Compass, Altimeter, etc. This section explains settings that are common to all CASIO apps and watch faces.

Basic Operations for Configuring Common Settings


Use the setting menu to configure common settings. The required operation to display the setting menu depends on what screen is displayed, but operations are the same in all cases once the menu is displayed. You can use the steps below to configure settings.

1. Display the setting menu.

From a CASIO watch face:

1. Hold your finger on the touch screen for about two seconds. This displays the setting menu.


From the TOOL app or Activity app:

1. Swipe the touch screen from right to left several times.
2. When the "Settings" Screen is displayed, tap . This displays the setting menu.

From the MOMENT SETTER app:

1. Swipe the touch screen from bottom to top.
2. Tap "Settings". This displays the setting menu.

From the Location Memory app (WSD-F20 series only):

1. While a map is displayed, swipe the touch screen from bottom to top.
2. On the menu that appears, tap  "Settings". This displays the setting menu.

2. Scroll the setting menu upwards and downwards. When the setting item you want to configure is displayed, tap it.

- Some items toggle between settings when tapped, while others display another screen for configuring settings. For an explanation about each item and its operation, see "[Setting Item List](#)".

Setting Item List

The setting items displayed on the setting menu (see “Basic Operations for Configuring Common Settings”) are shown below. After displaying the setting menu, perform the operation required for the item whose setting you want to change.

Note

- The letters to the right of each setting item indicate the screen from which the setting item can be displayed. For example, the letters “WF” to the right of a setting item means that the setting item can be displayed from a watch face (WF) screen.

WF:	Watch face	MS:	MOMENT SETTER app
TL:	TOOL app	LM:	Location Memory app ¹
AC:	Activity app	TP:	Timepiece app

¹ WSD-F20 series only

Compass Calibration (WF)

Operation

Tap this setting item and then move the watch around as instructed by the Compass magnetic calibration message and animation that appears on the display. A message will appear to let you know when magnetic calibration is complete, and then the screen that was displayed before you started calibration (watch face) will reappear.

Description

This function calibrates Compass so it indicates direction correctly. If Compass Calibration is dimmed (and will not respond when tapped) it means that Compass accuracy is sufficient and that correction is not required.

Compass Magnetic Declination Calibration (WF/TL)

Operation

Each tap of this setting item toggles between “ON” and “OFF”. The Compass indicates true north when on, and magnetic north when off.

Description

This function corrects magnetic north and true north error.





Description

Though the pressure sensor built into the watch is adjusted at the factory and normally does not require calibration, you can perform the calibration operation above if you notice that readings are very different from those from other sources. To calibrate manually, use this item to input the current barometric pressure as measured by another accurate barometer.

Centered value / My Graph (TL)

Operation

Tap this setting item and then scroll the list that appears upwards and downwards. When the type of value you want shown in the center of the My Graph Screen is displayed, tap it.

Description

This setting changes the type of value displayed in the center of the My Graph Screen.

Home city (WF)

Operation

Tap this setting item and then scroll the list that appears upwards and downwards. When the name of the city you want to specify as your Home city is displayed, tap it.

Description

This setting specifies the Home city displayed on watch faces (World Time, Traveler).

Edit Color (WF)

Operation

Tap this setting item, and then on the list that appears tap the color you want to use.

Description

This setting specifies the face color of a watch face (Authentic, Field, Multi, Location, Traveler).

Monochrome Display (WF/TP)

Operation

Each tap of this setting item toggles the face background between “Dark” and “Bright”.

Description

You can select how the watch’s monochrome LCD displays data. This setting is applied to all of the displays below.

- “2 Layers” watch face monochrome display
- TOOL app monochrome display
- Timepiece Mode monochrome display

GPS Time Calibration (WSD-F20 series only) (WF)

Operation

1. Move to an outdoor area where the sky is visible.
2. Perform the required operation on a CASIO watch face to display the setting menu, and then tap “GPS Time Calibration”.
3. Carefully read the message that appears on the display and then tap “Correct”.
4. Wait until GPS reception is complete.

Description

The watch normally adjusts its current time setting by syncing with a smartphone. Should the smartphone battery go dead, if you lose your smartphone, or if syncing is not possible for some other reason, you need to perform the above operation each time you want to adjust the watch’s time setting. Each time you do, the watch will temporarily adjust its time setting based on GPS information.

It is recommended that you perform this procedure in a location where GPS reception conditions are good and where the sky is visible. See [“Appropriate and Inappropriate Signal Reception Location”](#).

Units (WF/TL/AC/MS)

Operation

Each tap of this setting item toggles between “Metric” and “Imperial”.

Description

Use this setting to switch between metric units (meters, kilograms, hPa, etc.) and Imperial units (feet, pounds, inHg, etc.) for values displayed by CASIO watch faces and apps.

Port setting (TL)

Operation

Tap this setting item and then scroll the list that appears upwards and downwards. When the name of the point (port name or name of a city near the ocean) you want is displayed, tap it.

Description

This setting specifies the point (port) whose tide information is displayed by the "Tide Graph" of the TOOL app.

Re-calculation with Current Location (TL)

Operation

Tap this setting item to start acquisition of positioning information for your current location. After positioning information acquisition is successful, the TOOL screen will reappear, which will show re-calculated data.

Description

Perform this operation when "DEMO" is displayed on the TOOL app screen or when the message "Displayed result is based on location info from 000 minutes ago." appears. It re-calculates data displayed by the TOOL app based on current location information acquired by the watch or your smartphone GPS function.













All Off (MS)

Operation

1. Tap this item and a confirmation dialog box will appear asking if you want to disable all MOMENT SETTER notifications.
2. Tap "Turn off." to disable notifications or "Cancel" to leave notifications enabled.

Description

Removing all check marks from the MOMENT SETTER app menu disables all notifications. Note that once you perform this operation, there is no single batch operation to re-enable notifications. You will need to use the MOMENT SETTER app menu to individually re-enable each notification you want.

Route Display (WSD-F20 series only) (LM)

For information about this item, see ["Enabling Route Tracking on the Map \(Route Display\)"](#).

Revisit (WSD-F20 series only) (LM)

For information about this item, see ["Changing the "Revisit" Mark Notification Setting"](#).



①



②

While the “ 2 Layers ” watch face is selected

If you do not perform any operation on the watch, the unlined screen shown in ② will be displayed. Tapping the touch screen will switch to the color display.

While “Always-on screen” is OFF

If you do not perform any operation on the watch, the unlined screen shown in ② will be displayed. Tapping the touch screen will switch to the color display.

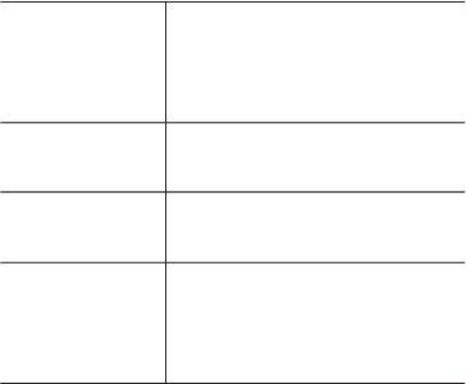
“Always-on screen” is a Wear OS by Google setting item. For details, visit the website below.

<https://support.google.com/wearos/>

TOOL App Monochrome Display

Holding down the TOOL button for about three seconds while a TOOL app color display is shown will switch to a simple monochrome display.

- Tapping the touch screen while the monochrome display is shown will switch to the color display.
- For information about the TOOL app, see “Using the TOOL App”.





Moon Age Precautions

Moon ages displayed by this watch are based on the calculation described below.

- (1) Elongation is calculated using solar and lunar coordinates produced by functional calculus.
 - (2) Moon age is calculated based on the correlation between the elongation and average moon age.
- Though the lunar period averages 29.53 days, it actually fluctuates by as much as ± 1 day, so this calculation produces an error of up to ± 1 day.

Water Resistance

This watch is water resistant up to five atmospheres, which means it can be worn while working around water and while swimming. However, note the information below.

- Even if a watch is water resistant, note the usage precautions described below.
 - Avoid using this watch while windsurfing, skin diving, or scuba diving.
 - Do not operate the buttons while your watch is submersed in water or wet.
 - Do not charge the watch while it is in water or wet.
 - Avoid wearing your watch while in the bath.
 - Do not wear your watch while in a heated swimming pool, sauna, or any other high temperature/high humidity environment.
 - Do not wear this watch while washing your hands or face, or while performing any other task that includes the use of soap or detergent.
- The touch screen does not work while the watch is submerged in water.
- After using the watch where it is submerged in seawater or fresh water, or where it is soiled by sand or mud, rinse it with clean water as described below and then thoroughly dry it.
 1. Fill a bucket or other container with tap water or other clean water.
 2. Place the watch in the water and leave it there for about 10 minutes.
 3. Gently move the watch back and forth in the water to remove any salt, dirt, mud, sand, etc.
 - If the touch screen is dirty, do not rub it without first washing it clean.
 - After washing the watch, use a clean, dry, soft cloth to wipe away any remaining water. Next, leave the watch in a well-ventilated, shaded location to dry thoroughly.
- To maintain water resistance, have the gaskets of your watch replaced periodically (about once every two or three years).
- Be sure to leave battery replacement up to an authorized CASIO service center or your original retailer. Unauthorized battery replacement may cause problems with the waterproof performance of the watch.




Using GPS Outside Your Country

Some countries or geographic areas put legal restrictions on the use of GPS, on the collection and logging of location information, etc. Your watch has built-in GPS functionality, so before embarking on international travel to a country or area outside of the country where you purchased your watch, you should check with the embassy of the countries you plan to visit, your travel agency, or some other reliable source of information to find out if there are any prohibitions or restrictions on bringing in devices with GPS functionality, or on the logging of location information, etc.

Long Periods of Non-use

If you allow the watch to remain discharged and unused for a long period, it will take a long time to acquire GPS signals and perform positioning immediately after you charge the watch and start using it again.

GPS Function Precautions

- Whenever you are in any area where radio wave reception is prohibited or restricted, perform the operation below to turn off the "Location" setting.
 1. While the watch face is displayed, swipe the touch screen from top to bottom and then tap .
 2. Scroll downwards and tap "Connectivity" and then "Location".
 3. On the screen that appears, disable "Location".
- Map data may include information that is incorrect. Also, all countries and geographic areas may not be provided in the map data.
- Some location and address names may not display correctly due to applicable laws and restrictions in certain countries and geographic areas.
- The location information provided by the GPS function of this watch is intended for reference purposes only and locations shown may not be accessible or difficult to access. Also, map information may show mountain, jungles, deserts, and other dangerous or lawless locations. Before going to an unknown location, be sure to check on the latest information available about laws and safety.
- Using this watch in the vicinity of a mobile phone or other device that uses 1.5 GHz band radio waves may make signal reception impossible.
- Depending on reception conditions, GPS positioning information may include error up to several hundred meters.
- Location information is not acquired while flying on an aircraft or otherwise moving at very high speed.
- Never use the GPS function of this watch for surveying or any other measuring that requires high accuracy.
- Never use the GPS function of this watch for navigation of boats, aircraft, motor vehicles, individuals, etc.

Band

- Tightening the band too tightly can cause you to sweat and make it difficult for air to pass under the band, which can lead to skin irritation. Do not fasten the band too tightly. There should be enough room between the band and your wrist so you can insert your finger.
- Deterioration, rust, and other conditions can cause the band to break or come off of your watch, which in turn can cause band pins to fly out of position or to fall out. This creates the risk of your watch falling from your wrist and becoming lost, and also creates the risk of personal injury. Always take good care of your band and keep it clean.
- Immediately stop using a band if you ever notice any of the following: loss of band flexibility, band cracks, band discoloration, band looseness, band connecting pin flying or falling out, or any other abnormality. Take your watch to an authorized CASIO service center or to your original retailer for inspection and repair (for which you will be charged) or to have the band replaced (for which you will be charged).

Temperature

- Never leave your watch on the dashboard of a car, near a heater, or in any other location that is subject to very high temperatures. Do not leave your watch where it will be exposed to very low temperatures. Doing so can cause malfunction.
- Leaving your watch in an area hotter than +60°C (140°F) for long periods can lead to problems with its LCD. The LCD may become difficult to read at temperatures lower than 0°C (32°F) and greater than +40°C (104°F). Watch operation that is stopped due to high temperatures will not resume until watch cools sufficiently. Wait for a while to allow the watch to cool.

Magnetism

- Some watch functions may not operate normally in a location where magnetism is present. Very strong magnetism (from medical equipment, etc.) should be avoided because it can cause malfunction of your watch and damage to electronic components.

Chemicals

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

Storage

- If you do not plan to use your watch for a long time, thoroughly wipe it free of all dirt, sweat, and moisture, and store it in a cool, dry place.
- Disconnect the charger cable from the AC adaptor and unplug the AC adaptor from the power outlet when not charging. Store them in a safe place for later use. The charger cable is magnetic, so keep it away from magnetic cards, precision equipment, and analog watches.

Resin Components

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

Watch Sensors

- A watch sensor is a precision instrument. Never try to take it apart. Never try to insert any objects into the openings of a sensor, and take care to ensure that dirt, dust, or other foreign matter does not get into it. After using your watch where it has been immersed in saltwater, rinse it thoroughly with fresh water.

Metal Components

- Failure to clean dirt from metal components can lead to formation of rust, even if components are stainless steel or plated. If metal components exposed to sweat or water, wipe thoroughly with a soft, absorbent cloth and then place the watch in a well-ventilated location to dry.
- Use a soft toothbrush or similar tool to scrub the metal with a weak solution of water and a mild neutral detergent, or with soapy water. Next, rinse with water to remove all remaining detergent and then wipe dry with a soft absorbent cloth. When washing the band, wrap the watch case with kitchen plastic wrap so it does not come into contact with the detergent or soap.

Liquid Crystal Display

- Display figures may be difficult to read when viewed from an angle.
- The LCD of this watch has flat bottom, and so it is not round. Because of this using a watch face that is designed for a round display may result in some part of the face being cut off.
- The liquid crystal panel of this watch uses high-precision technology that provides a pixel yield in excess of 99.99%. This means that some very small number of pixels may not light or may remain lit at all times. This is due to the characteristics of the liquid crystal panel, and does not indicate malfunction.

User Maintenance

Caring for Your Watch

Remember that you wear your watch next to your skin, just like a piece of clothing. To ensure your watch performs at the level for which it is designed, keep it clean by frequently wiping with a soft cloth to keep your watch and band free of dirt, sweat, water and other foreign matter.

- Whenever your watch is exposed to sea water or mud, rinse it off with clean fresh water.
- For a resin band, wash with water and then wipe dry with a soft cloth. Note that sometimes a smudge like pattern may appear on the surface of a resin band. This will not have any effect on your skin or clothing. Wipe with a cloth to remove the smudge pattern.
- To clean the metal parts on a resin band, use a soft toothbrush or similar tool to scrub the band with a weak solution of water and a mild neutral detergent, or with soapy water. Next, rinse with water to remove all remaining detergent and then wipe dry with a soft absorbent cloth. When washing the band, wrap the watch case with kitchen plastic wrap so it does not come into contact with the detergent or soap.

Dangers of Poor Watch Care

Rust

- Though the metal steel used for your watch is highly rust-resistant, rust can form if your watch is not cleaned after it becomes dirty.
 - Dirt on your watch can make it impossible for oxygen to come into contact with the metal, which can lead to breakdown of the oxidization layer on the metal surface and the formation of rust.
- Rust can cause sharp areas on metal components and can cause band pins to fly out of position or to fall out. If you ever notice any abnormality immediately stop using your watch and take it to an authorized CASIO service center or to your original retailer.
- Even if the surface of the metal appears clean, sweat and rust in crevasses can soil the sleeves of clothing, cause skin irritation, and even interfere with watch performance.





- Watch:

- Auto time correction:

- By communication with smartphone (Time can be adjusted manually.)

- By GPS information (Can be corrected manually.)

- Time zones (world time function):

- Supports multiple world time zones (Types depend on system time zones.)

- 12/24-hour timekeeping

- Full auto-calendar:

- Auto switching by linking with smartphone

- Summer time:

- Auto switching by linking with smartphone

- Watch faces:

- Three favorites, more can be added.

- TOOL App:

- Compass:

- Measurement range: 0° to 359°

- Measurement unit: 1°

- Continuous measurement duration: 1 minute

- North Indication hand, Magnetic declination calibration, Bearing memory, Gradient calibration

- Altimeter:

- Measurement range: -700 to 10,000 m (-2,300 to 32,800 ft)

- Measurement unit: 1 m (5 ft)

- Measurement accuracy: within ±75 m (within ±250 ft) (When frequent manual calibration is performed)

- Shortest measurement interval: 1 minute

- Altitude graph: Past 24 hours

- Manual altitude calibration, Auto altitude calibration using location information²³

- Barometer:

- Measurement range: 260 to 1,100 hPa (7.6 to 32.5 inHg)

- Measurement unit: 1 hPa (0.1 inHg)

- Measurement accuracy: within ±3 hPa (within ±0.1 inHg)

- Atmospheric pressure tendency graph: Past 24 hours

- Barometric pressure measurement interval: 1 minute

- Manual barometric pressure calibration

Tide and Fishing:

Tide graph: Past 12 hours + Next 12 hours

Fishing time (Calculated according to current location, and moon hour angle and age.)

Sunrise/sunset:

Sunrise/Sunset times (Current location sunrise/sunset)

Sunrise/Sunset directions: Accuracy depends on compass

My Graph⁴ :

Daily activity pattern: Stopped, walking, running, vehicle

Calories burned, Steps, Altitude (Highest altitude achieved that day),

Workout time

- Screen brightness setting: 5 levels
- Watch battery level indicator: Integer value, 0 to 100%
- Charger (AC adaptor):
INPUT: AC 100 V to 240 V 50 Hz/60 Hz
OUTPUT: 5.0 V
- Charger cable:
Length: Approximately 0.75 m (2.46 ft)
Type: AC adaptor USB Type A
- Included accessories: Charger (AC adaptor), Special charger cable, Cloth band/Band replacement tool (WSD-F20X only)

- About MIL-STD-810G (United States military standard issued by the U.S. Department of Defense):

Description:

1. Drop
2. Random Vibration
3. Humidity
4. Solar-Radiation
5. Non-Operating Altitude
6. Operating Altitude
7. Non-Operating High Temperature
8. Non-Operating Low Temperature
9. Temperature Shock
10. Icing Freezing Rain

Procedure: MIL-STD-810G, w/change1

- 1: Method 516.7 Procedure IV
- 2: Method 514.7 Procedure I
- 3: Method 507.6 Procedure II
- 4: Method 505.6 Procedure II
- 5: Method 500.6 Procedure I
- 6: Method 500.6 Procedure II
- 7: Method 501.6 Procedure I
- 8: Method 502.6 Procedure I
- 9: Method 503.6 Procedure I -C
- 10: Method 521.4 Procedure I

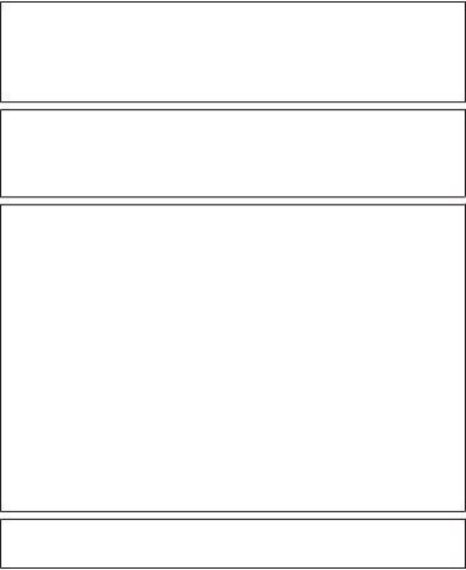
Attention:

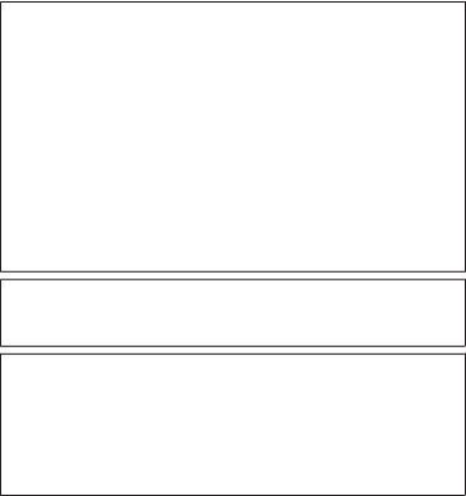
The functions of this watch have been confirmed under test environments, but no guarantees are made concerning operation under all environments where it may be used. Also, no guarantees are made concerning the ability of the watch to withstand damage or malfunction.

- Phones & tablets that work with Wear OS by Google⁵
Android 4.4+ (excluding Go edition)⁶ or iOS 9.3+^{6,7}. Supported features may vary between platforms.
Visit g.co/wearcheck on your Android phone or iPhone[®] to see if it's compatible.

- *1 CASIO test conditions
- *2 GPS altitude information is used, so the indicated altitude may not exactly match the actual above sea level elevation or altitude.
- *3 In order to be able to use these functions your Android phone must have the CASIO MOMENT SETTER+ app installed, and there must be a connection between the phone and watch. These functions are not supported in the case of iOS.
- *4 Default: OFF
- *5 For models for which operation has been confirmed, refer to the Google check page.
<https://wearos.google.com/wearcheck>
- *6 Recommended. However, a WSD-F10, F20, F20S, or F20X watch that is already paired with a smartphone running Android 4.3+ or iOS 9+ can also be used.
- *7 Limited functionality when connected to iOS device.
- *8 Available only while the watch is connected with an Android phone.







W A S H I N G T O N