

WSD-F10

User's Guide

Thank you for purchasing this watch.

Before trying to use this watch, be sure to read the Safety Precautions in the Quick Start Guide that comes with the watch. Make sure you use the watch correctly.

Be sure to keep this manual handy for future reference.

- This watch can pair with a smartphone, tablet, or other device (all referred to as “smartphone” in this manual) running Android™ 4.3 or above or iOS 8.2 or above. The operations and other details of your watch and smartphone may differ from those described in this manual, depending on the smartphone's operating system type or version, the version of Android Wear™ installed on the smartphone, and the version of Android Wear operation system running on this watch.

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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.

Contents

Watch Features	EN-4
Measurement Functions	EN-6
Overview	EN-8
Getting Ready	EN-9
Pairing with Another Smartphone	EN-13
Basic Operations (Android Wear)	EN-14
Turning Power On or Off	EN-14
Home Screen	EN-15
Wake Up	EN-15
Home Screen Icons	EN-15
Using the Settings	EN-16
Notifications (Card and Vibration)	EN-18
Incoming Phone Call Notifications	EN-20
Temporarily Blocking All Notifications and Disabling the Backlight (Theater mode)	EN-20
Temporarily Boosting Touch Screen Brightness	EN-21
Controlling the Watch by Voice Commands	EN-21
Using Apps	EN-23
Adding Apps and Watch Faces	EN-26
Available Functions when not Connected to a Smartphone	EN-27
Wi-Fi connectivity	EN-28
Restoring Connection with a Smartphone	EN-28
Smartphone Location Information Settings	EN-29
Doze Mode	EN-29

Watch Faces	EN-30
To change the watch face	EN-30
CASIO Watch Faces	EN-31
CASIO Watch Face Settings	EN-38
Using the TOOL App (TOOL Button)	EN-42
Basic TOOL App Operations	EN-45
TOOL App Color Display and Monochrome Display	EN-47
Using Compass	EN-48
Using Barometer	EN-51
Using Altimeter	EN-54
Using Sunrise/sunset (When connected with an Android smartphone only)	EN-60
Using Tide Graph (When connected with an Android smartphone only)	EN-63
Using My Graph (When connected with an Android smartphone only)	EN-69
Using the APP Button	EN-73
Using the Activity App (When connected with an Android smartphone only)	EN-74
Basic Activity App Operations	EN-75
Screen while Measurement is in Progress	EN-79
Common CASIO App and CASIO Watch Face Settings	EN-82
Performing Compass Calibration (Magnetization Correction)	EN-82
Calibrating Barometric Pressure Readings	EN-83
Calibrating Altitude Readings	EN-85
Changing the Monochrome Display Setting	EN-89
Changing the Unit Setting	EN-90

Using the CASIO MOMENT SETTER+ App on a Smartphone (Android Only)	EN-91
Installing the CASIO MOMENT SETTER+ App on a Smartphone	EN-92
Watch Face Switching and Advanced Setting Configuration	EN-93
TOOL Button and TOOL App Settings	EN-95
APP Button Settings	EN-97
Registration Details	EN-98
Using MOMENT SETTER	EN-99
Using the Timepiece App	EN-106
Monochrome LCD Screen	EN-109
Error Code and Error Message List	EN-115
Restoring Watch Operation	EN-116
Precautions During Use	EN-117
User Maintenance	EN-124
Main Specifications	EN-126
Chargeable Battery Handling	EN-132
Supplementary Information	EN-133

Watch Features

This watch is a wearable terminal Powered by Android Wear. In addition to basic Android Wear capabilities to link up with a smartphone running Android 4.3 or above or iOS 8.2 or above, your watch is also designed to provide you with the toughness and performance expected from a piece of outdoor gear.

Five-atmosphere Water Resistance + MIL-STD (United States Department of Defense Military Standard)

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, skiing, snowboarding, and more.

Dual-layer LCD for Improved Readability

Your watch has both a color LCD and a monochrome LCD. 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.

Dedicated Function Buttons

Each press of the **TOOL button** cycles through compass, altitude, and other outdoor functions, while the **APP button** accesses a particular app. The functions assigned to the TOOL button and their recall sequence, and the app assigned to the APP button can be specified with an Android smartphone.

Special “CASIO MOMENT SETTER+” App for Even Greater Versatility

Android smartphone users can get the “CASIO MOMENT SETTER+” app from the Google Play™ Store. This app lets you use your Android smartphone screen to configure detailed display settings and button function settings. A “MOMENT SETTER” function lets you configure the watch to display timely notifications to support your outdoor activities. While mountain climbing, for example, you can have the watch let periodically know how many meters there are to your target altitude based on information picked up by the sensor and current position information.

Linking with an EX-FR100 Camera

Your watch can link with a CASIO EX-FR100 camera so you can control camera operations from the watch.

For details, visit the CASIO website below.

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

Measurement Functions

Your watch can take barometric pressure, altitude, bearing, and other readings. Its built-in watch faces and applications can use readings for display and other useful functions. Note that this watch is not a special purpose measuring instrument. Readings produced by measurement functions are intended as general reference information only.

Compass (Bearing Measurement)

For serious mountain climbing and other activities that require accurate bearing readings, take along a highly reliable compass to use in combination with the watch's compass.

Important!

- Note that accurate compass readings and/or correction will not be possible in the areas described below.
 - In the vicinity of a permanent magnet (magnetic accessory, etc.), metal objects, high-voltage wires, aerial wires, or electrical household appliances (TV, computer, cellphone, etc.)
 - In motor vehicles, on boats, on aircraft, etc.
 - Indoors, especially inside of reinforced concrete structures.

Altimeter, Barometer

The watch's Altimeter use 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)

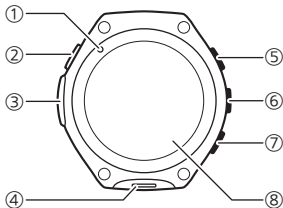
The Tide Graph feature of your watch is intended to provide a rough image of current tide conditions. Do not use its tide information for navigation purposes. For navigation purposes, be sure to use official tide charts issued by a reliable agency or authority for the area you are navigating.

Overview

Package Contents

Watch, AC adaptor, charger cable, Quick Start Guide, warranty

General Guide



- ① Charge LED
- ② Charger terminal
- ③ Pressure sensor
- ④ Microphone
- ⑤ TOOL button
- ⑥ Power button
- ⑦ APP button
- ⑧ Touch screen

Getting Ready

After reading the “Safety Precautions” in the “Quick Start Guide”, perform the steps below. Before using this watch for the first time, perform steps 1. through 4. below in sequence.

1. Charge the Watch

1. Connect the provided charger cable to the AC adaptor, and then plug the AC adaptor into a power outlet.
2. Connect the charger cable to the watch charger terminal.
 - The watch’s charge LED lights red while charging is in progress. The LED changes to green when the watch is fully charged.
 - The watch will turn on automatically when the charge reaches a certain level.



* The shape of the AC adaptor supplied in your geographic area may be different from the one shown in the illustration.

✔ Important!

- To help promote longer battery life, regular charging of the watch (about once a month) is recommended even if you do not use it for a long time.

Note

- After getting ready for operation, use the procedure above to fully charge the watch whenever the battery runs low during normal operation.

2. Install the Android Wear App on a Smartphone

1. Search for “Android Wear” in the Google Play Store if you are using an Android smartphone, or the iTunes App Store if you are using an iPhone.
2. On the list of found apps that appears, select “Android Wear” (Google Inc.) On the screen that appears, tap “INSTALL”.
 - Follow the instructions that appear on the screen to complete the installation.

Important!

- When using this watch while paired with an iPhone there are limitations, such as the ability to add applications to it. For details, go to the website below.

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

3. Install the CASIO MOMENT SETTER+ App on the Smartphone (Android Only)

If you are using an Android smartphone, be sure to install “CASIO MOMENT SETTER+” app in order to be able to use all of the functionality provided by this watch.

On the Android smartphone, go to the Google Play Store, search for “CASIO MOMENT SETTER+”, and then install it.

 **Important!**

- Starting up CASIO MOMENT SETTER+ immediately after installing it may cause the following error message to appear: “The watch is being setup.” This means that installation of the app on the smart watch system (which is triggered automatically when you install the CASIO MOMENT SETTER+ app on your smartphone) is in progress. During this time, the watch screen will go black or watch screen response will become extremely slow. This does not indicate malfunction.

If this happens, wait for a while and then try starting up the CASIO MOMENT SETTER+ app or try operating the watch again. Wait until the “Installation is complete.” notification card is displayed on the watch.

 **Important!**

- Many of the watch’s functions require connection with a smartphone that has been paired with the watch. Keep the watch and phone close to each other. A range of two meters is recommended as a guideline, but the local environment (walls, furniture, etc.), the structure of a building, and other factors may require a much closer range.


4. Configure Settings to Pair with the Smartphone (Pairing)

1. Move the smartphone you want to pair with close to the watch.
 - When configuring pairing settings, it is recommended that you have the smartphone and watch within one meter of each other.
2. On the smartphone, start up the Android Wear app.
 - If your smartphone is already paired with an Android Wear watch or if you are re-pairing with this watch, perform one of the procedures below after starting up the Android Wear app.

Android smartphone:

In the upper left corner of the screen, tap the model name and then tap “Pair with a new watch”.


iPhone:

In the upper right corner of the screen, tap  and then tap “Pair with a new wearable”.

3. Swipe the watch’s touch screen from right to left.
4. Scroll the list of languages that appears upwards or downwards to find the language you want, and then tap it.
5. While reading the guidance that appears on the watch display, swipe it from right to left.
6. Follow the instructions that appear on the watch and smartphone screens to complete the operation.
 - If you experience problems with configuring pairing settings, visit the website below.
<http://support.casio.com/wsd/>
You can also find useful information by tapping “PAIRING HELP” on the Android Wear app screen.

Pairing with Another Smartphone

Your watch can be paired with a single smartphone at any time. Before pairing with a different smartphone, perform the steps below to unpair with the current smartphone.

- 1. Hold down the power button for about two seconds to display a list of apps.**
- 2. Scroll the screen downwards and then tap “Settings”.**
- 3. Scroll the screen downwards and then tap “Unpair with phone”. On the confirmation screen that appears, tap  .**
 - This restarts the watch. Watch restart following the unpair operation takes some time, so you may need to wait for a while.
 - Next, to pair the watch with another smartphone, perform the steps (1. to 4.) under “[Getting Ready](#)”.

Basic Operations (Android Wear)

This section explains basic operations of the Android Wear operating system that your watch uses.

Important!


- Note that the operations described here are subject to change due to the type and version of the operating system being used by the smartphone connected with the watch, changes that occur when the watch's operating system is updated, and other factors. For details about Android Wear operations, visit the website below.

Android Wear Help Center

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

Turning Power On or Off

To turn power off

1. **Hold down the power button for about two seconds to display a list of apps.**
2. **Scroll the screen downwards and then tap “Settings”.**
3. **Scroll the screen downwards and then tap “Power off”.**
On the confirmation screen that appears, tap .

To turn power on

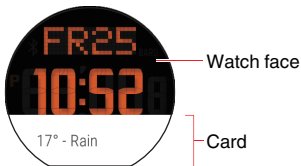
Hold down the power button for about two seconds. When charging the watch, it will also turn on automatically when the charge reaches a certain level.

Important!

- Watch operation may become impossible or unstable immediately after turning on the watch and immediately after connection with a smartphone. If this happens, wait for a while and then try performing the desired operation again.

Home Screen

The watch face screen is the Home Screen, which is the starting point of a variety of different operations. While the Home Screen is displayed, you can view notifications on a “card”, and launch operations using voice commands. The screenshot below shows the Home Screen with a card displayed.



Wake Up

If you don't tap the touch screen for a few seconds, the watch screen will dim. To wake up the watch and restore it to normal brightness, tap the touch screen, press the power button, or simply turn your wrist towards you. Also note that the watch screen will dim immediately if you press the power button while it is normal brightness.

Home Screen Icons

Icons appear on the Home Screen to indicate the status of the watch. Some of the options that are used are shown below.

📶 No smartphone connection

⚡ Charging

✈️ Airplane mode ON

Using the Settings

Settings can be used to adjust touch screen brightness and other settings, to unpair with a smartphone, and perform other operations.

You can use any of the operations below to start up Settings.

- Hold down the power button for about two seconds to display a list of apps. Next, tap “Settings”.
- On the Home Screen, swipe downwards from the top. On the screen that appears, swipe from right to left until “Settings” is displayed, and then tap “Settings”.

The table below explains what you can do with Settings.

Adjust brightness	Use this setting to select a value that sets the touch screen brightness.
Change watch face	Use this setting to select the watch face that appears on the Home Screen.
Font size	Use this setting to select one of three system font sizes.
Gestures	Specifies whether or not watch operations can be performed by rotating the wrist.
Always-on screen	When this setting is turned OFF, the watch face will change from a color screen to a monochrome screen after a period of non-use.
Wi-Fi	Toggles the Wi-Fi setting between "Automatic" and "OFF". When Wi-Fi is enabled, you can also configure Wi-Fi settings.
Bluetooth	Pairs with and unpairs from a nearby Bluetooth terminal.
Airplane mode	Toggles the Airplane mode between ON and OFF.
Accessibility	Toggles zoomed screen operation between enabled and disabled. When this setting is enabled, tapping the touch screen three times in succession will zoom at the tapped location. Tapping three times in succession again will return the screen to normal size.
Date & time	Specifies whether or not to sync the watch settings with the smartphone's date, time, and time zone settings.
Screen lock	Use this setting to select "Automatic" or "OFF" for screen lock. When screen lock is enabled, the watch will go to sleep and lock some time after you remove it from your wrist. To unlock the watch after it goes to sleep, you need to draw the unlock pattern you specified when you enabled screen lock.
Lock screen now	This item is available only when "Automatic" is selected for "Screen lock". Selecting "Lock screen now" immediately puts the watch to sleep.
Permissions	Configures settings for rights to access each app.
Unpair with phone	Deletes the pairing settings of the currently connected smartphone and restores watch settings to their initial factory defaults.
Restart	Restarts the watch.
Power off	Turns off watch power.
About	Displays the following information about the watch: software version, serial number, regulatory information, etc.

Notifications (Card and Vibration)

When the watch receives a notification from the smartphone (incoming mail, Google Now™ notification, app notification, etc.), the watch displays a card and vibrates. Smartphone and watch settings can be configured to control what is notified and how notification is performed.

Note

- Notification settings and operations depend on the connected smartphone operating system and versions, and other factors. For details about notification settings, see the help provided by your smartphone and visit the Android Wear Help Center (<https://support.google.com/androidwear/>).

Cards

Cards appear at the bottom of the Home Screen to keep you informed about a variety of information. If not all of the contents of a mail message, SMS message, or other message does not fit within a card, you can tap the card and then swipe to scroll the displayed text. With some cards, swiping from right to left will display detailed information or operation buttons.

To browse through cards

If the watch received multiple notifications, you can sequentially browse through cards by swiping the currently displayed card upwards. Swiping downwards browses back to previous cards.


To hide and re-show cards

While the first card in the series is displayed on the Home Screen, swipe downwards to hide the cards. To re-show the cards, swipe upwards from the bottom of the Home Screen.


Blocking Notifications

You can block or unblock notifications from a particular app, or even temporarily block all notifications.

To block notifications from a particular app

1. On the Home Screen, display a card received from the app.
2. Swipe from right to left until “Block app” is displayed, and then tap it.
3. In response to the confirmation message that appears, tap .

To unblock notifications

1. Open up the Android Wear app on your smartphone.
2. Tap .
3. Tap “Block app notifications”.

Important!

- Blocking notification from any CASIO app will block notification from all CASIO apps. Also, unblocking CASIO MOMENT SETTER+ app notifications unblocks all CASIO app notifications.

To block all notifications temporarily

See [“Temporarily Blocking All Notifications and Disabling the Backlight \(Theater mode\)”](#).

Incoming Phone Call Notifications

When a phone comes in on the smartphone, the watch displays a notification and vibrates. If the caller's number is registered in contacts, the watch will display the caller's name and image (when one is available).

To accept the incoming call, swipe the touch screen from right to left. You will then be able to talk with the caller on the smartphone.

To reject an incoming call, swipe the touch screen from left to right.

You can also respond with a message using one of the preset responses.

Temporarily Blocking All Notifications and Disabling the Backlight (Theater mode)

Pressing the power button twice in quick succession will enter the watch's Theater mode. This switches to the monochrome screen, and temporarily disables the backlight and blocks notifications.

The watch remains in the Theater mode even if you tap the touch screen or move the watch.

You can also perform the steps below to enter the Theater mode.

- 1. Swipe downwards from the top edge of the Home Screen.**
- 2. Swipe from right to left until "Theater mode" is displayed, and then tap it.**

To exit the Theater mode

Press the power button.

Temporarily Boosting Touch Screen Brightness

Press the power button three times in quick succession to boost touch screen brightness for about five seconds. You can also perform the steps below.

- 1. Swipe downwards from the top edge of the Home Screen.**
- 2. Swipe from right to left until “Brightness boost” is displayed, and then tap it.**

Controlling the Watch by Voice Commands

You can use voice commands to the watch to perform operations such as those below.

- Creating memos, configuring reminder, alarm, and timer settings
- Checking appointments
- Responding to mail and SMS messages
- Checking temperature, sports, movies, and other information
- Looking up the meanings of words, translating terms
- Converting between different units and currency units

To start a voice command operation

While the Home Screen is displayed, say “OK Google” while facing the watch. This will display the “Speak now” prompt. Or you could swipe the Home Screen from right to left until “Speak now” is displayed,

You can control the watch with voice commands while “Speak now” is displayed.

Note

- Scrolling the screen downwards while “Speak now” is displayed will display a list of the voice commands, such as “Take a note”. Tapping an item in the list will start up the app associated with it. For example, tapping “Stopwatch” will start up the Stopwatch app.
- For information about languages that are supported for voice commands, visit the Android Wear Help Center (<https://support.google.com/androidwear/>). Use your smartphone to change the watch’s language setting.

Using Apps

The applications below are built into the watch under factory default settings.

APP Button	CASIO app. Use this app to specify the app that starts up when the watch's APP button is pressed.
Fit	Fitness application. Records and displays number of steps or activity (walking, running, bicycling, etc.) specific times and distances, and calories burned.
Google	Voice recognition app. Starting up this app displays "Speak now" on the screen.
Together	This is a Google™ communication app that lets you send and receive emoji and notes, and share activity (now jogging, etc.) information with other Android Wear watches.
Alarm	Watch alarms. The watch displays an indicator and vibrates when the alarm time is reached.
Stopwatch	Watch stopwatch.
Find my phone	Sounds the paging tone of the smartphone paired with the watch (only while the watch and smartphone are connected).
Flashlight	Brightly illuminates the entire touch screen.
Timer	Countdown timer of the watch.
Timepiece	CASIO app that displays a monochrome timekeeping screen, and disables notifications and other Android Wear functions. See " Using the Timepiece App " for details.
TOOL	CASIO app that includes the following functions: "Compass", "Barometer", "Altimeter", "Sunrise/sunset", "Tide Graph", "My Graph".
Agenda	Shows appointments created with an Android smartphone calendar.
Weather	Shows weather information for your current location based on position information acquired by the smartphone connected to the watch.
Translate	Translates and displays terms or phrases input with voice recognition.
Settings	Android Wear Settings app.

Note

- Depending on the smartphone the watch is paired with, some of the apps in the list above may not be available, and/or apps other than those above may be available.

To start up an app

- 1. Hold down the power button for about two seconds to display a list of apps.**
- 2. Scroll the list of apps upwards or downwards until the one you want is displayed, and then tap it.**

Note

- You can start up the watch's TOOL app by pressing the TOOL button. Pressing the APP button will start up the app currently assigned to the button.

App Operation Examples



Example Operation 1: Using Stopwatch

- 1. Hold down the power button for about two seconds to display a list of apps. Next, tap “Stopwatch”.**
- 2. To start measurement, tap ►.**

Example Operation 2: Using Flashlight

- 1. Hold down the power button for about two seconds to display a list of apps. Next, tap “Flashlight”.**
 - This brightly illuminates the entire touch screen.
 - To temporarily turn off the light, tap the touch screen. To turn the light back on, tap the touch screen again.
- 2. To exit Flashlight, swipe the touch screen from left to right or press the power button.**

Example Operation 3: Searching for your smartphone (by sounding the smartphone’s paging tone)

- 1. Hold down the power button for about two seconds to display a list of apps. Next, tap “Find my phone”.**
- 2. The smartphone’s paging tone will start to sound about five seconds after the message “About to ring...” appears on the watch.**
 - To cancel the paging tone operation, tap  or swipe the touch screen from left to right within the five seconds before it starts to sound.
 - To stop the paging tone once it starts, tap  on the message screen.

Adding Apps and Watch Faces

If your watch is connected with an Android smartphone, you can add watch apps and watch faces.

Perform one of the operations below on your Android smartphone.

- Go to the Android Wear app and tap “Watch faces [MORE]” or “Essential watch apps [MORE]”.
- Go to Google Play Store and search for “Android Wear Apps” or “Android Wear Watch Faces”.
- In Google Play Store, go to categories and select “Android Wear”.

Important!

- Though an Android Wear app can be used to add some watch faces when connected with an iPhone, the selection of faces is limited. Also note that apps cannot be added in the case of an iPhone.

Available Functions when not Connected to a Smartphone

The functions listed below can be used on the watch even when it is not connected with a smartphone.

- Date and time display
- Some TOOL app functions (Compass, Barometer, Altimeter)
- Watch face switching
- Airplane mode switching
- Alarms
- Stopwatch
- Timer
- Pedometer display
- Listen to music using Bluetooth headset if music is synced to the watch
- Flashlight
- Show agenda (from last sync)

Important!

- Voice command operations are not supported when the watch is not connected with a smartphone. In this case, perform watch operations using the touch screen and watch buttons.

Wi-Fi connectivity

For Android smartphones, you will have access to the greatest number of watch functions while it is connected to Wi-Fi and the smartphone is connected to the Internet. However, note that when using a Wi-Fi connection you need to be aware of the watch's battery level and your surrounding environment. A low battery or extreme cold can cause Wi-Fi operation to shut down automatically to protect the watch's system.

Restoring Connection with a Smartphone

In rare cases, you may not be able to re-establish a Bluetooth connection between the watch and smartphone after the connection is lost for some reason. If this happens, try restarting both the watch and smartphone. If this does not solve the problem, perform the procedure under "[Pairing with Another Smartphone](#)" to unpair the watch and smartphone, and then perform steps 1. and 4. under "[Getting Ready](#)" again.

Important!

- Performing the procedure under "[Getting Ready](#)" again after deleting pairing settings of the watch and smartphone, synchronization between the watch and smartphone will take a very long time. Perform this procedure only when you know you will not need to perform watch and phone operations for some time.

Smartphone Location Information Settings

To use your smartphone's GPS for distance, speed, area, and other measurement settings, perform the following operation on your smartphone: Open "Settings", tap "Location", use the switch to turn "Location" on, and then choose "High Accuracy" mode.

If your smartphone does not have "High Accuracy" setting, turn on its GPS, Wi-Fi, and mobile network (data communication) settings.

Doze Mode

If the watch is left idle for about 30 minutes after you remove it from your wrist it will enter a Doze mode that performs Android Wear operations only intermittently in order to conserve battery power. In Doze mode, the watch displays the current time using a monochrome LCD screen and minimizes communication with your smartphone.

To recover from Doze mode to normal operation, tap the watch's touch screen or press its power button.

Watch Faces

Your watch comes with a total of 19 built-in watch faces: 12 standard Android Wear watch faces, plus seven CASIO original watch faces. You can select any one of these as desired.

To change the watch face

- 1. On the Home Screen, hold your finger on the touch screen for about two seconds until the watch face contracts.**
- 2. Swipe the touch screen from left to right to scroll through the available watch faces. When the one you want is displayed, tap it.**
 - This operation can be used to scroll through CASIO watch faces and other available watch faces.

CASIO Watch Faces

Details about the CASIO watch faces that come built in are described below. All of the screens below are those produced when there is a connection between the watch and a smartphone.

2 Layers

Watch face that combines easy-to-read monochrome LCD and a color LCD.



Authentic

Simple analog watch face. Three dials.

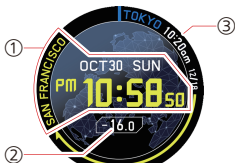
Holding your finger on a dial (except for the ② 24-hour dial) for a short while will cause the dial to cycle to the next type of data that can be displayed there. Note that if you hold your finger down too long, the watch face will contract and enable other watch face settings (see “[To change CASIO watch face settings](#)”).



- ① Altimeter
- ② 24-hour timekeeping
- ③ Compass

World Time

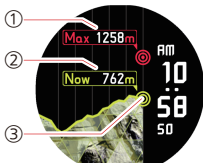
Shows the time in your current time zone and your Home City.



- ① Current location time and date, and city name (time zone name)
- ② Time differences between current location and Home City
- ③ Home City current time and date, and city name (time zone name)

Altitude

Shows the high altitude recorded on the watch, and altitude changes for the past 24 hours.

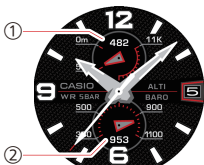


- ① High altitude recorded on the watch to date
- ② Current altitude
- ③ Altitude changes for the past 24 hours (graph)

Field

Casual analog watch face. Two dials.

Holding your finger on a dial for a short while will cause the dial to cycle to the next type of data that can be displayed there. Note that if you hold your finger down too long, the watch face will contract and enable other watch face settings (see “[To change CASIO watch face settings](#)”).



- ① Altimeter
- ② Barometer

Multi

Casual digital watch face. Three dials.

Holding your finger on a dial for a short while will cause the dial to cycle to the next type of data that can be displayed there. Note that if you hold your finger down too long, the watch face will contract and enable other watch face settings (see “[To change CASIO watch face settings](#)”).



- ① Altimeter
- ② Barometer
- ③ Compass

Combination


Combination display of a color altitude graph and analog watch.



- ① Altitude changes for the past 24 hours (graph)
- ② Current barometric pressure
- ③ Current altitude
- ④ High altitude recorded on the watch to date

Compass Calibration (Magnetization Correction)

To ensure proper operation of the watch's compass, you need to perform magnetization correction whenever the "Perform magnetization correction." card appears while the "Authentic", "Field", or "Multi" watch face is displayed. Perform the steps below.

- 1. Swipe the "Perform magnetization correction." card from right to left.**
- 2. Tap .**
- 3. While wearing the watch, move your arm so the watch faces front, back, left, and right until "Calibration complete" appears on the display.**
 - View the messages and animation that appear on the watch display to get an idea of how you need to move the watch.

Important!

- Whenever the watch's battery charge level is less than 5%, the watch will automatically switch to the monochrome LCD watch face when screen illumination dims after the prescribed period of non-use. Waking up the watch will return to the original watch face.
- Refer to the following for information about correcting data displayed by CASIO watch faces: "[Calibrating Barometric Pressure Readings](#)" (barometer), "[Calibrating Altitude Readings](#)" (altimeter), and "[Performing Compass Calibration \(Magnetization Correction\)](#)" (compass).
- Some watch face functions may not be available when the watch is connected with an iPhone.

CASIO Watch Face Settings


Many CASIO watch face settings affect both the watch face and CASIO apps. For example, if you use the watch face operation to change the “Monochrome Display” setting, the change will also be reflected by CASIO apps.

This section explains how to use watch face operations to access settings that also affect CASIO apps.

Note

- For information about changing the data that appears in watch face dials, see the explanations for the “Authentic”, “Field”, and “Multi” watch faces under “[CASIO Watch Faces](#)”.
- Note that the CASIO MOMENT SETTER+ (Android only) smartphone app can also be used to change CASIO watch face display settings (data displayed by a dial, background color). For details, see “[Watch Face Switching and Advanced Setting Configuration](#)”.


To change CASIO watch face settings

- 1. While a CASIO watch face is displayed, hold your finger on the touch screen for about two seconds until the watch face contracts.**
- 2. Tap .**
 - This displays a CASIO setting menu.
- 3. Tap the menu item for the setting you want to change.**
 - The table below describes the menu items that appear for each watch face. For details, refer to the section indicated for each menu item.


Watch Face	Menu Item
2 Layers	<ul style="list-style-type: none"> • Monochrome Display (See “Changing the Monochrome Display Setting”.)
World Time	<ul style="list-style-type: none"> • Home City (See “To specify the home city for the “World Time” watch face”.)
Altitude	<ul style="list-style-type: none"> • Altitude Calibration (See “Calibrating Altitude Readings”.) • Correct Altitude Using Location^{*1} (See “Calibrating Altitude Readings”.) • Units (See “Changing the Unit Setting”.) • MAX Altitude Reset (See “To reset the high altitude value displayed by the “Altitude” and “Combination” watch faces”.)
Authentic Field Multi	<ul style="list-style-type: none"> • Compass Calibration (See “Performing Compass Calibration (Magnetization Correction)”.) • Altitude Calibration (See “Calibrating Altitude Readings”.) • Correct Altitude Using Location^{*1} (See “Calibrating Altitude Readings”.) • Barometric Pressure Calibration (See “Calibrating Barometric Pressure Readings”.) • Units (See “Changing the Unit Setting”.) • Edit Color
Combination	<ul style="list-style-type: none"> • Altitude Calibration (See “Calibrating Altitude Readings”.) • Correct Altitude Using Location^{*1} (See “Calibrating Altitude Readings”.) • Barometric Pressure Calibration (See “Calibrating Barometric Pressure Readings”.) • Units (See “Changing the Unit Setting”.) • MAX Altitude Reset (See “To reset the high altitude value displayed by the “Altitude” and “Combination” watch faces”.)

*1 “Correct Altitude Using Location” is displayed only when the watch is connected to an Android smartphone that has CASIO MOMENT SETTER+ installed.

To specify the home city for the “World Time” watch face

1. Use the procedure under **“To change the watch face”** to change the watch face to **“World Time”**.
2. Hold your finger on the touch screen for about two seconds. When  appears, tap it.
3. Tap **“Home City”**.
4. **What happens next depends on the type of smartphone that is connected with the watch.**
 - Android smartphone:
Tapping **“Home City”** in step 3 automatically displays the home city selection screen of the CASIO MOMENT SETTER+ app on the smartphone. The home city you select on your smartphone will also be reflected on the watch.
 - iPhone:
Tapping **“Home City”** in step 3 immediately displays the home city selection screen on the watch. Scroll the list of cities upwards and downwards to display the city you want, and then tap it.

To reset the high altitude value displayed by the “Altitude” and “Combination” watch faces

- 1. Use the procedure under “[To change the watch face](#)” to change the watch face to “Altitude” or “Combination”.**
- 2. Hold your finger on the touch screen for about two seconds. When  appears, tap it.**
 - Performing the step below will reset the high altitude value (shared by the “Altitude” and “Combination” watch faces) stored in watch memory. To cancel this procedure at this point without resetting the value, press the power button.
- 3. Tap “MAX Altitude Reset”.**
 - Note that resetting does not change the setting to 0 meters. It changes high altitude value to the highest altitude attained over the past 24 hours.

Using the TOOL App (TOOL Button)

The TOOL app is a built-in app by CASIO. It provides the six functions described below.

Compass

Indicates directions and your bearing.



Altimeter

Measures altitude. You can also view changes in altitude over the past 24 hours as a graph.



Barometer

Measures barometric pressure. You can also view changes in barometric pressure over the past 24 hours as a graph.



Sunrise/sunset ^{*1}

Shows the sunrise and sunset times and azimuths for your current location.



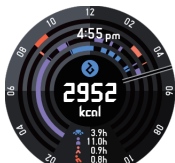
Tide Graph ^{*1} ^{*2}

Shows a tide graph of a preset point (port). This can be used as reference information for fishing.



My Graph *1 *2

Graphically represent the amount of time during the current date spent engaging in the following activities: resting, walking, running, riding.



- *1 Can be used only while the watch is connected with an Android smartphone that has CASIO MOMENT SETTER+ app installed. Cannot be used with an Android smartphone without CASIO MOMENT SETTER + app installed or with an iPhone.
- *2 Requires configuration of settings using CASIO MOMENT SETTER+ app. See "[TOOL Button and TOOL App Settings](#)" for details.

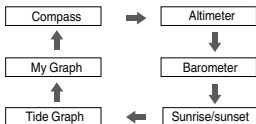
Basic TOOL App Operations

To start up the TOOL app

Press the TOOL button.

To select a TOOL app function


While the TOOL app is running, each press of the TOOL button cycles through available functions. You can also scroll through functions by swiping the touch screen upwards or downwards.



Note

- My Graph, Tide Graph, and Sunrise/sunset are displayed only while the watch is connected with an Android smartphone. Note, however, that My Graph display is disabled under initial default watch settings, regardless of whether or not the watch is connected with an Android smartphone.
- You can use the CASIO MOMENT SETTER+ smartphone app (Android only) to specify which tools are called up and their call up sequence when the TOOL button is pressed. See “[TOOL Button and TOOL App Settings](#)” for details.

To change TOOL app settings

1. While the TOOL app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
2. Tap .
 - This displays a CASIO setting menu.
3. Tap the menu item for the setting you want to change.
 - The table below describes the items displayed on the menu. For details, refer to the section indicated for each menu item.

Menu Item	Refer to:
Altitude Calibration	Calibrating Altitude Readings
Correct Altitude Using Location *1	Calibrating Altitude Readings
Barometric Pressure Calibration	Calibrating Barometric Pressure Readings
Port setting *2	-
Monochrome Display	Changing the Monochrome Display Setting
Units	Changing the Unit Setting

*1 “Correct Altitude Using Location” is displayed only when the watch is connected to an Android smartphone that has CASIO MOMENT SETTER+ installed.

*2 Tapping “Port setting” displays the “Tide Graph point” screen of the CASIO MOMENT SETTER+ app on your smartphone. See “[TOOL Button and TOOL App Settings](#)”.

To exit the TOOL app

Swipe the touch screen from left to right as many times as necessary to return to the Home Screen (the watch face screen). The TOOL app also will shut down automatically and return to the Home Screen after about one minute of non-use.

TOOL App Color Display and Monochrome Display

You can switch the TOOL app screen between color display and monochrome display. Outdoors in bright sunlight, the monochrome display provides better readability than the color display.

To switch between color display and monochrome display

Hold down the TOOL button for about three seconds.

You can use any of the following operations to return to the color display; Hold down the TOOL button for about three seconds; Tap the touch screen; Swipe in any direction.

Using Compass

Compass indicates direction and your bearing as shown below.

Color Display



Monochrome Display



- ① The center of the face shows letters* indicating the bearing that the watch's 12 o'clock position is pointed, as well as an angle indicating how many degrees there are between 12 o'clock and north (0°).
- ② Arrow indicating north.
- ③ Letters* indicating the bearing that the watch's 12 o'clock position is pointed.
- ④ Angle indicating how many degrees there are between the watch's 12 o'clock position and north (0°).
- ⑤ Current time.

* N: North, E: East, S: South, W: West. "NW" indicates northwest.

To lock the direction

You can use Compass to lock the indicated direction to help you maintain a specific bearing while trekking, etc. While the watch's 12 o'clock position is pointed in the direction you want, tap the touch screen.



* If the watch's 12 o'clock position deviates from the locked direction, the amount of the deviation will be indicated in blue, as shown here.

To unlock a direction, tap the touch screen again.

Compass Calibration (Magnetization Correction)

When the message "Perform magnetization correction." appears on the compass screen, it means that you need to perform magnetization correction of the watch. Move your arm so the watch faces front, back, left, and right. An animated message will appear on the watch display to give you an idea of how you need to move the watch. Keep moving your arm until the message disappears, indicating that magnetization correction is complete.

Note

- The watch normally performs magnetization correction automatically. You only need to perform the above operation when the message appears.

Magnetic North and True North

North indicated by this watch under initial default settings is magnetic north. If you want the watch to indicate true north, you need to use an Android smartphone to configure required settings. See “[TOOL Button and TOOL App Settings](#)” for details.

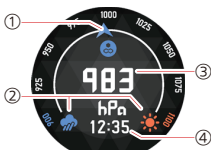
Important!

- Magnetic north is always indicated while the watch is connected with an iPhone. Changing to true north is not supported in this case.

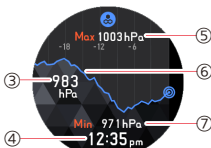
Using Barometer

Your watch displays barometric pressure based on readings taken by a built-in barometric pressure sensor.

Color Display



Barometer screen



Barometric pressure graph screen

Monochrome Display



- ① Current barometric pressure indicated by an arrow. The range of scale values shown will change in accordance with the current barometric pressure.
- ② Shown when the barometric pressure is within the range of 900 to 1,100 hPa. Shows barometric pressure at ground level and the correlation of weather index (improved whether when pressure rises from 1,000 hPa, deteriorating weather when pressure drops from 1,000 hPa).
- ③ Current barometric pressure.
- ④ Current time.
- ⑤ High barometric pressure over the past 24 hours.
- ⑥ Graph of barometric pressure change over the past 24 hours (Horizontal Axis: Time; Vertical Axis: Pressure). The rightmost point indicates the current value.
- ⑦ Low barometric pressure over the past 24 hours.
- ⑧ Graph of barometric pressure change over the past 23 hours (Horizontal Axis: Time; Vertical Axis: Pressure).
- ⑨ Current barometric pressure.
- ⑩ Current time.

To switch the color display screen

On the barometer screen, swiping from right to left changes to the barometric pressure graph. Swiping the graph screen from left to right displays the barometer screen.

Calibrating Barometric Pressure Readings Manually

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 if you notice that readings are very different from those from other sources. For details, see "[Calibrating Barometric Pressure Readings](#)".

Measurement Range and Units

Your watch measures barometric pressure within the range of 260 to 1,100 hPa (or 7.6 to 32.5 inHg), in units of 1 hPa (or 0.1 inHg).

Barometer Precautions

- The barometric pressure graph produced by this watch can be used to obtain an idea of upcoming weather conditions. Note that this graph provides only a rough idea of barometric pressure trends, and it is not intended for official weather predictions or reporting activities.
- Pressure sensor readings can be affected by sudden changes in temperature. Because of this, there may be some error in the readings produced by the watch.

Using Altimeter

Your watch displays relative altitude values based on air pressure readings taken by a built-in pressure sensor.

Color Display



Altimeter screen



Altitude graph screen

Monochrome Display



- ① Current altitude indicated by an arrow. The range of scale values shown will change in accordance with the current altitude.
- ② Current altitude.
- ③ Current time.
- ④ High altitude over the past 24 hours.
- ⑤ Graph of altitude change over the past 24 hours (Horizontal Axis: Time; Vertical Axis: Altitude). The rightmost point indicates the current value.
- ⑥ Low altitude over the past 24 hours.
- ⑦ Graph of altitude change over the past 23 hours (Horizontal Axis: Time; Vertical Axis: Altitude).
- ⑧ Current altitude.
- ⑨ Current time.

To switch the color display screen

On the altimeter screen, swiping from right to left changes to the altitude graph. Swiping the graph screen from left to right displays the altimeter screen.

Calibrating Altitude Readings Manually

Frequent “Altitude Calibration” by manually inputting locally indicated altitude values is recommended in order to lessen the difference between altitude readings produced by this watch and those shown by local indications. For details, see [“To perform altitude reading calibration manually”](#).

Before Using Altimeter

- You can configure the watch's Altimeter to use smartphone position information (GPS) to correct altitude readings automatically. To use auto altitude correction, you need to first perform the following operation (Android smartphone only): Open "Settings", tap "Location", use the switch to turn "Location" on, and then choose "High Accuracy" mode.
- The altitude displayed by your watch is a relative value calculated based on barometric pressure. Because of this, measurements taken at different times at the same location may produce different reading, 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 Altimeter while mountain climbing, it is recommended that you regularly correct the watch's altitude measurement in accordance with the local altitude (elevation) indications.
- 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.

Measurement Range and Units

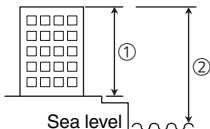
Your watch measures altitude within the range of -700 to 10,000 meters (or -2,300 to 32,800 feet), in units of 1 meter (or 5 feet).

Altimeter Precautions

- Do not use this watch while skydiving, hang gliding, paragliding, gyrocopter flying, glider flying, or engaged in other activities where altitude changes suddenly.
- Altitude readings produced by this watch are not intended for special-purpose or industrial level use.
- In an aircraft, the watch measures the in-cabin pressurized air pressure, so readings will not match altitudes announced by the crew.
- Large changes in barometric pressure due to atmospheric conditions, large temperature changes, or subjecting the watch to strong impact may make correct readings impossible.

Displayed Altitude Values (Relative Altitude)

The two ways to express altitude are described below.



Relative Altitude:

This is the difference in the altitudes between two locations.

Example: Height measured from the ground to the top of a building (①)

Sea Level Altitude (Elevation):

Altitude measured from sea level.

Example: Height measured from sea level to the top of a building (②)

The altitude readings produced by your watch are relative altitudes, based on the fact that barometric pressure drops as altitude increases. The altitude values displayed by your watch are based on International Standard Atmosphere (ISA) relative altitude data defined by the International Civil Aviation Organization (ICAO).

Using Sunrise/sunset (When connected with an Android smartphone only)

Shows the sunrise and sunset times and directions for your current location.

Color Display



Time Screen



Azimuth Screen

Monochrome Display



- ① Sunrise time.
- ② Nautical twilight start time before sunrise.
- ③ Sunset time.
- ④ Nautical twilight end time after sunset.
- ⑤ Current time.
- ⑥ Arrow indicating north.
- ⑦ Sunrise azimuth and time.
- ⑧ Sunset azimuth and time.
- ⑨ Alternates at 10-second intervals between sunrise time and sunset time.
☀️RISE is displayed for the sunrise time, while 🌇SET is displayed for the sunset time.
- ⑩ Current time.

To switch the color display screen

On the time screen, swiping from right to left changes to the azimuth screen. Swiping the azimuth screen from left to right displays the time screen.

Before Using Sunrise/sunset

This function uses smartphone location information. Be sure to perform the following operation: Open "Settings", tap "Location", use the switch to turn "Location" on, and then choose "High Accuracy" mode.

Nautical Twilight

Twilight is the time when the sky brightens as the sun is at or just below the horizon (water horizon or visible horizon). There are actually three types of twilight: nautical twilight, civil twilight, and astronomical twilight. Nautical twilight is normally defined as occurring is from six to 12 degrees below the horizon.

Using Tide Graph (When connected with an Android smartphone only)

The Tide Graph screen shows tide information for a specific point (port). A Fishing Time screen indicates optimum fishing times based on the Moon age and Moon hour angle of your current location.

Color Display

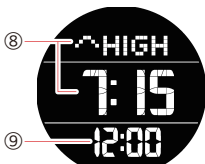


Tide Graph Screen



Fishing Time Screen

Monochrome Display



- ① Shows the next high tide level and time for the 12-hour period starting from the current time.
- ② Graphic indication of tide levels for the previous 12-hour period and the following 12-hour period starting from the current time (24 hours total). Orange characters shows current time and tide level.
- ③ Shows the next low tide level and time for the 12-hour period starting from the current time.
- ④ Shows the predicted optimum fishing time frame for the current date.
- ⑤ The position of the indicator indicates the current Moon position (hour angle). It also indicates the Moon phase based on current Moon age.
- ⑥ Current time.
- ⑦ Fish marks indicate the projected probability of fishing success. The more fish marks, the better the probability.
- ⑧ Alternates at 10-second intervals between high tide time and low tide time. **^HIGH** is displayed for the high tide time, while **vLOW** is displayed for the low tide time.
- ⑨ Current time.

To switch the color display screen

On the Tide Graph screen, swiping from right to left changes to the Fishing Time screen. Swiping the Fishing Time screen from left to right displays the Tide Graph screen.

Before Using Tide Graph










- To use the Tide Graph screen, you need to use the CASIO MOMENT SETTER+ smartphone app (Android only) to specify the point (port) whose tide information you want to view. See “[TOOL Button and TOOL App Settings](#)” for details.
- The information the watch displays on the Fishing Time screen is calculated based on your current location. It is not affected by the watch’s point (port) setting. This means that Fishing Time screen information can be used for both saltwater and fresh water fishing.
- Keep in mind that the Tide Graph screen shows information about the currently selected point (port), while Fishing Time screen information is based on your current location.

Interpreting Fishing Time Screen Contents

Fish Marks (Projected Probability of Fishing Success Indicators)

The number of fish marks on the Fishing Time screen indicates the projected probability of fishing success. Anywhere from zero to four fish marks are displayed, and more fish marks indicate that better success can be expected. Note however, that this in no way specifically guarantees your fishing success.

The fish mark indicator display is based on the current Moon age and Moon position (time angle). Fishing timing is said to be best when the Moon age is new Moon or full Moon, and second best during the Moon's first quarter and last quarter. For the Moon time angle, 00:00 and 12:00 is said to be optimal, while 06:00 and 18:00 is said to be second best. The correlation of these factors results in the fish mark indications shown below.

	Hour Angle 00:00/12:00 Hour	Hour Angle 06:00/18:00 Hour	Other
New Moon/ Full Moon*			
First Quarter/ Last Quarter			
Other			

* Including Moon ages 26.9 to 28.6, and 12.1 to 13.8.

Note

- Hour angle is one of the coordinates used to give the direction of a celestial body (planet, moon, etc.) point on the celestial sphere. The hour angle directly overhead is 00:00, westward is 06:00, directly downwards is 12:00, and eastward is 18:00.

Current Date's Optimum Predicted Fishing Time Period

The Fishing time Screen shows two orange time periods centered on hour angles 00:00 and 12:00, and two blue time periods centered on hour angles 06:00 and 18:00. Each region indicates periods during which optimum fishing can be expected.

The orange region indicates the best fishing period as predicted by the watch, while the blue region indicates the next best fishing period. The part of a period in the current day that is already passed is indicated by a lighter color, while the darker color indicates the part of the period that has not yet passed. Times indicated by the periods can be read using values around the periphery of the watch face. The 12 o'clock position is noon, while 6 o'clock is midnight.




















- ① Time period centered on a Moon hour angle of 18:00 (Time of 18:00 hour angle = 08:50AM)
- ② Time period centered on a Moon hour angle of 12:00 (Time of 12:00 hour angle = 02:10AM)
- ③ Time period centered on a Moon hour angle of 00:00 (Time of 00:00 hour angle = 02:00PM)
- ④ Time period centered on a Moon hour angle of 06:00 (Time of 06:00 hour angle = 08:05PM)

Current Month's Hour Angle and Moon Age Indications

The location of the Moon indicator on the Fishing Time screen shows the current hour angle of the Moon, while the shape of the indicator shows the current Moon age. In the screen shown above, for example, the current Moon hour angle is 22:00 (12 o'clock position = hour angle 00:00, 6 o'clock position = hour angle 12:00), while the Moon age is 21.3 to 23.1.

The table below shows how Moon age is indicated by the Fishing Time screen indicator.

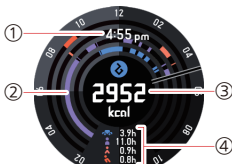
Moon phase	Moon age	Indicator
New Moon	0.0 - 0.9	
	28.7 - 29.5	
	1.0 - 2.7	
	2.8 - 4.6	
	4.7 - 6.4	
First Quarter	6.5 - 8.3	
	8.4 - 10.1	
	10.2 - 12.0	
	12.1 - 13.8	

Full Moon	13.9 - 15.7	
	15.8 - 17.5	
	17.6 - 19.4	
	19.5 - 21.2	
Last Quarter	21.3 - 23.1	
	23.2 - 24.9	
	25.0 - 26.8	
	26.9 - 28.6	

Using My Graph (When connected with an Android smartphone only)

My Graph shows a graphic representation of your activities on the current day. It shows the type of activity you performed and when you performed it.

Color Display



Monochrome Display



- ① Current time.
- ② Circle graph showing the current status of four types of activities starting from midnight of the current day.
- ③ Shows current number of calories burned, starting from midnight of the current day (under default settings). You can also change settings to show number of steps or other information. See “[TOOL Button and TOOL App Settings](#)”.
- ④ Shows the amount of time spent engaged in each type of activity starting from midnight of the current day.
- ⑤ Shows current number of calories burned, starting from midnight of the current day.
- ⑥ Current time.

Before Using My Graph

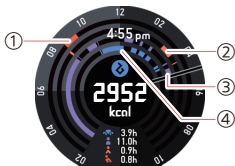
My Graph is disabled (○) under initial default watch settings. You must enable My Graph (☑) if you want to use it. For more accurate calories burned calculation, you should input physical profile information. Use the CASIO MOMENT SETTER+ smartphone app (Android only) to perform these operations. For more information, see “[TOOL Button and TOOL App Settings](#)”.

✔ Important!

- The setting procedure and calculation method used to determine calories burned, number of steps, and other numeric values depends on the app being used. Because of this, there may be some variation between values. For example, the number of calories shown on My Graph will not necessarily match the number of calories burned on another app's display.
- The activity type and activity time displayed by My Graph are based on movements detected by the watch's sensors. Because of this certain movements may result in misinterpretation of your activity, resulting in the wrong activity type and/or activity time being displayed.

Interpreting Graph Screen Data

Four concentric circles correspond to four activity types (rest, walking, running, riding). Engaging in one of the four activities causes a color coded arc to appear within the activity's circle.



- ① Time period running.
- ② Time period walking.
- ③ Time period at rest. Includes the time when the watch is stationary while you are not wearing it.
- ④ Time period riding (bicycle, automobile, train, etc.)

To hide the current time and activity times

Tap the touch screen. To re-show the current time and activity times, tap the touch screen again.

Using the APP Button

Pressing the watch's APP button starts up the app you assigned to it. You can use the steps below to change the app assigned to the APP button.

- 1. Hold down the power button for about two seconds to display a list of apps. Next, tap “APP Button”.**
 - This will display a list of apps that can be assigned to the APP button.
- 2. Scroll the list of apps upwards or downwards until the one you want is displayed, and then tap it.**

Using the Activity App (When connected with an Android smartphone only)

The Activity app is a CASIO Android Wear app. It measures the time you spend engaged in three different activities (mountain climbing/trekking, fishing, cycling). You can also use the CASIO MOMENT SETTER+ smartphone app (Android only) in combination with an activity to have the watch display useful information at just the right timing as you engage in an activity. For more information, see “[Using MOMENT SETTER](#)”.

This section provides information about basic activity operations, along with an explanation of each activity's display screen.

Important!

- Before using the Activity app, check to make sure that the CASIO MOMENT SETTER+ app is installed on your smartphone.

Basic Activity App Operations

To start up the Activity app

Hold down the power button for about two seconds to display a list of apps. Next, tap “Activity”.

To switch between activity types


Start up the Activity app and display the START screen (no timing operation in progress). Swipe the touch screen left or right.



Note

- While the “Climbing, trekking” START screen is displayed, swiping the touch screen from left to right will exit the Activity app and return to the Home Screen (the watch face screen).

To change Activity app settings

1. While the Activity app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
2. Tap .
 - This displays a CASIO setting menu.
3. Tap the menu item for the setting you want to change.
 - The table below describes the items displayed on the menu. For details, refer to the section indicated for each menu item.


Menu Item	Refer to:
Altitude Calibration	Calibrating Altitude Readings
Correct Altitude Using Location *1	Calibrating Altitude Readings
Barometric Pressure Calibration	Calibrating Barometric Pressure Readings
Units	Changing the Unit Setting

*1 “Correct Altitude Using Location” is displayed only when the watch is connected to an Android smartphone that has CASIO MOMENT SETTER+ installed.

To start activity timing

- 1. Display the START screen of the activity whose timing you want to start.**
- 2. If you display the “Climbing, trekking” START screen, tap “GOAL”. On the screen that appears, input your target altitude and then tap “SET”.**
- 3. To start timing, tap “START”.**
 - This displays the timing screen.

Note

- After starting up the Activity app, the watch display will automatically dim after about 30 seconds of non-use. To wake up the watch, tap the touch screen or press the power button.
- While the display is at normal brightness, pressing the power button returns to the Home Screen (the watch face screen), but continues Activity app timing internally. To return to the Activity app timing screen, perform the steps below.
 1. Swipe the touch screen from the bottom to top to display the Activity app card.
 2. Swipe the card from right to left. On the screen that appears, tap .

To stop activity timing

- 1. On the timing screen, swipe the touch screen from right to left.**
- 2. Tap “STOP”.**
 - This stops measurement and returns to the START screen.

Note

- The Activity app automatically shuts down when 20 hours elapse after a measurement is started.

To exit the Activity app

To stop an ongoing timing operation, return to the START screen, and then swipe the touch screen from left to right as many times as necessary to return to the Home Screen (the watch face screen).

Screen while Measurement is in Progress

Climbing, trekking



- ① Difference in altitude between the current reading and the reading 60 minutes before. If the current measurement was started less than 60 minutes ago, this value shows an approximate 60-minute value calculated based on the current reading and the first reading.
- ② Current time.
- ③ Input target altitude.
- ④ Difference between target altitude and current altitude.
Rmng: Current altitude is less than target.
-: Current altitude is greater than target.
- ⑤ Time elapsed from start of measurement.

Note

- To correct the current altitude used for ① and ④ above, use the altimeter function included in the watch's TOOL app. For information about the correction operation, refer to ["To perform altitude reading calibration manually"](#).
- The altitude difference ① is based on barometric pressure measurements that are calculated to altitude values. Barometric pressure values and their calculated altitude values can be affected by weather conditions.

Fishing



- ① An arrow indicates barometric pressure change between the current 10-minute average and the previous 10-minute average. The arrow is not displayed when there is no change. The value shows the current barometric pressure.
- ② Current time.
- ③ Graph of barometric pressure change over the past two hours.
- ④ Time elapsed from start of measurement.

Cycling



- ① Current traveling speed.
- ② Current time.
- ③ Cumulative distance traveled from start of measurement.
- ④ Time elapsed from start of measurement.

Note

- Since speed and distance traveled are measured using the smartphone's GPS function, location measurement error may result in measured value error.
- Speed and distance readings are calculated based on periodic measurements over fixed periods. They are not constant measurement.


Common CASIO App and CASIO Watch Face Settings

A number of functions, such as Compass and Altimeter are common for both CASIO apps and CASIO watch faces. This section explains settings that are reflected both in CASIO apps and CASIO watch faces.

Performing Compass Calibration (Magnetization Correction)

You can start the magnetization correction operation manually while a CASIO watch face that supports compass display is being used.

To start the magnetization correction operation




- 1. While the “Authentic”, “Field”, or “Multi” watch face is displayed, hold your finger on the touch screen for about two seconds until the watch face compresses in size.**
- 2. Tap . On the setting menu that appears, tap “Compass Calibration”.**
- 3. While wearing the watch, move your arm so the watch faces front, back, left, and right.**
 - View the messages and animation that appear on the watch display to get an idea of how you need to move the watch.
- 4. When the message “Calibration complete” appears, swipe the touch screen from left to right.**

Note

- If “Compass Calibration” is dimmed (and will not respond when tapped) in step 2 above, it means that the compass accuracy level is sufficient, and that correction is not required. Swipe the touch screen from left to right to exit the setting menu.


Calibrating Barometric Pressure Readings

Though the pressure sensor built into the watch is adjusted at the factory, and normally does not require correction, you can perform the correction operation below if you notice that readings are very different from those from other sources. You will need another accurate barometer to take current readings at your location, which you can input for correction.

- 1. What you should do first depends on whether you are starting from a CASIO app or watch face that displays barometric pressure.**
 - From a CASIO Watch Face:
While the “Authentic”, “Field”, “Multi”, or “Combination” watch face is displayed, hold your finger on the touch screen for about two seconds until the watch face compresses in size.
 - From the TOOL App or Activity App:
While either app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
- 2. Tap . On the setting menu that appears, tap “Barometric Pressure Calibration”.**
- 3. On the barometric pressure input screen that appears, input the current barometric pressure at your location, which was measured by another accurate barometer.**
 - Tap the digit of the value that you want to change, and then tap  or  to change it.

4. After the value is the way you want, swipe the touch screen from left to right to return to the setting menu.
5. To close the setting menu, swipe the touch screen from left to right.

Note

- To reset the correction value and return to barometric pressure readings based on the pressure sensor measurements, go to the barometric pressure input screen and tap .

Calibrating Altitude Readings


There are two settings for calibrating altitude readings: “Altitude Calibration” and “Correct Altitude Using Location” (when connected to an Android smartphone only).




Altitude Calibration	You can lessen error in the altitude readings displayed by the watch by manually inputting accurate local altitude and elevation values. You can find out the elevation at your current location from signs, maps, on the Internet, etc. While mountain climbing, it is highly recommended that you make a habit of regularly comparing altitude reading produced by the watch with locally available elevation indications, and of performing this procedure as required.
Correct Altitude Using Location	Select “ON” for this setting to have altitude readings corrected automatically in accordance with your smartphone’s GPS information. “OFF” must be selected for this setting to perform altitude calibration manually.

Note


- “Correct Altitude Using Location” is displayed only when the watch is connected to an Android smartphone that has CASIO MOMENT SETTER + installed.
- When “ON” is selected for the “Correct Altitude Using Location” setting, the correction operation is performed only when smartphone GPS reception is extremely good. Selecting “OFF” for the “Correct Altitude Using Location” setting and then regularly performing manual calibration of altitude readings is recommended when you are in a valley, among buildings, or in any other area where reception is poor.

To perform altitude reading calibration manually

- 1. What you should do first depends on whether you are starting from a CASIO app or watch face that displays altitude.**
 - From a CASIO Watch Face:
While the “Altitude”, “Authentic”, “Field”, “Multi”, or “Combination” watch face is displayed, hold your finger on the touch screen for about two seconds until the watch face compresses in size.
 - From the TOOL App or Activity App:
While either app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
- 2. Tap . On the setting menu that appears, tap “Correct Altitude Using Location” to toggle its setting between “ON” and “OFF”. Make sure you change this setting to “OFF”.**
 - Note that the operations from step 3 onwards are impossible while “ON” is selected for the “Correct Altitude Using Location” setting.
- 3. On the setting menu, tap “Altitude Calibration”.**

4. **On the altitude input screen that appears, input the elevation at your current location (which you obtained from local indications).**
 - Tap the digit of the value that you want to change, and then tap  or  to change it.
 5. **After the value is the way you want, swipe the touch screen from left to right to return to the setting menu.**
 6. **To close the setting menu, swipe the touch screen from left to right.**
-  **Important!**
- Selecting “ON” for the “Correct Altitude Using Location” setting will disable the altitude calibration value you input manually.


To reset the altitude calibration value

1. Perform steps 1 through 3 under **“To perform altitude reading calibration manually”**.
2. Tap .

Important!

- Using the above procedure to reset the correction value causes the watch to display altitude values that are simply calculated based on International Standard Atmosphere (ISA) definitions. Because of this, there will be large error between displayed values and actual altitude. After reset, it is recommended that you perform the steps under **“To perform altitude reading calibration manually”** again.

To enable or disable altitude calibration according to smartphone location information


1. Perform step 1 under **“To perform altitude reading calibration manually”**.
2. Tap  to display the setting menu.
3. On the setting menu, tap **“Correct Altitude Using Location”** to change its setting.
 - Each tap of the menu item toggles the setting between “ON” and “OFF”.
4. To close the setting menu, swipe the touch screen from left to right.

Changing the Monochrome Display Setting

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

- “2 Layers” monochrome CASIO Watch Face display
- All function monochrome displays of the TOOL app
- Timepiece Mode monochrome display

To change the monochrome display setting

- 1. What you should do first depends on whether you are starting from the TOOL app or the “2 Layers” watch face.**
 - From the “2 Layers” Watch Face:
On the “2 Layers” watch face, hold your finger on the touch screen for about two seconds until the watch face compresses in size.
 - From the TOOL App:
While the TOOL app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
- 2. Tap  to display the setting menu.**
- 3. On the setting menu, tap “Monochrome Display” to change its setting.**
 - Each tap toggles between “Dark” (white text on a black background) and “Bright” (black text on a white background).
- 4. To close the setting menu, swipe the touch screen from left to right.**


Note

- The Monochrome Display setting can also be changed when switching the watch to the Timepiece Mode. For details, see [“To enter the Timepiece Mode”](#).

Changing the Unit Setting

You can change the measurement units used when a CASIO app and watch face displays altitude, distance, barometric pressure, and other values. This setting affects all CASIO apps and watch faces that display values in the applicable units.

To change the unit setting

- 1. What you should do first depends on whether you are starting from a CASIO app or watch face.**
 - From a CASIO Watch Face:
While the “Altitude”, “Authentic”, “Field”, “Multi”, or “Combination” watch face is displayed, hold your finger on the touch screen for about two seconds until the watch face compresses in size.
 - From the TOOL App or Activity App:
While either app is running, swipe the touch screen from right to left until the “Settings” screen is displayed.
- 2. Tap  to display the setting menu.**
- 3. On the setting menu, tap “Units” to change its setting.**
 - Each tap of the menu item toggles the setting between “Metric” and “Imperial”.
- 4. To close the setting menu, swipe the touch screen from left to right.**


Using the CASIO MOMENT SETTER+ App on a Smartphone (Android Only)

Important!

- If you are using an Android smartphone, be sure to install CASIO MOMENT SETTER+ app in order to be able to use all of the functionality provided by this watch.

Note

- This section describes watch and smartphone operations.

 Watch operation

 Smartphone operation

You can use the CASIO MOMENT SETTER+ app to perform the watch functions listed below from your smartphone.

- Switching the watch face, and modifying the face layout and color
- Specifying which tools are called up and their call up sequence when the TOOL button is pressed, configuring function operation settings that control watch functions
- Selecting the watch app that starts up when the APP button is pressed
- Configuring “MOMENT SETTER” alert settings

Note

- The CASIO MOMENT SETTER+ app can be used by the WSD-F10 watch only.

Installing the CASIO MOMENT SETTER+ App on a Smartphone

☑ On your smartphone go to the Google Play Store, search for “CASIO MOMENT SETTER+” and then install it.

✔ Important!

- Starting up CASIO MOMENT SETTER+ immediately after installing it may cause the following error message to appear: “The watch is being setup.” This means that installation of the app on the smart watch system (which is triggered automatically when you install the CASIO MOMENT SETTER+ app on your smartphone) is in progress. During this time, the watch screen will go black or watch screen response will become extremely slow. This does not indicate malfunction. If this happens, wait for a while and then try starting up the CASIO MOMENT SETTER+ app or try operating the watch again. Wait until the “Installation is complete.” notification card is displayed on the watch.




Watch Face Switching and Advanced Setting Configuration

Use the procedures in this section to switch to any one of the original CASIO watch face designs and to configure watch face settings.

To switch to another watch face

1. **☐ On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap “Watch faces”.**
2. **☐ Use the left (<) and right (>) arrows on either side of the screen or swipe the touch screen left and right to scroll though the available watch faces, and display the one you want to use.**
 - CASIO MOMENT SETTER+ app displays only CASIO watch faces.
3. **☐ Tap “Use this watch face”.**
 - This changes the watch face being used by the watch.

To change watch face settings


1.  On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap “Watch faces”.
2.  Use the left (<) and right (>) arrows on either side of the screen or swipe the touch screen left and right to scroll through the available watch faces, and display the one whose settings you want to change.
3.  The settings you can change depend on the watch face. Tap a button at the bottom of the screen to display a setting screen.

Watch Face	Setting Button Description
Authentic Field Multi	Edit Dials Tap to specify what is displayed by each dial on the watch face.
	Edit Color Tap to change the face color.
2 Layers	Black/white settings Tap to select black characters on a white background, or white characters on a black background.
World Time	Select Home City Tap to select a Home City.
Altitude Combination	Altimeter settings Selects whether or not to correct altitude (elevation) using GPS information of your current location.

4.  After you configure the settings you want, tap < on the left edge of the screen.

TOOL Button and TOOL App Settings

Use the procedure below to specify which tools are called up and their call up sequence when the TOOL button is pressed. You can also configure settings that control watch functions.

1. **On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap “Buttons”.**
2. **Tap “TOOL Button” to display a list of TOOL app functions that can be assigned.**
 - For information about TOOL app functions, see [“Using the TOOL App \(TOOL Button\)”](#).
3. **Select the check boxes () next to all of the TOOL app functions you want to assign to the TOOL button.**
 - Each time you tap a check box, it toggles between being selected () and cleared ().
 - If you try to enable “My Graph” () while the “Save daily activity records” setting (see [“Registration Details”](#)) is disabled, a message will appear asking if you want to enable “Save daily activity records”. To enable “Save daily activity records” and use My Graph, tap [I agree]. If you do not want to use My Graph, tap [Cancel].
4. **Drag TOOL app functions around the list to create the recall sequence you want.**
 - Later, each press of the TOOL button, will recall assigned TOOL app functions in the sequence shown here, starting from the top of the list and progressing down to the bottom.
5. **If you want to change the settings of a TOOL app, tap  to the right of the applicable function name to display a setting screen.**
 - The table below explains TOOL app functions you can change.

Function	Setting item Description
Compass	Compass settings Select to turn magnetic declination on or off. The compass indicates true north when on, and magnetic north when off.
Altimeter	Altimeter settings Select to specify whether or not to correct altitude (elevation) using GPS information for your current location.
Tide Graph	Tide Graph point Select to specify the point (port) whose tide information you want to display.
My Graph	My Graph settings Select to specify which values to display in the center of My Graph, to input a physical profile (height, weight) for calories burned calculation, and to specify measurement units.

- To save your settings and exit the setting screen, tap the left arrow (<) on the left side of the screen.

6.  After you configure the settings you want, tap < on the left edge of the screen.

Note

- “Altimeter settings” correction is operational while smartphone GPS reception is extremely good. Regular manual correction of altitude readings is recommended when you are in a valley, among buildings, or in any other area where reception is poor.







APP Button Settings

You can use the procedure below to specify the watch app that starts up when the APP button is pressed.

1. On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap “Buttons”.
2. Tap “APP Button” to display a list of installed watch apps.
3. Tap the app you want to assign to the APP button so its check box is selected ().
4. After you configure the settings you want, tap < on the left edge of the screen.

Registration Details

The “Save daily activity records” setting must be enabled in order to use “My Graph”. Enabling “Save daily activity records” increases power consumption, so it is recommended that you disable it when not using My Graph.

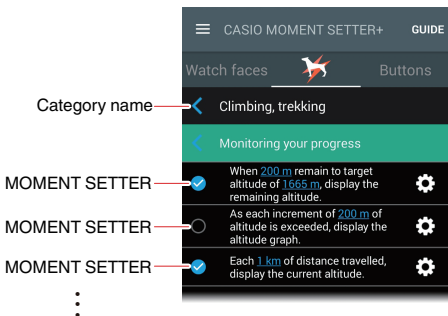
1.  In the upper left corner of the screen, tap . On the menu that appears, tap “Registration details”.
2.  Tap the checkbox to the left of “Save daily activity records” to toggle it between enabled () and disabled ().
 - Disabling “Save daily activity records” while My Graph is enabled will force My Graph to be disabled.
3.  After you configure the settings you want, tap < on the left edge of the screen.

Using MOMENT SETTER

MOMENT SETTER lets you configure the watch to display specific information in accordance with timing specified by you. MOMENT SETTER is designed mainly to be used while an Activity app measurement operation is in progress. For example, you can use MOMENT SETTER as described below.

- During a trekking Activity app operation. Three hours before sunset, the watch automatically displays the upcoming sunset time.
- During a fishing Activity app operation. One hour before an optimum fishing period starts, the watch automatically displays the time period.
- During a cycling Activity app operation. Stopping causes the watch screen to display the distance travelled thus far automatically.






You can configure each MOMENT SETTER with conditions and alert content settings, such as “When stopped, display the distance travelled thus far.” These settings are divided among four categories: “Climbing, trekking”; “Fishing”; “Cycling”; “Extras”. Select checkboxes () as shown on the sample screen to turn on each MOMENT SETTER for the activity you are about to perform.



 **Important!**


- To receive alerts from the selected MOMENT SETTER items, a watch Activity app of the same category of the selected MOMENT SETTER items must be performing a measurement. However, in the case of MOMENT SETTER items included in the “Extras” category, alerts are issued when specified conditions are met, even if an Activity app operation is not in progress.


**Practical Application 1: Using the “Climbing, trekking”:
“Every 1000 steps, display “Take a break.”” MOMENT
SETTER item**


1. **☐ On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap .**
2. **☐ Tap “Climbing, trekking”.**
3. **☐ Scroll the menu downwards, and then tap the checkbox to the left of “Every 1000 steps, display “Take a break.”” to select it ().**
 - You can skip steps 4 and 5 if you do not need to change conditions.
4. **☐ On the right end of the same line, tap .**
5. **☐ On the criteria setting screen that appears, specify the number of steps and the message to be displayed, and then tap “Save”.**
6. ** When you set out on your climb or trek, start up the Activity app on the watch.**
 - Hold down the power button for about two seconds to display a list of apps. Scroll the list until “Activity” is displayed and then tap “Activity”.
7. ** If the “Climbing, trekking” START screen is not displayed, swipe from left to right until it is.**

8.  Tap “START”.

- This starts measurement and displays the “Climbing, trekking” timing screen.
- A step count for mountain climbing or trekking is started from this point, so the message “Take a break.” (or another message you specified in step 5) will appear every 1,000 steps (or the number of steps you specified in step 5).









9.  Press the power button to return to the Home Screen (watch face screen).


- Leaving the Activity app timing screen on the display may cause you to miss MOMENT SETTER notifications. To avoid this, return the watch to the Home Screen at this time.
- To display the Activity app timing screen again, perform the steps below.
 1. Swipe the touch screen from the bottom to top to display the Activity app card.
 2. Swipe the card from right to left. On the screen that appears, tap .


10.  After you are finished mountain climbing or trekking, swipe the touch screen showing the ongoing timing operation from right to left. On the screen that appears, tap “STOP”.


- This stops counting of steps while mountain climbing or trekking, so MOMENT SETTER notifications stop.

Practical Application 2: Using the “Cycling”: “When stopped, display the distance travelled thus far.” MOMENT SETTER item

1.  On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap .
2.  Tap “Cycling”.
3.  Scroll the menu downwards, and then tap the checkbox to the left of “When stopped, display the distance travelled thus far.” to select it ().
4.  On the watch, start up the Activity app.
 - Hold down the power button for about two seconds to display a list of apps. Scroll the list until “Activity” is displayed and then tap “Activity”.
5.  If the “Cycling” START screen is not displayed, swipe from right to left until it is.
6.  Tap “START”.
 - This starts measurement and displays the “Cycling” timing screen. It also enables “Cycling” category MOMENT SETTER notifications in accordance with your selection in step 3 above.
 - Any time you stop cycling, the watch will display the distance travelled from the point you started. You can also display a map of your current location by swiping the screen from right to left.




7.  Press the power button to return to the Home Screen (watch face screen).


- Leaving the Activity app timing screen on the display may cause you to miss MOMENT SETTER notifications. To avoid this, return the watch to the Home Screen at this time.
- To display the Activity app timing screen again, perform the steps below.
 1. Swipe the touch screen from the bottom to top to display the Activity app card.
 2. Swipe the card from right to left. On the screen that appears, tap .

8.  After you are finished cycling, swipe the touch screen showing the ongoing timing operation from right to left. On the screen that appears, tap “STOP”.

- This stops the “Cycling” measurement operation and also disables the “Cycling” category MOMENT SETTER notifications.

Practical Application 3: Using the “Extras”: “When phone battery becomes 20 % or lower, display a low battery alert.” MOMENT SETTER item

1. **☐ On your Android smartphone, start up CASIO MOMENT SETTER+ app and then tap .**
2. **☐ Tap “Extras”.**
3. **☐ Tap “When phone battery becomes 20 % or lower, display a low battery alert.” to select it ().**
 - You can skip steps 4 and 5 if you do not need to change conditions.
4. **☐ On the right end of the same line, tap .**
5. **☐ On the criteria setting screen that appears, enter a percentage value for the remaining battery charge and then tap “Save”.**

 There is no particular operation required on the watch. The watch will display the smartphone battery charge level whenever the remaining charge becomes 20% (or the value you input in step 5) while there is connection between the watch and smartphone.

Note

- A notification from MOMENT SETTER is deleted automatically after a fixed amount of time.
- Since speed measurement, distance traveled measurement, and current location detection are performed using the smartphone’s GPS function, there may be some measured value error. Accuracy is particularly poor in a ravine or canyon, among buildings, indoors, and in other areas where signal reception is bad.


Using the Timepiece App

Running the Timepiece app enters the Timepiece Mode and displays the current time on a monochrome screen. All other non-timekeeping watch functions are disabled. The Timepiece Mode consumes very little power, so you can use the watch for normal timekeeping while conserving battery power.

Important!

- Android Wear functions are all disabled in the Timepiece Mode, so all watch apps and display of their notifications are disabled.
- While Android Wear is running on the watch, the watch will normally sync its time and date settings with that of the connected smartphone. However, while the watch is in the Timepiece Mode, settings related to the current time and date are not changed (time zone auto switching, smartphone time and date sync, including summer time adjustment, etc.) This means that some timekeeping error may occur if you continuously use the Timepiece Mode for a long time. Because of this, every couple of days you should exit the Timepiece Mode, and establish a connection between the watch and a smartphone to update the time setting.

To enter the Timepiece Mode

- 1. Hold down the power button for about two seconds to display a list of apps. Next, tap “Timepiece”.**
 - This displays the Timepiece Mode confirmation screen.
- 2. Read the explanation on the screen, swiping from right to left as required to change pages.**
 - Note that the explanation consists of multiple pages. Swipe the touch screen from right to left until the “Settings” screen is displayed. If you do not want to change the “Monochrome Display” setting, you can skip steps 3 and 4.
- 3. On the “Settings” screen, tap .**
- 4. Tap “Monochrome Display”.**
 - Each tap toggles between “Dark” (white text on a black background) and “Bright” (black text on a white background).
 - This setting also affects the “2 Layers” watch face and the TOOL app Monochrome Display setting. See [“Changing the Monochrome Display Setting”](#).
- 5. Swipe the touch screen from left to right as many times as necessary to return to the Timepiece Mode confirmation screen.**

6. On the confirmation message that appears, tap .

- Shutting down Android Wear enters the Timepiece Mode and displays the current time on a monochrome screen.



To illuminate the display in Timepiece Mode

Press (and immediately release) the power button. This will illuminate the display for about two seconds.

To exit the Timepiece Mode (starting up Android Wear)


Hold down the power button for about two seconds.

Monochrome LCD Screen

Your watch has a dual-layer color and monochrome LCD. Switching between monochrome and color LCD screens can be performed manually, but it is also performed automatically in certain cases. The following section explains when the watch displays the monochrome LCD screen.

After entering the Timepiece Mode

The watch will use the monochrome LCD screen to display the current time after you enter the Timepiece Mode by running the Timepiece app (see [“Using the Timepiece App”](#)).


Display	Operations
	<ul style="list-style-type: none">• The operations described below can be performed in the Timepiece Mode. Pressing (and immediately releasing) the power button: Turns on the backlight. Holding down the power button: Exits the Timepiece Mode and starts up Android Wear.• The watch does not perform any notification operations while in the Timepiece Mode.

✔ Important!

- Android Wear operation stops whenever the watch charge level starts to approach 0%. For a while after that happens, the watch will automatically switch to the monochrome LCD screen that appears in Timepiece Mode. The watch's power button is completely disabled at this time. Charge the watch as soon as possible when this happens. Android Wear will automatically resume operation after the charge reaches a certain level.


While the “2 Layers” watch face is selected

While the “2 Layers” watch face is selected (see “[CASIO Watch Faces](#)”), the monochrome LCD screen will display the current time after the watch is left idle for some time.

Display	Operations
	<ul style="list-style-type: none">• Tapping the touch screen while the monochrome LCD screen is shown will switch to the color LCD screen.• The display will not switch to the monochrome LCD screen if a notification card is displayed on the color LCD screen. If a notification comes in while the monochrome LCD screen is displayed, the watch will automatically switch to the color LCD screen and display a notification card.

While the watch is in the Theater mode


While the watch is in the Theater mode (see “[Temporarily Blocking All Notifications and Disabling the Backlight \(Theater mode\)](#)”), the watch uses the monochrome LCD screen to display the current time.

Display	Operations
	<ul style="list-style-type: none">• The watch does not perform any notification operations while it is in the Theater mode. Also note that tapping the touch screen will not switch to the color LCD screen.• To exit the Theater mode, press the watch’s power button.

While “Always-on screen” is OFF

While OFF is selected for the “Always-on screen” setting on the Settings screen (see “[Using the Settings](#)”), the watch uses the monochrome LCD screen to display the current time after the watch is left idle under the conditions below.

- While any watch face type is displayed
- While the Activity app or any other app that dims the display automatically after a fixed amount of time is running


Display	Operations
	<ul style="list-style-type: none">• Tapping the touch screen while the monochrome LCD screen is shown will switch to the color LCD screen.• Even if a notification card is displayed on the color LCD screen, the display will switch to the monochrome LCD screen (which does not show the notification card). If a notification comes in while the monochrome LCD screen is displayed, the watch will perform a vibration alert but the monochrome LCD screen (which does not show a notification card) will remain displayed.

✔ Important!

- Note that if the watch switches to the monochrome LCD screen while the Activity app is performing a measurement operation, the values being measured will not be displayed. To view values being measured, you will need to tap the display and switch to the color LCD screen.
- Selecting ON for the “Always-on screen” setting is recommended while using the Activity app.


When the charge level drops below 5%

The watch will switch to current time display using the monochrome LCD screen whenever its charge level drops below 5%, regardless of the currently selected watch face type and display settings.

Display	Operations
	<ul style="list-style-type: none">• Tapping the touch screen while the monochrome LCD screen is shown will switch to the color LCD screen.• Even if a notification card is displayed on the color LCD screen, the display will switch to the monochrome LCD screen (which does not show the notification card).• If a notification comes in while the monochrome LCD screen is displayed, the watch will not vibrate and the monochrome LCD screen (which does not show a notification card) will remain displayed.


While the watch is in Doze mode

The watch will display the current time using the monochrome LCD screen while in Doze mode (see “[Doze Mode](#)”).

Display	Operations
	<ul style="list-style-type: none">• Tapping the touch screen while the monochrome LCD screen is shown will switch to the color LCD screen.• Even if a notification card is displayed on the color LCD screen, the display will switch to the monochrome LCD screen (which does not show the notification card).• If a notification comes in while the monochrome LCD screen is displayed, the watch will not vibrate and the monochrome LCD screen (which does not show a notification card) will remain displayed.


While Android Wear operation is stopped due to a low charge level

The watch displays the current time using the monochrome LCD screen for a while after Android Wear operation is stopped due to a low charge level.

Display	Operations
	<ul style="list-style-type: none">• Though this screen has the same appearance as the Timepiece Mode screen (see “Using the Timepiece App”), the power button is completely disabled in this case.• The watch does not perform any notification operations.• Charging the watch will cause Android Wear to resume operation automatically after the charge reaches a certain level.

After the TOOL button is held down while a TOOL app color screen is displayed

Holding down the TOOL button for about three seconds while a TOOL app (see [“Using the TOOL App \(TOOL Button\)”](#)) color LCD screen is displayed will switch the display to a simple monochrome LCD screen. The example below shows the monochrome LCD screen for the Barometer.

Display	Operations
	<ul style="list-style-type: none">• Tapping the touch screen while the monochrome LCD screen is shown will switch to the color LCD screen.

Error Code and Error Message List

If an error code or error message appears on your watch, look it up in the table below and take the required action.

Error Code Error Message	Required Action
1001, 1002, 1009 Normal charging is not possible for some reason. If this message keeps appearing, request servicing.	Remove the charger cable from the watch, turn off the watch, and then try charging again. Use only the AC adaptor and charger cable that comes with the watch for charging. If this message/error code keeps appearing, it could mean that the chargeable battery has deteriorated. Request servicing by your original retailer or authorized CASIO service center.
1003 Too hot to charge.	Charge the watch in an area where the ambient temperature is between 10°C and 35°C (50°F and 95°F).
1004 Too cold to charge.	
9000 Some problem occurred with the watch. Power will turn off shortly.	To restart the watch, first charge it for at least one hour. Next, hold down the power button for about 12 seconds until the display goes white.
9001, 9002, 9003 Some problem occurred with the watch. Power will turn off shortly.	Take your watch to an authorized CASIO service center or to your original retailer for inspection and repair.
9010 Watch temperature is high. Power will turn off to protect it.	Remove the watch from your wrist and leave it in a location that is not exposed to direct sunlight, where the temperature is between 10°C and 30°C (50°F and 86°F) to allow the watch to cool down. You will be able to turn the watch on again after it reaches a lower temperature.

Restoring Watch Operation

If you find that the watch will not operate normally, perform the steps below to restart the watch and then try the operation again.

1. Hold down the power button for about two seconds to display a list of apps.

2. Tap “Settings”→“Restart”.

If the above operation does not work for some reason, perform the procedure below to force it to shut down. After the watch is forced to shut down, it will restart automatically.

1. Hold down the power button until the display goes white (about 12 seconds).

- Wait for a while until the watch restarts automatically.

Precautions During Use

Display Information Accuracy

Tide Graph Precautions

For Japan area oceans, tide times and level changes are predictively calculated using harmonic constant data obtained from Bibliography 742 Tidal Harmonic Constants Tables, Japanese Coast (February 1992) published by the Hydrographic Department of the Japan Coast Guard, and from the List of Tidal Stations (2015) published by the Japan Meteorological Agency. For other area oceans, tide times and level changes are predictively calculated using harmonic constant data obtained from NOAA, NOAA CO-OPS, and the NOAA Tides & Currents website, and the U.S. DEPARTMENT OF COMMERCE / COAST AND GEODETIC SURVEY January 1942 TH-1.

Actual tidal phenomena fluctuate in accordance with weather, the season, and various other factors, and may give rise to irregularities not in accordance with calculated values. Certain conditions may result in some deviation from actual tides. Because of this, the information produced by the Tide Graph function of this app and watch should be treated as approximate reference information only. Never use it for navigation or any other decisions about tide that may put safety at risk.

Sunrise/Sunset Precautions

Sunrise and sunset calculations are performed using the following azimuths: North: 0 degrees, East: 90 degrees, South: 180 degrees, West: 270 degrees. Calculation results include error of multiple seconds, and error becomes greater at higher latitudes. Calculations assume a level horizon, and local topography is not taken into consideration.

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 atmosphere, 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 submersion in seawater, use plain water to rinse all salt and dirt from your watch.
- 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.
- The inside surface of the watch glass may fog when the watch is exposed to a sudden drop in temperature. No problem is indicated if the fogging clears up relatively quickly. Sudden and extreme temperature changes (such as coming into an air conditioned room in the summer and standing close to an air conditioner outlet, or leaving a heated room in the winter and allowing your watch to come into contact with snow) can cause it to take longer for glass fogging to clear up. If glass fogging does not clear up or if you notice moisture inside of the glass, immediately stop using your watch and take it to an authorized CASIO service center or to your original retailer.
- Do not charge the watch if the watch or charger cable is wet. Wipe off all moisture and make sure the watch and charger cable are dry before charging.

MIL-STD-810G

This watch has been tested for the items described below in accordance with the MIL-STD-810G standard established by the U.S. Department of Defense.

- Shock resistance is based on the assumption of normal daily use. Throwing the watch, or subjecting it to excessive dropping or other extreme shock can cause it to break.
- Be sure to read the information in this manual under “[Precautions During Use](#)” and “[User Maintenance](#)” in order to ensure proper use of this watch. Failure to use the watch in accordance with this information creates the risk of overheating, fire, electric shock, personal injury, and accident.
- 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.

Dropping	Tested in accordance with Method 516.7 Procedure IV.
Vibration	Tested in accordance with Method 514.7 Procedure I.
Humidity	Tested in accordance with Method 507.6 Procedure II.
Solar Radiation	Tested in accordance with Method 505.6 Procedure II.
Low Pressure Storage	Tested in accordance with Method 500.6 Procedure I.
Low Pressure Operation	Tested in accordance with Method 500.6 Procedure II.
High Temperature Storage	Tested in accordance with Method 501.6 Procedure I.
Low Temperature Storage	Tested in accordance with Method 502.6 Procedure I.
Thermal Shock	Tested in accordance with Method 503.6 Procedure I-C.
Freezing	Tested in accordance with Method 521.4 Procedure I.

Protective stickers

- Be sure to remove all protective stickers and/or paper tags that may be affixed to your watch (including its back cover) and/or its band when you purchase it. Using the watch without removing protective stickers and/or paper tags may result in the build-up of dirt between the watch/band and the sticker/paper tag, which creates the risk of rust and skin rash.

Charging

- The watch and AC adaptor may become warm to the touch during charging. This is normal and does not indicate malfunction.
- Do not charge the watch in a location where large amounts of moisture, dust, or fine metal particles are present, in a location subjected to vibration, or near a hard line telephone, a TV, a radio, etc.
- The charger cable of this watch is magnetic. Contact with sand containing iron particles can make it unusable for charging. Should the charger terminal or cable become soiled with mud or sand, thoroughly wipe off all foreign matter before charging.
- In an area where it is extremely cold or hot, you may not be able to charge the watch or the watch may not charge completely. Charge the watch in an area where the ambient temperature is between 10°C and 35°C (50°F and 95°F).

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 when not charging. 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 metal components, 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.

Premature Wear

- Leaving sweat or water on a resin band or bezel, or storing your watch in an area subject to high moisture can lead to premature wear, cuts, and breaks.

Skin Irritation

- Individuals with sensitive skin or in poor physical condition may experience skin irritation when wearing a watch. Such individuals should keep their leather band or resin band particularly clean. Should you ever experience a rash or other skin irritation, immediately remove your watch and contact a skin care professional.

Main Specifications

- 1.32-inch dual layer display, Color TFT LCD (320 × 300 pixels) + Monochrome LCD
- Capacitive touch panel
- Sensors: Pressure sensor, Accelerometer, Gyrometer, Magnetic sensor
- Microphone
- Vibration
- Battery:

Type:

Lithium-ion battery

Charging time:

Approximately 2 hours at room temperature (Be sure to use the special charger cable and AC adaptor.)

Operating time on full charge^{*1}:

Normal use: More than one day

Timepiece: Approximately one month

- Bluetooth: Bluetooth® V4.1 (Low Energy support)
- Wi-Fi: IEEE802.11b/g/n
- Memory & storage: 512 MB RAM, 4 GB internal storage
- Charging method: Magnetic crimped charging terminal
- Buttons: TOOL button, Power button, APP button
- 5 bar (50 meters) water resistant

- Environment performance: MIL-STD 810G (United States military standard issued by the U.S. Department of Defense)
- Operating temperature: 0°C to 40°C (32°F to 104°F)
- Colors: Black/Green/Red/Orange
- Watch:
 - Auto time correction:
 - By communication with smartphone (Time can be adjusted manually.)
 - Time zones (world time function):
 - 550 world time zone types (as of August 2015) (By linking with smartphone)
 - 12/24-hour timekeeping
 - Full auto-calendar:
 - Auto switching by linking with smartphone
 - Summer time:
 - Auto switching by linking with smartphone
 - Watch faces:
 - Selectable from among 19 types (Google 12, CASIO 7)
- Other Functions: Stopwatch, Countdown timer, Daily alarm^{*2 *3}
- TOOL App:
 - Compass:
 - Measurement range: 0° to 359°
 - Measurement unit: 1°
 - Continuous measurement duration: 1 minute
 - North Indication hand, Magnetic declination correction^{*4}, Bearing memory, Gradient calibration

Altimeter:

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

Measurement unit: 1m (5ft)

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 correction, Auto altitude correction using location information^{*4 *5}

Barometer:

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

Measurement unit: 1 hPa (0.1inHg)

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

Atmospheric pressure tendency graph: Past 24 hours

Barometric pressure measurement interval: 1 minute

Tide and Fishing^{*4}:

Tide graph: Past 12 hours + Next 12 hours

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

Sunrise/Sunset^{*4}:

Sunrise/Sunset times (Current location sunrise/sunset)

Sunrise/Sunset directions: Accuracy depends on compass

Activity Graph^{*4 *6}:

Daily activity pattern: Stopped, walking, running, vehicle

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

Workout time

• Activity App^{*4}:

Climbing, Trekking; Fishing; Cycling

• EXILIM Controller App:

Snapshot, Movie recording, Interval shooting, Continuous shooting, Simple playback

Supported models: EXILIM EX-FR100

• Screen brightness setting: 5 levels

• Watch battery level indicator: Integer value, 0 to 100%

• Smartphone battery level alert (Android smartphones only)

- **Charger (AC adaptor):**
AD-W50100U1
Power supply:
INPUT: AC 100V to 240V 50Hz/60Hz
OUTPUT: 5.0V/1.0A
Power consumption: 160 mA
- AD-C54UG
Power supply:
INPUT: AC 100V to 240V 50Hz/60Hz
OUTPUT: 5.0V/650mA
Power consumption: 90 mA
- **Charger cable:**
Length Approximately 0.75m (2.46ft)
Type: AC adaptor USB A TYPE
- **Included accessories:** Charger (AC adaptor), Special charger cable, Quick start guide, Warranty

- 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 Android Wear^{*7}
Android 4.3+ or iOS 8.2+^{*8}. Supported features may vary between platforms.
Visit g.co/wearcheck on your Android phone or iPhone® to see if it's compatible.
- Size (Body H × W × D): Approx. 61.7 × 56.4 × 15.7mm (2.4" × 2.2" × 0.6")
- Weight (including band): Approx. 93g (3.3oz)

*1 CASIO test conditions

*2 Snooze Feature

*3 Vibration alert only without alarm sound.

*4 iOS not supported. (It is necessary to install "CASIO MOMENT SETTER +"⁺ on an Android smartphone.)

*5 GPS altitude information is used, so the indicated altitude may not exactly match the actual above sea level elevation or altitude.

*6 Default: OFF

*7 For models for which operation has been confirmed, refer to the Google check page.

<http://www.android.com/wear/check/>

*8 Limited functionality when connected to iOS device.

Chargeable Battery Handling

Important!

- Do not try to replace batteries by yourself. Request battery replacement from an authorized CASIO service center or your original retailer.

Chargeable Battery Handling (Please recycle!)

The built-in lithium-ion battery includes valuable resources. When you are ready to discard your watch, follow proper procedures in order to recycle resources. For information about the proper procedure to follow when discarding the watch, contact an authorized CASIO service center or your original retailer.

Protecting Your Private Information when Discarding the Watch

To ensure that your private information remains private, be sure to initialize the watch with the steps below before discarding the watch.

- 1. Hold down the power button for about two seconds to display a list of apps.**
- 2. Scroll the screen downwards and then tap “Settings”.**
- 3. Scroll the screen downwards and then tap “Unpair with phone”. On the confirmation screen that appears, tap**



- This restarts the watch. Watch restart following the unpair operation takes some time, so you may need to wait for a while.

Supplementary Information

Open Source Information

CASIO uses GPL, LGPL and other source code that comes under an open source license in this product. CASIO discloses the source code in accordance with each open source license. For source codes and details about each open source license, visit the CASIO website. Source code is provided “as-is” without any guarantees. However, this does not affect warranty conditions by CASIO concerning product defects (including defects in the source code).

Copyrights

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- App Store is a service mark of Apple Inc.
- Other company, product and service names used in this manual also may be trademarks or registered trademarks of others.

Regulatory Information

Your watch is a device that supports electronic way of display. To display regulatory information, perform the steps below.

- 1. Hold down the power button for about two seconds to display a list of apps.**
- 2. Scroll the screen downwards and then tap in the following sequence: “Settings” → “About” → “Regulatory information”.**

This device complies with part 15 of FCC Rules and Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

The available scientific evidence does not show that any health problems are associated with using low power wireless devices.

There is no proof, however, that these low power wireless devices are absolutely safe. Low power Wireless devices emit low levels of radio frequency energy (RF) in the microwave range while being used. Whereas high levels of RF can produce health effects (by heating tissue), exposure of low-level RF that does not produce heating effects causes no known adverse health effects. Many studies of low-level RF exposures have not found any biological effects. Some studies have suggested that some biological effects might occur, but such findings have not been confirmed by additional research. The WSD-F10 has been tested and found to comply with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules.

CASIO®

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