

CASIO WATCH OPERATING PRECAUTIONS

Charging Instructions for Casio Tough Solar Watches

Many of our Casio watches come are equipped with a solar cell and a special rechargeable battery that is charged by the electrical power produced by the internal solar cell. If your watch is Tough Solar, daily exposure to a light source (*i.e.*, *sunlight*) is recommended. Charging time may vary depending on certain conditions such as weather and season. Charging efficiency drops when any part of the solar cell is blocked by *clothing, clouds, tinted windows, etc.*

Please Note: For indoor charging, a compact fluorescent desk lamp of **NO GREATER THAN 13 WATTS** may be used at a distance of about 4-6 inches from the watch. It may take 3 to 6 hours of continuous exposure to elevate the charge in your watch from 'low' to 'medium' using this light source. Some Casio watch models may require longer charging time.

Charging Precautions

- Certain charging conditions can cause the watch to become very hot, such as on the dashboard of a car in direct sunlight. Therefore, handle with care to avoid burn or injury.
- DO NOT USE AN INCANDESCENT OR HEAT LAMP TO CHARGE THE SOLAR CELL IN YOUR WATCH. THIS WILL OVERHEAT AND DAMAGE YOUR WATCH.

Important!

Always request battery replacement from an Authorized Service Center.

If your Casio watch has Tough Solar, it uses a special rechargeable battery to store power produced by the solar cell. While regular battery replacement is not required, the special battery may lose its ability to charge fully after some years of use. In this case, contact Casio America, Inc Service Center, Dover, NJ for service or one of our authorized service centers. Please scan the [QR code](#) below.

Use of a different battery type can cause malfunction. Always refer to the User's Guide.

Magnetism

The hands of analog and combination (analog-digital) watches are moved by a motor that uses magnetic force. Strong magnetism can cause malfunction of your watch and damage electronic components.

Electrostatic Charge

Exposure to very strong electrostatic charge can cause the watch to display the wrong time. Very strong electrostatic charge can even damage electronic components.

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. Temperature extremes can cause your watch to lose or gain time, to stop, or otherwise 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)

Impact

Your watch is designed to withstand impact incurred during normal daily activity such as playing catch, tennis, etc. Dropping your watch or otherwise subjecting it to strong impact, however, can lead to malfunction.

Note that watches with G-Shock resistant designs (G-SHOCK, BABY-G, G-MS) can be worn while operating a chain saw or engaging in other activities that generate strong vibration, or while engaging in strenuous sports activities (motocross, etc.)

Bacteria and Odor Resistant Band

The bacteria and odor resistant band protects against odor generation by the formation of bacteria from sweat, which ensures comfort and hygiene. In order to ensure maximum bacteria and odor resistance, keep the band clean.

Use an absorbent soft cloth to thoroughly wipe the band clean of dirt, sweat and moisture. A bacteria and odor resistant band suppresses the formation of organisms and bacteria. It does not protect against rash due to allergic reaction, etc.

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.

Water Resistance

A trained technician will inspect your watch for proper water resistance whenever you have its battery replaced. Battery replacement requires the use of special tools. Always request battery replacement from an Authorized Casio service center.

Watches that do not have WATER RESIST or WATER RESISTANT marked on the back cover are not protected against the effects of sweat. Avoid using such a watch under conditions where it will be exposed to large amounts of sweat or moisture or to direct splashing water.

Even if a watch is water resistant, note that the usage precautions described below, such as types of use, reduce water resistant performance and can cause fogging of the glass.

- Do not operate the crown of buttons while your watch 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 your watch while washing your hands or face, while doing housework, or while performing any other task that involves soap or detergents.
- After submersion in sea water, 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).
- Some water-resistant watches come with fashionable leather bands. Avoid swimming, washing, or any other activity that causes direct exposure of a leather band to water.
- 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.
- Your water-resistant watch has been tested in accordance with International Organization for Standardization regulations.

Liquid Crystal Display

Display figures may be difficult to read when viewed from an angle.

Resin Components

- Leaving your watch where it is exposed to direct sunlight (ultra-violet rays) for long periods or failure to clean dirt from your watch for long periods can cause discoloration.
- Friction caused by certain conditions (strong external force, sustained rubbing, impact, etc.) can cause discoloration of painted components.
- Leaving your watch wet for long periods can cause fluorescent color to fade. Wipe the watch dry as soon as possible after it becomes wet.
- Semi-transparent resin parts can become discolored due to sweat and dirt, and if exposed to high temperatures and humidity for long periods.

***The information below applies to watches with WATER RESIST or WATER RESISTANT marked on the back cover.**

Markings on watch front or back cover	No BAR mark	5BAR	10BAR	20BAR
Hand washing, rain	Yes	Yes	Yes	Yes
Water-related work, swimming	No	Yes	Yes	Yes
Windsurfing	No	No	Yes	Yes
Skin Diving	No	No	Yes	Yes

Always refer to your User Guide. Additional information regarding operating procedures and watch maintenance is available in Casio website. <https://world.casio.com/support/manual/>



Scan to login to the Casio Service Portal.