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### Casio GWG-1000-1A1CR

# Casio G-Shock Mudmaster Triple Sensor Watch User Manual

Model: GWG-1000-1A1CR

## INTRODUCTION

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This manual provides detailed instructions for the proper setup, operation, and maintenance of your Casio G-Shock Mudmaster Triple Sensor Watch, model GWG-1000-1A1CR. Designed for durability and functionality in challenging environments, this timepiece features advanced triple sensor technology, including a digital compass, altimeter/barometer, and thermometer, alongside atomic timekeeping and solar power capabilities.



Figure 1: Casio G-Shock Mudmaster GWG-1000-1A1CR Front View

The Casio G-Shock Mudmaster GWG-1000-1A1CR is a robust timepiece featuring a black resin case and band, large analog hands, and a digital display. It is equipped with multiple sensors for environmental data.

## SETUP

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### 1. Initial Charge

Your watch is equipped with Tough Solar power, which converts light into energy. Before first use, expose the watch face

to bright light (sunlight is ideal) for several hours to ensure a full charge. Avoid prolonged exposure to extreme heat.

## 2. Time Synchronization (Atomic Timekeeping)

The watch automatically receives time calibration signals from atomic clocks to maintain accurate time. For manual reception, press and hold the 'RECEIVE' button (usually located on the left side) until the reception indicator appears. Ensure the watch is placed near a window or outdoors for optimal signal reception.

## 3. Setting Home City

To ensure correct time and sensor readings, set your home city. In Timekeeping Mode, press and hold the 'ADJUST' button until the city code starts flashing. Use the 'FORWARD' and 'REVERSE' buttons to select your desired city code. Press 'ADJUST' again to confirm.

## 4. Hand Alignment Correction

If the analog hands do not align with the digital time, manual correction may be necessary. Refer to the detailed instructions in the full manual for the specific button sequence to enter hand alignment mode and adjust the hour, minute, and second hands.

# OPERATING INSTRUCTIONS

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## 1. Basic Timekeeping Mode

In Timekeeping Mode, the watch displays the current time, day, and date. The analog hands show the hour and minute, while the digital display shows the second, day of the week, and date. Pressing the 'MODE' button cycles through different modes.



Figure 2: Watch Face Detail

This image provides a detailed view of the watch face, showing the clear analog hands and the digital display which presents additional information like the date and day of the week.

## 2. Triple Sensor Functions

The Mudmaster is equipped with a Triple Sensor for environmental measurements:

- **Digital Compass:** Press the 'COMP' button to enter Compass Mode. The second hand will point North, and the digital display will show the direction and bearing angle.
- **Altimeter/Barometer:** Press the 'ALTI' button to enter Altimeter/Barometer Mode. The watch will display the current altitude and atmospheric pressure. Altitude readings are based on atmospheric pressure and can be affected by weather changes.
- **Thermometer:** The temperature is displayed in Altimeter/Barometer Mode. For accurate readings, remove the watch from your wrist for at least 20-30 minutes to avoid body heat interference.



Figure 3: Triple Sensor Buttons

This image shows the top view of the watch, highlighting the buttons used to activate the triple sensor functions, including the compass, altimeter, and barometer.

### 3. World Time Mode

In World Time Mode, you can view the current time in 48 cities (31 time zones) around the globe. Use the 'FORWARD' and 'REVERSE' buttons to scroll through city codes.

### 4. Stopwatch and Timer

Access Stopwatch Mode to measure elapsed time, split times, and two finishes. The Countdown Timer allows you to set a specific time for a countdown, with an alarm sounding when it reaches zero.

### 5. Alarms

The watch features multiple daily alarms and an hourly time signal. Set alarms to sound at specific times to remind you of

important events.

## 6. Illumination (LED Backlight)

Press the 'LIGHT' button to illuminate the watch face for easy reading in low-light conditions. The illumination duration can be adjusted in settings.



Figure 4: Watch Illumination

This image demonstrates the watch's illumination feature, where the hands and digital display glow brightly in dark conditions for enhanced visibility.

## 7. Crown Operation

The watch features a Smart Access crown. Pulling out and rotating the crown allows for quick adjustment of various settings and modes. Push the crown back in to lock it and prevent accidental changes.

## MAINTENANCE

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### 1. Cleaning

Regularly clean your watch with a soft, dry cloth. For stubborn dirt, use a mild soap solution and a soft brush, then rinse thoroughly with fresh water and dry completely. Avoid using chemical cleaners or solvents.

### 2. Water Resistance Precautions

The watch is water resistant to 200 meters. Ensure the crown is fully pushed in and locked before exposing the watch to water. Do not operate buttons or the crown while the watch is wet or submerged.

### 3. Solar Charging

To maintain optimal battery life, expose the watch to light regularly. A power saving function will activate when the watch is left in the dark for extended periods. The power indicator on the digital display shows the current charge level.

### 4. Strap Care

Inspect the resin band periodically for signs of wear or damage. Clean the band with mild soap and water. Avoid exposing the band to extreme temperatures or harsh chemicals, which can cause deterioration.



Figure 5: Watch Back and Strap

This image displays the rear of the watch, highlighting the robust stainless steel case back and the textured resin strap, designed for comfort and durability.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Time is incorrect or not syncing.	Weak signal reception, incorrect home city setting, or magnetic interference.	Ensure watch is exposed to light for charging. Perform manual time calibration signal reception in an open area. Verify home city setting. Move away from strong magnetic fields.

Problem	Possible Cause	Solution
Sensor readings (Altimeter, Barometer, Thermometer, Compass) are inaccurate.	Environmental changes (pressure, temperature), body heat interference (thermometer), or magnetic interference (compass).	Calibrate sensors regularly. For temperature, remove watch from wrist for 20-30 minutes. For compass, perform bidirectional calibration.
Digital display is blank or dim.	Low battery charge.	Expose the watch to bright light for an extended period to charge the battery.
Analog hands do not match digital time.	Impact or strong magnetic force.	Perform manual hand alignment correction as described in the full manual.

For more detailed troubleshooting steps, please refer to the comprehensive user manual available on the Casio website.

## SPECIFICATIONS

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**Model Name:** GWG-1000-1A1CR

**Brand:** Casio

**Item Weight:** Approximately 0.78 Pounds (0.35 Kilograms)

**Water Resistance Depth:** 200 Meters

**Material:** Blend (Resin case and band)

**Power Source:** Tough Solar (Solar powered)

**Timekeeping:** Atomic Timekeeping (Multi-Band 6)

**Sensors:** Digital Compass, Barometer, Altimeter, Thermometer (Triple Sensor)

**Additional Features:** World Time, Stopwatch, Countdown Timer, 5 Daily Alarms, Hourly Time Signal, Full Auto LED Light (Super Illuminator), Shock Resistant, Mud Resistant, Vibration Resistant.

**Dimensions (LxWxH):** Approximately 1 x 1 x 1 inches (Watch body)

## WARRANTY AND SUPPORT

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### Warranty Information

Your Casio G-Shock Mudmaster GWG-1000-1A1CR watch is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region. Please retain your proof of purchase for warranty claims.

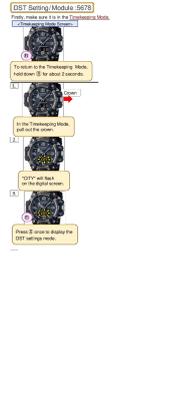
### Customer Support

For technical assistance, service, or further inquiries regarding your watch, please contact Casio customer support. Visit the official Casio website for contact information and service center locations in your region.

You can find more information and support resources by visiting the [Casio Store on Amazon](#).



## Related Documents - GWG-1000-1A1CR

	<p><a href="#">Casio G-SHOCK GWG-1000 (Module 5463) User Manual</a></p> <p>Comprehensive user manual for the Casio G-SHOCK GWG-1000 watch (Module 5463), covering operation, features, maintenance, troubleshooting, and technical specifications.</p>
	<p><a href="#">G-SHOCK Connected App Guide for MUDMASTER GGB100</a></p> <p>Comprehensive guide to the G-SHOCK Connected App, focusing on the MUDMASTER GGB100. Learn how to connect your watch, manage settings, track fitness, use GPS features, and set world time for accurate timekeeping and enhanced functionality.</p>
	<p><a href="#">Casio G-Shock 5678 DST Setting Guide</a></p> <p>Learn how to set Daylight Saving Time (DST) on your Casio G-Shock 5678 watch. This guide explains the steps to adjust DST settings to AUTO, OFF, or ON.</p>
	<p><a href="#">CASIO 5594 Watch User Guide: Features, Specifications &amp; Operation</a></p> <p>Comprehensive user guide for the CASIO 5594 watch, detailing its features including timekeeping, barometer, thermometer, compass, altimeter, stopwatch, mobile link, and specifications. Learn how to set time, navigate modes, and use all functions.</p>
	<p><a href="#">Инструкция к часам Casio G-SHOCK (Модуль 5623) и международная гарантия</a></p> <p>Полное руководство пользователя и информация о международной гарантии для часов Casio G-SHOCK (Модуль 5623) от i-Watch.Ru, включая инструкции по эксплуатации, настройке функций, Bluetooth-подключению и устранению неполадок.</p>
	<p><a href="#">Casio G-Shock Watch Guide: History, Models, and Time Setting</a></p> <p>Explore the history and evolution of Casio G-Shock watches, discover key models like the Gravitymaster and Rangeman, and learn how to set the time on your digital or analog G-Shock timepiece.</p>