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## CASIO GAW-100B-1A2JF

# CASIO G-SHOCK GAW-100B-1A2JF Radio-Controlled Solar Watch User Manual

Model: GAW-100B-1A2JF

## 1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your CASIO G-SHOCK GAW-100B-1A2JF watch. This model combines a robust, large case with a metal bezel, offering a blend of casual style and sophisticated toughness. It features advanced radio-controlled timekeeping and solar power technology, ensuring high practicality and durability.

Key features include a shock-resistant structure, 20 ATM water resistance, Multi-Band 6 radio reception for automatic time adjustment, Tough Solar power, world time functionality, stopwatch, timer, multiple alarms, and a double LED light for illumination.

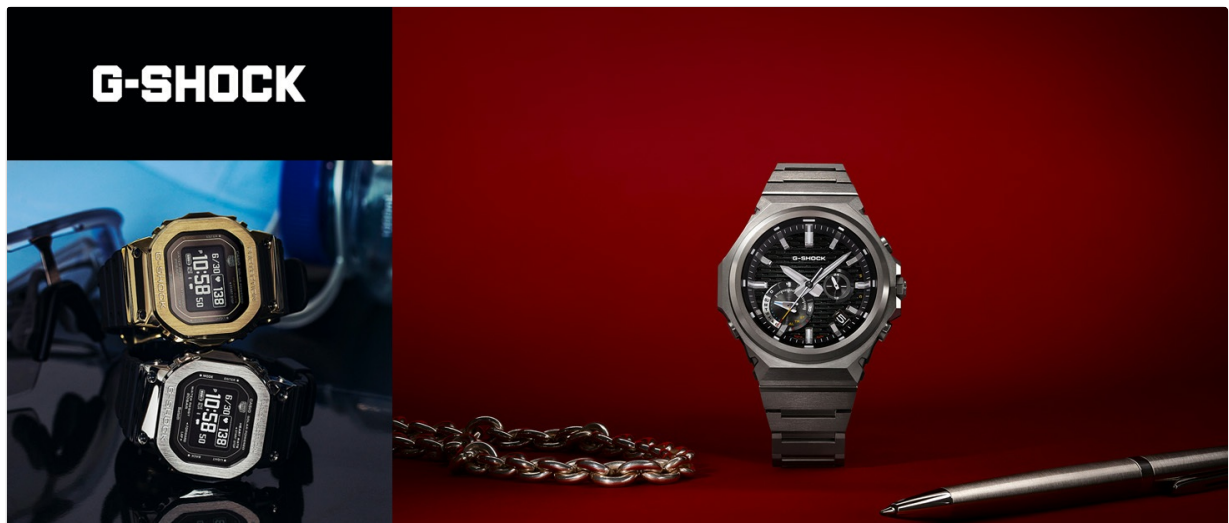


Image: The G-SHOCK GAW-100 series, showcasing various color options including the black and blue model.

## 2. SETUP

### 2.1 Initial Charging

Your G-SHOCK watch is equipped with Tough Solar technology, which converts light into power. Before initial use, expose the watch face to bright light for several hours to ensure it is sufficiently charged. The battery indicator will show the current charge level.

## 2.2 Time Calibration (Radio Reception)

The watch automatically receives standard radio waves to adjust the time. Ensure the watch is placed in a location where it can receive signals, typically near a window, especially at night. The watch supports Multi-Band 6 reception, covering Japan, North America, Europe, and China.

To perform a manual reception:

1. In Timekeeping Mode, press and hold the button (usually bottom right) for a few seconds until the watch enters reception mode.
2. The watch will attempt to receive the signal. This process may take several minutes.
3. Once successful, the time will be automatically corrected.

*Note: If radio wave reception is not performed, the watch operates with normal quartz accuracy (average monthly difference  $\pm 15$  seconds).*

## 2.3 Home City Setting

Setting your home city is crucial for correct time display and radio wave reception. Refer to the detailed instruction manual (included with the product) for specific steps on how to set your home city and time zone.



Image: A radio tower, symbolizing the Multi-Band 6 radio reception feature for accurate timekeeping.

## 3. OPERATING INSTRUCTIONS

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### 3.1 Timekeeping Mode

This is the default mode, displaying the current time, day, and date. You can switch between 12-hour and 24-hour formats.

### 3.2 World Time

The watch can display the current time in 48 cities across 31 time zones. It also includes a daylight saving time (DST) setting function and the ability to swap your home city time with a world time city.

### 3.3 Stopwatch

The stopwatch measures elapsed time with 1/100-second accuracy, up to 60 minutes. It includes a split time function.

### 3.4 Timer

The countdown timer can be set in 1-second units, with a maximum countdown time of 100 minutes.

### 3.5 Alarms

The watch features five independent daily alarms and an hourly time signal. The alarms can be set to sound at a specific time each day.

### 3.6 Illumination (Double LED Light)

The watch is equipped with a double LED light system, illuminating both the analog dial and the digital LCD display. It includes a full auto light feature, Super Illuminator, afterglow, and adjustable afterglow duration (1.5 or 3 seconds).



Image: Representation of the Full Auto Light feature.

### 3.7 Hand Shift Function

When the analog hands obstruct the digital display, this function allows you to temporarily move the hands out of the way for better visibility of the LCD information.

## 4. MAINTENANCE

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### 4.1 Cleaning

Regularly wipe the watch case and band with a soft, dry cloth to remove dirt and moisture. For resin bands, you can use a mild soap solution and rinse thoroughly, then dry completely.

### 4.2 Water Resistance

The watch is rated for 20 BAR (200 meters) water resistance, suitable for swimming and skin diving. After exposure to saltwater, rinse the watch with fresh water and dry it thoroughly. Do not operate buttons underwater.



Image: Demonstrating the shock-resistant structure and 20 ATM water resistance of the G-SHOCK.

### 4.3 Power Management

As a Tough Solar watch, it recharges using light. Ensure regular exposure to light to maintain optimal battery levels. The power saving function will turn off the display in darkness after a certain period to conserve energy.

Driving time from full charge without solar power generation: Approximately 7 months with normal function use, and approximately 18 months in power saving state.

## 5. TROUBLESHOOTING

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### 5.1 Incorrect Time Display

If the time is incorrect, first check if the watch has successfully received the radio signal. Perform a manual radio wave reception as described in Section 2.2. Ensure your home city setting is correct. If reception is consistently poor, the watch will operate with standard quartz accuracy.

### 5.2 Dim Display or Watch Not Functioning

This usually indicates a low battery charge. Expose the watch to bright light for an extended period to recharge it. Check the battery indicator to monitor the charge level.

### 5.3 Analog Hands Not Aligned

If the analog hands do not match the digital time, use the hand shift function to temporarily move them. If persistent, refer to the full manual for instructions on manual hand alignment correction.

## 6. SPECIFICATIONS

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<b>Model Number</b>	GAW-100B-1A2JF
<b>Brand</b>	CASIO G-SHOCK
<b>Weight</b>	72 g
<b>Case Diameter</b>	52.5 mm
<b>Case Thickness</b>	16.7 mm

<b>Band Material</b>	Urethane/Rubber
<b>Case Material</b>	Resin
<b>Crystal Material</b>	Glass
<b>Water Resistance</b>	20 BAR (200 meters)
<b>Movement</b>	Solar Radio-Controlled
<b>Battery</b>	1 Lithium Metal Battery (for backup)
<b>Special Features</b>	Shock Resistant, Tough Solar, Multi-Band 6 Radio Reception, World Time, 5 Alarms, Stopwatch, Timer, Hand Shift Function, Double LED Light, Full Auto Calendar, Power Saving

## 7. WARRANTY AND SUPPORT

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### 7.1 Warranty Information

This product comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accidents, or unauthorized repairs.

### 7.2 Customer Support

For further assistance, technical support, or service inquiries, please refer to the official CASIO website or contact your local CASIO service center. Contact details can typically be found on the warranty card or the manufacturer's website.