

## CASIO LCW-M300DB-1AJF

# CASIO Lineage Solar Radio Multiband6 LCW-M300DB-1AJF Watch User Manual

Model: LCW-M300DB-1AJF

## INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your CASIO Lineage Solar Radio Multiband6 LCW-M300DB-1AJF watch. Please read this manual thoroughly to ensure optimal performance and longevity of your timepiece. This watch combines solar power with radio-controlled timekeeping for accuracy and convenience.

## KEY FEATURES

- **Tough Solar Power:** Utilizes a solar charging system that converts light into power, eliminating the need for regular battery replacement.
- **Multiband 6 Radio Control:** Automatically receives time calibration signals from six transmission stations worldwide (Japan, North America, Europe, and China) to maintain accurate time.
- **100-Meter Water Resistance:** Suitable for swimming and snorkeling, but not for diving.
- **World Time:** Displays the current time in 48 cities (with daylight saving time setting) and Coordinated Universal Time (UTC).
- **Stopwatch:** 1/100-second stopwatch with a 24-hour measuring capacity.
- **Timer:** Countdown timer settable in 1-minute units up to 60 minutes, with a repeat function.
- **Alarms:** Five daily alarms, including one with a snooze function, plus an hourly time signal.
- **Battery Level Indicator:** Displays the current charge level of the watch's rechargeable battery.
- **Power Saving Function:** Automatically enters a power-saving mode when left in the dark for a certain period to conserve energy.
- **Full Auto Calendar:** Automatically adjusts for month lengths and leap years until the year 2099.
- **12/24-Hour Format:** Allows switching between 12-hour and 24-hour time displays.
- **Full Auto LED Light:** Automatically illuminates the display when the arm is tilted in the dark, with an afterglow feature.



Figure 1: Front view of the CASIO Lineage LCW-M300DB-1AJF watch, showcasing its black dial and stainless steel band.



Figure 2: The CASIO Lineage LCW-M300DB-1AJF watch displayed on a male wrist, illustrating its size and fit.

## SETUP AND INITIAL CONFIGURATION

## 1. Initial Charging (Tough Solar)

Before initial use, expose the watch to bright light for several hours to ensure it is sufficiently charged. The watch features a solar panel that converts light into electrical energy, stored in a rechargeable battery. Regular exposure to light is essential for maintaining optimal charge.



Figure 3: The watch face, where the solar panel is integrated to capture light for charging.

## 2. Time Calibration Signal Reception (Multiband 6)

Your watch automatically receives time calibration signals. For optimal reception, place the watch near a window at night. The watch will attempt to receive the signal automatically between midnight and 5:00 AM. Manual reception can also be initiated.

- **Automatic Reception:** The watch attempts to receive the signal up to six times a day.
- **Manual Reception:** Refer to the "Operating" section for instructions on initiating manual signal reception.





Figure 4: The watch display showing the current time, which is automatically synchronized via radio signals.

The Multiband 6 feature ensures accurate timekeeping by receiving signals from various global locations. If signal reception is not possible, the watch operates with the accuracy of a standard quartz movement (approximately  $\pm 15$  seconds per month).

### 3. Home City Setting

Set your Home City (time zone) to ensure correct time display and radio signal reception. This setting is crucial for the watch to automatically adjust to your local time.

1. In Timekeeping Mode, press and hold the **ADJUST** button (usually top left) until the city code starts to flash.
2. Use the **FORWARD** and **REVERSE** buttons (usually top right and bottom right) to select your desired city code.
3. Press the **ADJUST** button again to confirm and exit the setting mode.

## OPERATING THE WATCH

### Mode Switching

Press the **MODE** button (usually bottom left) to cycle through the different modes:

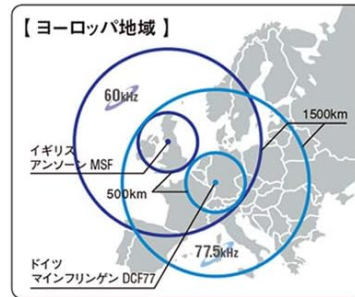
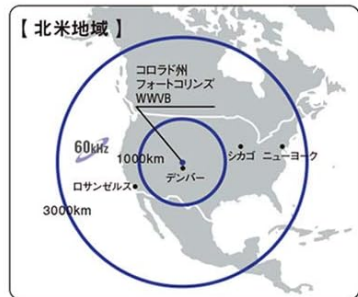
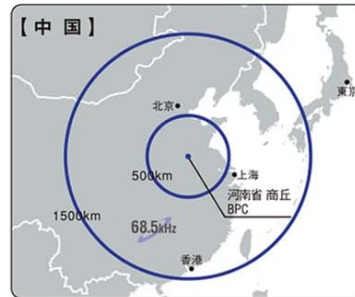
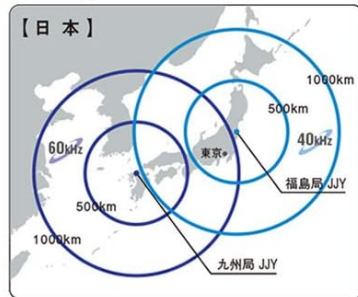
- Timekeeping Mode
- World Time Mode

- Alarm Mode
- Stopwatch Mode
- Timer Mode

# 時刻修正の手間から解放



世界6局の電波に対応。日本をはじめ、北米・ヨーロッパ・中国などの主要都市をカバー。



内蔵の小型アンテナで、  
時刻情報をのせた標準電波を高感度受信し、  
時刻を自動修正。

- 屋内でも電波を受信し、正確な時刻を表示 —  
※ 窓の近くなど、電波を受信しやすい環境の場合
- 夜間自動受信（最大6回）で正しい時刻表示をキープ —
- より少ない消費電力で受信可能 —

※ 電波受信が行われない場合は、通常のクォーツ精度での動作になり、時刻修正が必要になる場合もございます。

Figure 5: Side view of the watch, illustrating the location of the operational buttons.

## Using Specific Functions

### World Time Mode

In World Time Mode, use the **FORWARD** and **REVERSE** buttons to view the current time in different cities around the world. You can also swap your Home City time with the World Time city time.

### Alarm Mode

In Alarm Mode, you can set up to five independent daily alarms. One alarm includes a snooze function. Use the **ADJUST** button to select an alarm and the **FORWARD/REVERSE** buttons to set the alarm time. Press the **MODE** button to toggle alarms on/off.

## Stopwatch Mode

The stopwatch measures elapsed time, split times, and two finishes. Press the **START/STOP** button (usually top right) to start and stop the measurement. Press the **RESET** button (usually bottom right) to reset the stopwatch.

## Timer Mode

The countdown timer can be set from 1 minute up to 60 minutes. Use the **ADJUST** button to set the countdown time and the **START/STOP** button to begin the countdown. An alarm will sound when the timer reaches zero.

## Full Auto LED Light

The watch features an automatic LED backlight. When the auto light switch is enabled, tilting your wrist towards your face in a dark environment will automatically illuminate the display. This function can be enabled or disabled in Timekeeping Mode by holding the **LIGHT** button (usually bottom right) for a few seconds.

## MAINTENANCE

### Charging the Watch (Tough Solar)

To ensure continuous operation, expose the watch to light regularly. The watch charges most efficiently under direct sunlight. Indoor fluorescent lighting also charges the watch, but at a slower rate. Avoid prolonged storage in dark places, as this can deplete the rechargeable battery.

- **Charging Guidelines:** Place the watch where its face is exposed to light.
- **Battery Level Indicator:** Monitor the battery level indicator to ensure sufficient charge.
- **Power Saving:** The watch will enter Power Saving mode when left in the dark for an extended period to conserve charge.



Figure 6: The watch face, which acts as a solar panel for charging the internal battery.

## Water Resistance

The watch is rated for 100-meter water resistance. This means it is suitable for everyday use, swimming, and snorkeling. However, it is not designed for scuba diving. Avoid operating buttons while the watch is wet or submerged to prevent water ingress.

- Do not operate buttons underwater.
- Avoid exposing the watch to hot water or steam (e.g., showers, saunas) as this can compromise seals.
- After exposure to saltwater, rinse the watch with fresh water and wipe it dry.



# 電池交換の手間から解放



## タフソーラー (ソーラー充電システム)

太陽光はもちろん、蛍光灯などの光を動力にかえるカシオ独自のソーラー充電システム。わずかな光でも発電可能な小型ソーラーパネルと内蔵の大容量二次電池を組み合わせることで時刻表示をはじめ、アラームやライト\*など強い負荷のかかる機能を安定駆動させます。



\* 搭載機能は機種ごとによって異なります。

※ 画像はイメージになります。また掲載モデルは、LCW-M170D-1AJFになります。

※ 二次電池は光により充電されますので、一次電池のような定期的な電池交換の必要はありませんが、長期的なご使用や使用環境により容量や充電効率が低下、メンテナンスが必要になる場合もございます。

Figure 7: Back view of the watch, displaying the stainless steel case back with water resistance information.

### Cleaning

Wipe the watch and band with a soft, dry cloth to remove dirt and moisture. For stubborn dirt, use a soft brush with mild soap and water, then rinse thoroughly and dry. Avoid using chemical cleaners or solvents.

## TROUBLESHOOTING

### Time is Incorrect

- **Check Signal Reception:** Ensure the watch is in a location conducive to radio signal reception (e.g., near a window, away from electronic interference). Try initiating manual reception.
- **Home City Setting:** Verify that your Home City is correctly set for your current time zone.
- **Manual Time Adjustment:** If automatic reception consistently fails, you can manually set the time. Refer to

the full instruction manual for detailed steps on manual time adjustment.

Watch Stops or Display is Blank

- **Insufficient Charge:** The watch may not have enough power. Expose it to bright light for several hours to charge the solar battery.
- **Power Saving Mode:** The watch might be in Power Saving mode. Move it to a well-lit area or press any button to wake it up.

Buttons Do Not Respond

- **Water Exposure:** Ensure the watch is completely dry if it has been exposed to water.
- **Low Battery:** A very low battery charge can sometimes affect button responsiveness. Charge the watch fully.

SPECIFICATIONS

|                  |                                       |
|------------------|---------------------------------------|
| Model Number     | LCW-M300DB-1AJF                       |
| Brand            | LINEAGE (CASIO)                       |
| Movement         | Quartz (Solar Powered)                |
| Display Type     | Analog                                |
| Water Resistance | 100 Meters (Waterproof)               |
| Case Material    | Stainless Steel                       |
| Band Material    | Stainless Steel                       |
| Crystal Material | Mineral Glass                         |
| Case Diameter    | 42.8 Millimeters                      |
| Case Thickness   | 11.6 Millimeters                      |
| Band Width       | 11.6 Millimeters                      |
| Item Weight      | 127 Grams                             |
| Battery Type     | Rechargeable Solar Battery (included) |

PRODUCT VIDEO DEMONSTRATION

Watch this video for a visual overview of the CASIO Lineage LCW-M300DB-1AJF watch, showcasing its design and features.

Your browser does not support the video tag.

Video: A 21-second demonstration of the CASIO Lineage LCW-M300DB-1AJF watch, rotating to show its front, sides, and back, highlighting its sleek black design and digital/analog display.

## WARRANTY AND SUPPORT

Your CASIO Lineage watch is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including warranty period and coverage details.

### Customer Support

For technical assistance, repairs, or further inquiries, please contact CASIO customer support. Contact information can typically be found on the official CASIO website or on your warranty documentation.

- **Online Resources:** Visit the official CASIO website for FAQs, additional manuals, and support contact details.
- **Service Centers:** Information on authorized service centers can be found on the CASIO website.