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› Casio Wave Ceptor Solar - Multiband 6 Men's Watch WVQ-M410B-1AJF Instruction Manual

wave ceptor WVQ-M410B-1AJF

Casio Wave Ceptor Solar - Multiband 6 Men's Watch WVQ-M410B-1AJF Instruction Manual

Model: WVQ-M410B-1AJF

1. INTRODUCTION

Thank you for choosing the Casio Wave Ceptor Solar - Multiband 6 Men's Watch WVQ-M410B-1AJF. This advanced timepiece combines solar power with atomic timekeeping technology, ensuring accurate time without the need for battery replacement or manual time adjustments. This manual provides essential information for setting up, operating, and maintaining your watch.



Figure 1: Front view of the WVQ-M410B-1AJF watch.

Your browser does not support the video tag.

Video 1: Overview of the Casio Wave Ceptor Solar - Multiband 6 Men's Watch WVQ-M410B-1AJF. This video showcases the watch from various angles, highlighting its design and features.

2. SETUP

2.1 Initial Charge

Before first use, expose the watch to bright light for several hours to ensure it is sufficiently charged. The watch is powered by a solar cell located on its face, which converts light into electrical energy to charge a secondary battery. Avoid prolonged storage in dark places to prevent the battery from depleting.

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 2: Illustration of the Tough Solar (Solar Charging System) mechanism. Light energy is converted and stored to power the watch.

2.2 Time Zone and Home City Setting


To ensure accurate time reception, set your home city (time zone) correctly. Refer to the detailed user manual (Module 5174) available on the official Casio website for specific button operations. Incorrect home city settings can lead to inaccurate time display or failure to receive the time calibration signal.

2.3 Receiving the Time Calibration Signal (Multiband 6)

Your watch automatically receives time calibration signals from six transmission stations around the world (Japan, North America, Europe, China) to maintain accurate time. For optimal reception:

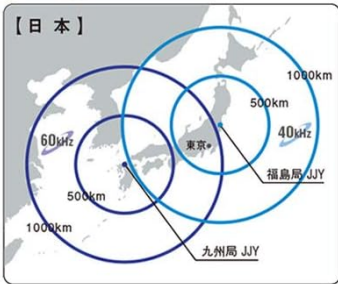
- Place the watch near a window or in an open area, away from metal objects or electronic devices.
- Ensure the 12 o'clock position of the watch is facing a window.
- Signal reception is typically stronger at night.

時刻修正の手間から解放

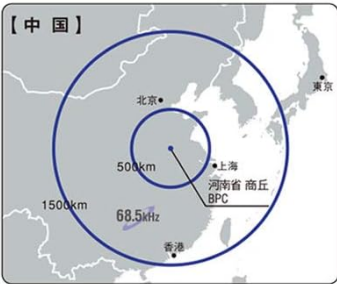


世界6局の電波に対応。日本をはじめ、北米・ヨーロッパ・中国などの主要都市をカバー。

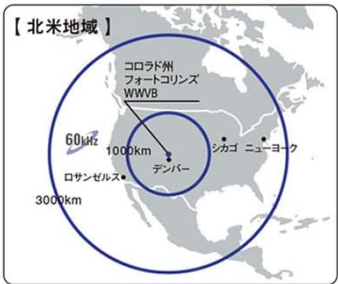
【日本】



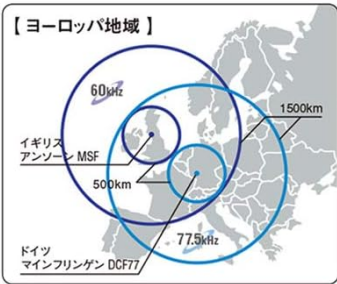
【中国】



【北米地域】



【ヨーロッパ地域】



**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 3: Global coverage map for Multiband 6 signal reception. The watch can receive signals from six different stations worldwide.

2.4 Hand Home Position Correction

If the analog hands do not align correctly with the digital time or the 12 o'clock position, you may need to perform a hand home position correction. This procedure ensures the hands are properly calibrated. Consult the full user manual for detailed steps.

3. OPERATING INSTRUCTIONS

The WVQ-M410B-1AJF features multiple modes and functions accessible via its buttons. Familiarize yourself with the button layout and their respective functions.



Figure 4: Rear view of the WVQ-M410B-1AJF watch, showing the case back and strap.

3.1 Mode Navigation

Press the 'Mode' button (usually bottom left) to cycle through the different modes: Timekeeping, Stopwatch, Timer, and Alarm. The current mode is typically indicated on one of the sub-dials or by the position of the second hand.

3.2 Stopwatch Function

The watch includes a 1/20-second stopwatch with a 24-hour capacity. In Stopwatch mode, use the 'Start/Stop' button (usually top right) to begin and end timing, and the 'Reset' button (usually bottom right) to clear the measurement.

3.3 Timer Function

A countdown timer is available, settable in 1-minute units up to 24 hours. In Timer mode, set the desired countdown time and start the timer. An alarm will sound when the countdown reaches zero.

3.4 Alarm Function

The watch features a daily alarm. In Alarm mode, set the desired alarm time. The alarm will sound at the set time each day until deactivated. Refer to the detailed manual for setting and deactivating the alarm.

3.5 Power Saving Function

To conserve power, the watch enters a 'sleep mode' when left in the dark for a certain period. In this mode, the display goes blank, but internal timekeeping continues. Exposing the watch to light will reactivate the display.

3.6 Full Auto Calendar

The watch is equipped with a full auto calendar, which automatically adjusts for different month lengths and leap years until the year 2099. Once set, you do not need to manually adjust the date.

WVQ-M410 機能一覧

- 10気圧防水
- タフソーラー（ソーラー充電システム）
- マルチバンド6（世界6局対応電波受信機能）
- ワールドタイム：世界29都市（サマータイム設定機能付き）
+UTC（協定世界時）の時刻表示
- ストップウォッチ（1/20秒、24時間計）
- タイマー（1分単位、24時間までセット可、1秒単位で計測）
- 時刻アラーム
- バッテリー充電警告機能
- パワーセービング機能
（暗所で一定時間が経過すると、自動的に節電）
- フルオートカレンダー（うるう年でも日付修正不要）

※ フル充電から発電無しでの駆動時間：
機能使用 / 約5ヵ月、 パワーセービング状態 / 約23ヵ月

※ 電波受信が行われない場合は、通常のクォーツ精度（平均月差
±15秒）で動作

Figure 5: Overview of WVQ-M410 features, including solar power, atomic timekeeping, and various time functions.

4. MAINTENANCE

4.1 Charging

Regular exposure to light is crucial for maintaining the watch's charge. Place the watch in a location where it can receive light, such as near a window, when not in use. Avoid covering the watch face for extended periods.

4.2 Cleaning

Wipe the watch regularly with a soft, dry cloth to remove dirt and moisture. For stubborn dirt, use a soft cloth dampened with water and a mild neutral detergent, then wipe dry. Avoid using volatile agents like thinner or benzene.

4.3 Water Resistance

This watch is 10 Bar water resistant, suitable for swimming and snorkeling. Do not operate buttons while the watch is wet or submerged. Avoid exposing the watch to hot water or steam, as this can damage the seals.

4.4 Battery

The watch uses a rechargeable secondary battery. Unlike conventional batteries, this battery does not require regular replacement. However, its capacity may decrease over many years of use. If the watch frequently enters power-saving mode or loses charge quickly, it may indicate the need for battery inspection by a qualified service center.

5. TROUBLESHOOTING

- **Watch not receiving time signal:** Ensure the watch is placed in an area with good signal reception (e.g., near a window, away from interference). Verify your home city setting is correct. Signal strength can vary by location and time of day.
- **Time is incorrect:** Check if the watch has sufficient charge. Perform a manual time signal reception. If the issue persists, verify the hand home position and adjust if necessary.
- **Watch stops or enters power saving frequently:** The watch may not be receiving enough light to charge. Ensure it is regularly exposed to bright light. Check the battery charge level indicator if available on your model.
- **Buttons are unresponsive:** Ensure the watch is not wet. If the watch has been exposed to extreme temperatures, allow it to return to normal operating temperature.

6. SPECIFICATIONS

Model Number	WVQ-M410B-1AJF
Power Source	Tough Solar (Solar Charging System)
Timekeeping	Multiband 6 (Atomic Timekeeping)
Water Resistance	10 Bar (100 meters)
Functions	World Time (29 cities), Stopwatch (1/20 sec, 24 hr), Timer (1 min unit, 24 hr), Daily Alarm, Battery Charge Warning, Power Saving, Full Auto Calendar
Dimensions	4.33 x 4.17 x 3.23 inches
Weight	1.62 ounces
Manufacturer	Casio

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your purchase or visit the

official Casio website. For technical support, service, or to download the complete English user manual (Module 5174), please visit the Casio support website or contact their customer service department.

Casio Official Support: www.casio.com/support