**Casio AEQ-110W**

# Casio Youth Series Analog-Digital Watch AEQ-110W-1BVDF User Manual

Model: AEQ-110W-1BVDF

## 1. Introduction

This manual provides detailed instructions for the proper use and maintenance of your Casio Youth Series Analog-Digital Watch, model AEQ-110W-1BVDF. This timepiece combines analog and digital displays, offering various functions including World Time, Telememo, Stopwatch, Countdown Timer, and multiple alarms. Please read this manual thoroughly to ensure optimal performance and longevity of your watch.




Figure 1: Front view of the Casio AEQ-110W-1BVDF watch.

## 2. Getting Started

### 2.1 Button Functions

Your watch features four primary buttons:

- **ADJUST (Top Left):** Used to enter and exit setting modes, and to confirm settings.
- **MODE (Bottom Left):** Used to cycle through the watch's various modes (Timekeeping, World Time, Telememo, Stopwatch, Countdown Timer, Alarm).
- **SET(-) (Top Right):** Used to decrease values during settings or to scroll backward.
- **SET(+) (Bottom Right):** Used to increase values during settings or to scroll forward.

### 2.2 Initial Setup

Upon first use or after a battery change, ensure the watch is set to your local time zone and current time.

## 3. Timekeeping Mode

The Timekeeping Mode displays the current time and date. Both analog hands and the digital display show the time.

### 3.1 Setting Digital Time and Date

1. In Timekeeping Mode, press and hold the **ADJUST** button until the city code starts flashing. This indicates the setting mode.
2. Press the **MODE** button to cycle through the settings: City Code → DST (Daylight Saving Time) → 12/24-Hour Format → Seconds → Hour → Minute → Year → Month → Day.
3. Use the **SET(-)** and **SET(+)** buttons to change the flashing value.
4. After setting all desired values, press the **ADJUST** button to exit the setting mode.

### 3.2 Adjusting Analog Hands

The analog hands automatically synchronize with the digital time. If they are out of alignment, manual adjustment may be required:

1. In Timekeeping Mode, press the **MODE** button five times to enter Hand Setting Mode (indicated by 'H-SET' or similar on the digital display).
2. Press and hold the **ADJUST** button until the digital time starts flashing.
3. Use the **SET(+)** button to advance the analog hands clockwise. Hold it down for rapid movement.
4. Once the analog hands match the digital time, press the **ADJUST** button to exit.

## 4. World Time Mode

The World Time Mode allows you to view the current time in 48 cities (29 time zones) around the globe.




Figure 2: Watch dial indicating World Time function.

### 4.1 Viewing World Time

1. From Timekeeping Mode, press the **MODE** button once to enter World Time Mode. The city code and time for the currently selected city will be displayed.
2. Use the **SET(-)** and **SET(+)** buttons to scroll through different city codes.

### 4.2 Swapping Home City and World Time City

To quickly swap your Home City time with the World Time City time:

- In World Time Mode, press and hold the **ADJUST** button for about three seconds. Your Home City and World Time City will swap.

## 5. Telememo Mode

The Telememo feature allows you to store up to 30 sets of name and telephone number data.




Figure 3: Watch dial highlighting the Telememo function.

### 5.1 Entering Telememo Data

1. From Timekeeping Mode, press the **MODE** button twice to enter Telememo Mode.
2. If the display shows 'NEW', press the **ADJUST** button to enter data entry mode. If data is already stored, use **SET(-)** or **SET(+)** to navigate to an empty record or an existing record you wish to edit.
3. The cursor will flash, indicating the character input position. Use **SET(-)** and **SET(+)** to change characters. Press **MODE** to move the cursor between characters and between name and number fields.
4. After entering the name and number, press **ADJUST** to store the data.

### 5.2 Recalling Telememo Data

1. In Telememo Mode, use **SET(-)** and **SET(+)** to scroll through stored records.

## 6. Alarm Mode

The watch features multiple alarms (AL1, AL2, AL3) and a Snooze Alarm (SNZ), plus an Hourly Time Signal (SIG).




Figure 4: Digital display showing Alarm and Countdown Timer indicators.

### 6.1 Setting an Alarm

1. From Timekeeping Mode, press the **MODE** button three times to enter Alarm Mode.
2. Use **SET(-)** or **SET(+)** to select the alarm (AL1, AL2, AL3, SNZ, SIG) you wish to set.
3. Press and hold the **ADJUST** button until the alarm hour starts flashing.
4. Use **SET(-)** and **SET(+)** to set the hour and minute. Press **MODE** to switch between hour and minute settings.
5. Press **ADJUST** to confirm and exit.

### 6.2 Turning Alarms On/Off

- In Alarm Mode, select the desired alarm (AL1, AL2, AL3, SNZ, SIG).
- Press the **SET(+)** button to toggle the alarm on or off. An indicator will appear on the display when an alarm is active.

## 7. Stopwatch Mode

The stopwatch measures elapsed time, split times, and two finishes.

### 7.1 Using the Stopwatch

1. From Timekeeping Mode, press the **MODE** button four times to enter Stopwatch Mode.
2. Press **SET(+)** to start the stopwatch.
3. Press **SET(+)** again to pause.
4. Press **SET(+)** to resume, or press **ADJUST** to reset to zero.
5. To record a split time, press **ADJUST** while the stopwatch is running. The split time will be displayed for a few seconds before returning to elapsed time.

## 8. Countdown Timer Mode

The countdown timer can be set for a period of one minute to 24 hours.

### 8.1 Setting the Countdown Timer

1. From Timekeeping Mode, press the **MODE** button five times to enter Countdown Timer Mode.
2. Press and hold the **ADJUST** button until the hour setting starts flashing.
3. Use **SET(-)** and **SET(+)** to set the desired hour and minute. Press **MODE** to switch between hour and minute settings.
4. Press **ADJUST** to confirm and exit.

### 8.2 Operating the Countdown Timer

1. In Countdown Timer Mode, press **SET(+)** to start the countdown.
2. Press **SET(+)** again to pause.
3. Press **SET(+)** to resume, or press **ADJUST** to reset to the initial set time.
4. When the countdown reaches zero, an alarm will sound for 10 seconds.

## 9. Care and Maintenance

### 9.1 Water Resistance

Your Casio AEQ-110W-1BVDF watch is water resistant to 100 meters (10 BAR). This means it is suitable for swimming, showering, and snorkeling. However, it is **not** suitable for scuba diving. Do not operate buttons while the watch is wet or submerged.

### 9.2 Cleaning

- Wipe the watch with a soft, dry cloth to remove dirt and moisture.
- For resin bands and cases, you can use a mild soap solution and a soft brush, then rinse thoroughly with water and dry completely.

- Avoid using harsh chemicals or abrasive cleaners, as these can damage the watch's finish.

### 9.3 Battery Information

This watch is equipped with a long-life battery, designed to last approximately 10 years under normal use. When the display becomes dim or functions become erratic, it is an indication that the battery needs replacement. Battery replacement should be performed by a qualified technician to maintain water resistance.




Figure 5: Indicator for long battery life.

## 10. Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Time is incorrect. | Incorrect time zone setting, manual adjustment needed, or battery low. | Verify Home City and DST settings. Perform manual digital and analog time adjustments. Consider battery replacement if issues persist. |
| Digital display is dim or blank. | Low battery. | Replace the battery. |
| Buttons do not respond. | Watch is wet, or a function is frozen. | Ensure the watch is dry before operating buttons. If frozen, try removing and reinserting the battery (professional service recommended). |
| Analog hands do not match digital time. | Misalignment after impact or magnetic exposure. | Perform manual analog hand alignment as described in Section 3.2. |

## 11. Specifications




Figure 6: Key features of the AEQ-110W-1BV watch.

- **Model Number:** AEQ-110W-1BVDF
- **Movement Type:** Quartz
- **Display Type:** Analog-Digital
- **Case Material:** Resin
- **Band Material:** Resin
- **Dial Glass Material:** Acrylic
- **Case Diameter:** 46.6 Millimeters
- **Water Resistance Depth:** 100 Meters (10 BAR)
- **Functions:** Telememo (30 records), World Time (29 time zones), 3 Daily Alarms + 1 Snooze Alarm, Hourly Time Signal, 1/100-second Stopwatch, Countdown Timer, Full Auto-calendar, 12/24-hour format.
- **Battery Life:** Approximately 10 years
- **Item Weight:** 49 Grams
- **Product Dimensions:** 6 x 10.6 x 1 cm

## 12. Warranty and Support

### 12.1 Manufacturer's Warranty

Your Casio AEQ-110W-1BVDF watch comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms, conditions, and duration of coverage. Retain your proof of purchase for warranty claims.

### 12.2 Customer Support

For further assistance, technical support, or service inquiries, please contact Casio customer service. You can find contact information on the official Casio website or through your local authorized Casio dealer.
Visit the Casio Store on Amazon for more information.

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