Casio WS-1700H-1AVCF

Casio Illuminator Tide Graph Moon Phase Digital Watch User Manual

Model: WS-1700H-1AVCF

INTRODUCTION

Thank you for choosing the Casio Illuminator Tide Graph Moon Phase Digital Watch, Model WS-1700H-1AVCF. This robust timepiece is designed for marine enthusiasts and outdoor adventurers, offering advanced features such as real-time tide level tracking, moon phase data, and 100-meter water resistance. With its durable construction and 10-year battery life, this watch is built for reliable performance in various conditions. This manual provides essential information for setting up, operating, and maintaining your watch.

Figure 1: Casio WS-1700H-1AVCF Digital Watch. This image displays the watch face with its digital display showing time, date, and indicators for tide graph and moon phase. The watch features a black resin case and strap, with clearly labeled buttons for 'Adjust', 'Light', 'Mode', and 'Search'.

SETUP

Before using your watch, perform the following initial setup steps to ensure accurate timekeeping and functionality.

1. Initial Time Setting

Your watch comes with a pre-programmed full auto-calendar until 2099, minimizing the need for manual date adjustments. However, initial time zone and time settings may be required.

1. Press and hold the **ADJUST** button (top left) until the city code starts flashing.
2. Use the **SEARCH** button (bottom right) to select your desired city code (time zone).
3. Press the **MODE** button (bottom left) to cycle through settings: DST (Daylight Saving Time), 12/24-hour format, Seconds, Hour, Minute, Year, Month, Day.

4. Use the **SEARCH** and **LIGHT** buttons (right side) to adjust the flashing value.

5. Press the **ADJUST** button to exit the setting mode.

2. Setting Tide Graph and Moon Phase Data

For accurate tide and moon phase information, you must set your current location's longitude and lunitidal interval. Refer to local tide charts or online resources for precise data for your area.

1. In Timekeeping Mode, press the **MODE** button repeatedly until you reach the Tide/Moon Data Mode.

2. Press and hold the **ADJUST** button until the longitude setting starts flashing.

3. Use the **SEARCH** and **LIGHT** buttons to set the longitude for your location.

4. Press the **MODE** button to move to the Lunitidal Interval setting.

5. Use the **SEARCH** and **LIGHT** buttons to set the lunitidal interval.

6. Press the **ADJUST** button to save settings and exit.

OPERATING YOUR WATCH

Your Casio watch offers multiple modes for various functions. Use the **MODE** button (bottom left) to navigate between them.

1. Timekeeping Mode

This is the default mode, displaying the current time, day of the week, and date. The tide graph and moon phase indicators are also visible.

- To illuminate the display in low light, press the **LIGHT** button (top right). The amber LED backlight has a selectable illumination duration.

2. Tide/Moon Data Mode

View detailed tide and moon phase information based on your configured settings.

- Press the **MODE** button to enter this mode.
- The display will show the current moon phase and a graph indicating high and low tides for the current day.
- Use the **SEARCH** button to view tide data for different dates.

3. Stopwatch Mode

Measure elapsed time with 1/100-second precision.

- Press the **MODE** button to navigate to the Stopwatch Mode.
- Press **START/STOP** (middle right) to start/stop timing.
- Press **ADJUST** to reset.

4. Countdown Timer Mode

Set a timer for up to 24 hours.

- Press the **MODE** button to navigate to the Countdown Timer Mode.
- Press and hold **ADJUST** to set the countdown time.
- Press **START/STOP** to start/stop the timer.

5. Alarm Mode

The watch features three independent multi-function alarms and a snooze function.

- Press the **MODE** button to navigate to the Alarm Mode.
- Use **SEARCH** to cycle through alarms (AL1, AL2, AL3, SNZ, SIG).
- Press and hold **ADJUST** to set an alarm time.
- Press **START/STOP** to turn alarms ON/OFF.

6. World Time Mode

View the current time in various major cities around the world.

- Press the **MODE** button to navigate to the World Time Mode.
- Use the **SEARCH** button to scroll through different city codes and their corresponding times.

MAINTENANCE

Proper care will extend the life and performance of your Casio watch.

Water Resistance

This watch is **100-meter water resistant**. This means it is suitable for swimming, snorkeling, and showering. 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.

Battery Life

The Casio WS-1700H-1AVCF is powered by a CR2025 battery, providing an approximate **10-year battery life**. When the display becomes dim or functions become erratic, it may be time for a battery replacement. It is recommended to have battery replacement performed by an authorized Casio service center to ensure water resistance is maintained.

Cleaning

Wipe the watch regularly with a soft, dry cloth. For stubborn dirt, use a soft cloth dampened with water and mild soap, then wipe dry. Avoid using chemical cleaners or solvents, as they can damage the watch's resin components.

TROUBLESHOOTING

If you encounter issues with your watch, try the following common troubleshooting steps:

- **Display is blank or dim:** The battery may be low. Replace the battery.
- **Incorrect time/date:** Re-adjust the time and date settings as described in the "Setup" section. Ensure the correct city code and DST setting are selected.
- **Tide/Moon data is inaccurate:** Verify that the longitude and lunitidal interval settings are correct for your location. These values are crucial for accurate calculations.
- **Buttons are unresponsive:** Ensure the watch is not wet or submerged when attempting to operate buttons. If the issue persists, a reset may be required (refer to Casio support for specific reset procedures for your model).
- **Watch is not water resistant after battery change:** Always ensure that the gasket is properly seated and the case back is securely tightened after any opening of the watch. It is highly recommended to have water resistance testing performed by a professional after battery replacement.

For more complex issues or repairs, please contact Casio customer support.

SPECIFICATIONS

Feature	Description

Model Number	WS-1700H-1AVCF
Water Resistance	100 meters (330 feet)
Battery Life	Approx. 10 years (CR2025)
Display Type	Digital
Backlight	Amber LED with selectable illumination duration
Functions	Tide Graph, Moon Phase, World Time, 1/100-second Stopwatch, 24-hour Countdown Timer, 3 Multi-function Alarms, Hourly Time Signal, Full Auto-Calendar (to 2099), 12/24-hour format
Case/Bezel Material	Resin
Band Material	Resin
Dimensions	4.41 x 3.62 x 2.83 inches (Package Dimensions)
Weight	4 ounces (Package Weight)

WARRANTY & SUPPORT

For warranty information, please refer to the warranty card included with your purchase or visit the official Casio website. Casio provides comprehensive customer support for product inquiries, service, and repairs.

Casio Official Website: www.casio.com

For specific model support or to locate a service center, please use the model number WS-1700H-1AVCF when contacting support.