Casio HS-80TW-1EF

Casio HS-80TW-1EF Digital Stopwatch User Manual

Model: HS-80TW-1EF

1. Introduction

Thank you for choosing the Casio HS-80TW-1EF Digital Stopwatch. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device. Please read this manual thoroughly to ensure optimal performance and longevity of your stopwatch.

Image 1.1: Casio HS-80TW-1EF Digital Stopwatch. This image displays the front view of the black digital stopwatch, showing its display and control buttons.

2. Features

The Casio HS-80TW-1EF Digital Stopwatch is designed for precise timing with a range of useful functions:

- **Timekeeping Mode:** Displays current time (hour, minute, second), date, and day of the week.
- **Stopwatch Mode:** Measures elapsed time, split times, and 1st-2nd place times with 1/100 second accuracy.
- **Countdown Timer:** Configurable countdown timer for various activities.
- **Daily Alarm:** An audible alarm function.
- **Water Resistance:** Designed for everyday use, resistant to splashes.
- **Durable Resin Casing:** Provides protection and a lightweight design.

3. Setup

3.1. Battery Installation

The stopwatch comes with a pre-installed battery. If the display becomes dim or unresponsive, the battery may need replacement. This model typically uses a CR2032 lithium battery.

1. Using a small Phillips screwdriver, carefully remove the screws on the back cover.
2. Gently lift the back cover to expose the battery compartment.
3. Remove the old battery and insert a new CR2032 battery with the positive (+) side facing up.
4. Replace the back cover and secure the screws. Ensure the gasket is properly seated to maintain water resistance.

3.2. Initial Time Setting

After battery installation or reset, you may need to set the current time and date.

1. In Timekeeping Mode, press and hold the **MODE** button until the seconds begin to flash, indicating setting mode.
2. Press the **START/STOP** button to cycle through the settings (seconds, hour, minute, year, month, day).
3. Use the **LAP/RESET** button to adjust the flashing value.
4. Once all settings are correct, press the **MODE** button again to exit the setting mode.

4. Operating Instructions

4.1. Mode Selection

Press the **MODE** button to cycle through the different functions: Timekeeping Mode, Stopwatch Mode, Countdown Timer Mode, and Alarm Mode.

4.2. Stopwatch Mode

To use the stopwatch function:

1. Navigate to Stopwatch Mode using the **MODE** button. The display will show "00:00:00".
2. Press the **START/STOP** button to start timing.
3. Press the **START/STOP** button again to stop timing.
4. Press the **LAP/RESET** button to reset the stopwatch to zero.
5. **Split/Lap Timing:** While the stopwatch is running, press the **LAP/RESET** button to record a split time. The display will momentarily show the split time while the stopwatch continues to run in the background. Press **LAP/RESET** again to return to the running time. To record 1st and 2nd place times, press **LAP/RESET** when the first finisher crosses the line, then press **START/STOP** when the second finisher crosses. Press **LAP/RESET** to view the 1st and 2nd place times.

4.3. Countdown Timer Mode

To set and use the countdown timer:

1. Navigate to Countdown Timer Mode using the **MODE** button.
2. Press and hold the **LAP/RESET** button until the timer setting flashes.
3. Use the **START/STOP** button to select the hour, minute, or second to set.
4. Use the **LAP/RESET** button to adjust the flashing value.
5. Press the **MODE** button to confirm the setting and exit.
6. Press the **START/STOP** button to start or pause the countdown.
7. When the countdown reaches zero, an alarm will sound. Press any button to stop the alarm.

4.4. Alarm Mode

To set and activate the daily alarm:

1. Navigate to Alarm Mode using the **MODE** button.
2. Press and hold the **LAP/RESET** button until the alarm time flashes.
3. Use the **START/STOP** button to select the hour or minute to set.
4. Use the **LAP/RESET** button to adjust the flashing value.
5. Press the **MODE** button to confirm the setting.
6. Press the **START/STOP** button to toggle the alarm ON/OFF. An alarm indicator will appear on the display when activated.

5. Maintenance

5.1. Cleaning

Wipe the stopwatch with a soft, dry cloth. For stubborn dirt, use a cloth dampened with water and a mild soap, then wipe dry. Avoid using harsh chemicals or abrasive cleaners.

5.2. Battery Replacement

Refer to Section 3.1 for battery replacement instructions. It is recommended to have the battery replaced by a qualified technician to ensure proper sealing and water resistance.

5.3. Water Resistance Precautions

The stopwatch is designed to be splash-resistant. Avoid submerging the stopwatch in water or operating buttons while it is wet, as this can compromise the water resistance and cause damage.

6. Troubleshooting

- **Blank Display:** Check the battery. If the battery is new and correctly installed, perform a reset by briefly touching the AC contact on the module to the battery's negative terminal (refer to battery replacement section for module access).
- **Incorrect Time/Date:** Re-enter the time and date settings as described in Section 3.2.
- **Buttons Unresponsive:** Ensure the stopwatch is not in a locked mode (if applicable, though this model typically does not have a lock function). If the issue persists, try a battery reset.
- **Inaccurate Timing:** Ensure the stopwatch is in the correct mode. If timing remains inaccurate, the unit may require servicing.

7. Specifications

Model Number	HS-80TW-1EF
Brand	Casio
Material	Resin
Dimensions (L x W x H)	5.51 x 11.71 x 8.99 cm
Item Weight	82 g
Screen Size	4.61 Inches
Power Source	Battery (CR2032 recommended)
Accuracy	1/100 second for stopwatch function

8. Warranty and Support

This Casio product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region. Please retain your proof of purchase for warranty claims.

For technical support, service, or warranty inquiries, please contact Casio customer service or visit the official Casio website for your region. Contact information can typically be found in the packaging or on the Casio corporate website.

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