

Casio PRG-270-1

Casio Pro Trek PRG-270-1 Tough Solar Digital Sport Watch Instruction Manual

Model: PRG-270-1

1. INTRODUCTION

This manual provides essential instructions for the proper use and maintenance of your Casio Pro Trek PRG-270-1 Tough Solar Digital Sport Watch. This timepiece is equipped with Casio's advanced Triple Sensor Version 3 technology, offering precise measurements for altitude, barometric pressure, temperature, and digital compass readings. Its Tough Solar power system ensures reliable operation by converting light into energy, eliminating the need for frequent battery replacements. Designed for outdoor enthusiasts, the watch also features 100-meter water resistance and low-temperature resistance.



Figure 1: Front view of the Casio Pro Trek PRG-270-1 watch.

2. SETUP

2.1 Initial Charge

Your watch is powered by a solar rechargeable battery. Upon first use or after prolonged storage, expose the watch face to bright light (sunlight or fluorescent light) for several hours to ensure a full charge. The battery level indicator (H, M, L) on the display shows the current charge status.

2.2 Time Setting and Format

To set the current time and date, or to switch between 12-hour and 24-hour formats:

1. In Timekeeping Mode, press and hold the **ADJUST** button (top-left) until 'SET' appears and your Home City code starts flashing.
2. Press the **MODE** button (bottom-left) twice to navigate to the 12H/24H setting.
3. Use the **ALTI** button (bottom-right) to toggle between 12-hour and 24-hour display formats.
4. Press the **ADJUST** button twice to save your selection and exit the setting mode.

Video: Instructions on how to change the time format between 12-hour and 24-hour on the Casio Pro Trek PRG-270-1 watch.

2.3 Home City and Daylight Saving Time (DST)

To set your Home City and adjust Daylight Saving Time:

1. In Timekeeping Mode, press and hold the **ADJUST** button until 'SET' appears and your Home City code starts flashing.
2. Use the **COMP** button (top-right) or **ALTI** button (bottom-right) to select your desired Home City code.
3. Press the **MODE** button to cycle through other settings until 'DST' appears.
4. Use the **ALTI** button to toggle DST 'ON' or 'OFF'.
5. Press the **ADJUST** button twice to save your selection and exit the setting mode.

Video: Guide on setting Daylight Saving Time (DST) on the Casio Pro Trek PRG-270-1 watch.

3. OPERATING MODES

3.1 Digital Compass

The Digital Compass mode provides direction and bearing readings. Ensure the watch is held level for accurate readings.

1. From any mode, press the **COMP** button (top-right) to enter Digital Compass Mode.
2. The display will show the current direction (e.g., N, S, E, W) and degree value. The thickest arrow indicates North.
3. To set a bearing memory (a target direction), point the watch in the desired direction and press the **ADJUST** button (top-left). The bearing will be displayed.
4. To clear a bearing memory, press the **ADJUST** button again.
5. The compass will take readings for 60 seconds before pausing. Press **COMP** again to resume.

Video: Basic instructions for using the Digital Compass mode on the Casio Pro Trek PRG-270-1 watch.

3.2 Barometer and Thermometer

The watch can measure barometric pressure and temperature. For accurate temperature readings, remove the watch from your wrist and allow it to stabilize for 20-30 minutes to avoid body heat interference.

1. From any mode, press the **BARO** button (middle-right) to enter Barometer/Thermometer Mode.
2. The display will show the current barometric pressure and temperature.
3. To adjust the thermometer value (calibration):
 - a. In Barometer/Thermometer Mode, press and hold the **ADJUST** button until the temperature value starts flashing.
 - b. Use the **COMP** button to decrease the value or the **ALTI** button to increase the value.

- c. To reset to factory default, press and hold both the **COMP** and **ALTI** buttons simultaneously until 'OFF' appears, then release.
- d. Press the **ADJUST** button to save and exit.

Video: Instructions on how to adjust the thermometer value on the Casio Pro Trek PRG-270-1 watch.

3.3 Countdown Timer

The Countdown Timer can be set from 1 minute up to 24 hours and runs in the background.

1. From Timekeeping Mode, press the **MODE** button (bottom-left) repeatedly until 'TMR' (Timer) appears.
2. Press and hold the **ADJUST** button until the hour value starts flashing.
3. Use the **COMP** button to decrease the hour value or the **ALTI** button to increase it.
4. Press the **MODE** button to switch to minute setting, then adjust using **COMP/ALTI**.
5. Press the **ADJUST** button to save the timer setting.
6. To start/pause the timer, press the **ALTI** button. To reset, press the **COMP** button while paused.

Video: How to set and use the Countdown Timer on the Casio Pro Trek PRG-270-1 watch.

3.4 Alarms and Hourly Time Signal

The watch features 5 daily alarms (4 one-time, 1 snooze) and an hourly time signal.

1. From Timekeeping Mode, press the **MODE** button repeatedly until 'ALM' (Alarm) appears.
2. Use the **COMP** or **ALTI** buttons to cycle through AL-1 to AL-4, SNZ (Snooze Alarm), and SIG (Hourly Time Signal).
3. To set an alarm time:
 - a. While the desired alarm (e.g., AL-1) is displayed, press and hold the **ADJUST** button until the hour value starts flashing.
 - b. Use the **COMP** or **ALTI** buttons to adjust the hour.
 - c. Press the **MODE** button to switch to minute setting, then adjust using **COMP/ALTI**.
 - d. Press the **ADJUST** button to save the alarm time.
4. To turn an alarm or hourly signal ON/OFF, select it and press the **BARO** button (middle-right). 'ON' or 'OFF' will be displayed.

Video: Instructions on how to set alarms on the Casio Pro Trek PRG-270-1 watch.

3.5 Automatic Backlight

The Full Auto LED (Super Illuminator) Backlight can be set to activate automatically when you tilt your wrist towards you.

1. In Timekeeping Mode, press and hold the **LIGHT** button (bottom-center) for about 3 seconds.
2. 'LT' will appear on the display, indicating that the Auto Light feature is enabled.
3. To disable, press and hold the **LIGHT** button again until 'LT' disappears.

Video: How to enable and disable the Auto Backlight feature on the Casio Pro Trek PRG-270-1 watch.

3.6 Backlight Duration

You can adjust the duration the backlight stays on (1.5 seconds or 3 seconds).

1. In Timekeeping Mode, press and hold the **ADJUST** button until 'SET' appears and your Home City code starts flashing.
2. Press the **MODE** button repeatedly until 'LIGHT' appears.
3. Use the **ALTI** button to toggle between '1' (1.5 seconds) and '3' (3 seconds).
4. Press the **ADJUST** button twice to save your selection and exit the setting mode.

Video: How to adjust the backlight duration on the Casio Pro Trek PRG-270-1 watch.

4. MAINTENANCE

4.1 Battery Level and Power Saving

The watch features a solar rechargeable battery. The battery level indicator (H: High, M: Medium, L: Low) is displayed on the watch face. When the battery level is low (L), some functions may be disabled. Expose the watch to light to charge it.

The Power Saving Function automatically turns off the display when the watch is left in the dark for a certain period to conserve power. The display will reactivate when exposed to light or a button is pressed.

4.2 Water and Temperature Resistance

The PRG-270-1 is 100-meter water resistant, suitable for swimming and snorkeling, but not for scuba diving. It is also low-temperature resistant down to -10°C (14°F).

4.3 Cleaning and Care

Regularly wipe the watch with a soft, dry cloth to remove dirt and moisture. Avoid using chemical cleaners. If the watch comes into contact with saltwater, rinse it thoroughly with fresh water and dry it completely.

5. TROUBLESHOOTING

- **Inaccurate Sensor Readings:** Ensure the watch is level for compass readings. For temperature, remove from wrist and allow stabilization. Calibrate sensors as needed (refer to full manual for detailed calibration steps).
- **Display Blank:** The Power Saving Function may have activated. Expose the watch to light or press any button. If the battery level is 'L', charge the watch.
- **Buttons Not Responding:** The watch may be in a specific mode or the battery might be extremely low. Try charging or resetting the watch (refer to full manual).

For more detailed troubleshooting, please refer to the comprehensive user manual available on the Casio official website.

6. SPECIFICATIONS


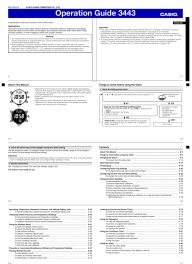
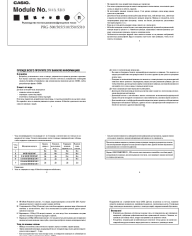
Model Number	PRG270-1
Manufacturer	Casio
Material	Resin
Product Dimensions	0.59 x 0.59 x 0.59 inches

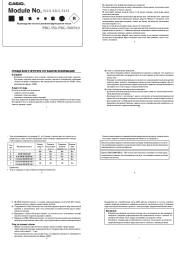


Item Weight	8.47 ounces
Water Resistance	100 Meters
Low Temperature Resistance	-10°C (14°F)
Battery Type	Solar Rechargeable Battery (1 CR2 battery included)
Approx. Battery Life (full charge)	9 months (without further exposure to light)

7. WARRANTY AND SUPPORT

This product is covered by a manufacturer's warranty. For specific warranty details, service, or additional support, please visit the official Casio website or contact their customer service department. Keep your proof of purchase for warranty claims.

Related Documents - PRG-270-1

	<p>Casio PRO TREK Outdoor Watches: Model Guide, Features & Specifications</p> <p>Discover the rugged and feature-rich Casio PRO TREK line of outdoor watches. This brochure details models equipped with advanced Triple Sensor technology, Tough Solar power, and durable designs for adventurers. Explore specifications, functions, and design highlights for series like Multi Field, Blue Moment, and Real Material, including models such as PRG-600, PRW-7000, PRW-6100, PRW-3100, PRW-3510, PRG-240, and PRG-270.</p>
	<p>Casio Pro Trek PRG-330-1ER Operation Guide: Features, Functions, and Manual</p> <p>Comprehensive operation guide for the Casio Pro Trek PRG-330-1ER watch. Learn about its digital compass, altimeter, barometer, thermometer, stopwatch, world time, solar charging, and other advanced features.</p>
	<p>Casio PRG-500/505/510/550/S510 User Manual - Operation and Features</p> <p>Detailed user manual for Casio PRG-500/505/510/550/S510 watches, covering setup, modes, sensors (altimeter, barometer, compass), world time, stopwatch, alarm, and technical specifications.</p>

	<p>CASIO Руководство пользователя: Модули 5113, 5213 (PRG-550, PRG-500/510)</p> <p>Подробное руководство пользователя для часов CASIO с модулями 5113 и 5213, включая модели PRG-550, PRG-500 и PRG-510. Узнайте о настройке времени, использовании датчиков (компас, барометр, альтиметр), водозащите, солнечной зарядке и уходе.</p>
	<p>Casio Module No. 3443 (PRG-300/330) - Полное руководство пользователя</p> <p>Полное руководство пользователя для часов Casio Module No. 3443, модели PRG-300 и PRG-330. Содержит информацию о функциях высотомера, барометра, термометра, компаса, водонепроницаемости, настройке и уходе за часами.</p>
	<p>Casio Watch Water Resistance Guidelines, Care, and Battery FAQs</p> <p>Comprehensive guide to Casio watch water resistance ratings, do's and don'ts for watch care, and frequently asked questions about battery replacement and maintenance for Casio watches.</p>