Casio PRW-3510Y-8

Casio PRW3500 Series Pro Trek Watch Instruction Manual

Model: PRW-3510Y-8

Introduction

This manual provides detailed instructions for the proper use and maintenance of your Casio PRW3500 Series Pro Trek watch. This timepiece is equipped with advanced features including Tough Solar power, Atomic Timekeeping, a digital compass, altimeter, barometer, and thermometer, designed for outdoor enthusiasts. Please read this manual thoroughly to ensure optimal performance and longevity of your watch.



Front view of the Casio PRW3500 Series Pro Trek watch, highlighting its digital display and various function indicators for compass, altimeter, and barometer.

Setup

1. Initial Charging (Tough Solar)

Your watch is powered by a solar cell. To ensure proper operation, expose the watch face to light regularly. For initial setup or after prolonged storage in darkness, place the watch in direct sunlight or under a strong light source for several hours. The power indicator on the display will show the current charge level.

2. Time Calibration (Atomic Timekeeping)

The watch automatically receives time calibration signals to maintain accurate time. Ensure the watch is placed in a location where it can receive signals, typically near a window, especially during nighttime hours (between midnight and 2:00 AM). Manual reception can also be initiated if needed. Refer to the detailed signal reception instructions in the full user manual for specific procedures.

3. Basic Time and Date Settings

While atomic timekeeping generally handles time and date, you may need to manually set your home city (time zone) and daylight saving time (DST) settings. Use the 'Mode' button to navigate to the Timekeeping Mode and the 'Adjust' button to enter setting mode. Follow the on-screen prompts to configure these settings.

Operating Instructions

General Button Functions

- **Mode Button:** Cycles through different modes (Timekeeping, Compass, Altimeter, Barometer, Thermometer, World Time, Stopwatch, Countdown Timer).
- **Adjust Button:** Used to enter and exit setting modes, and to adjust values.
- **Light Button:** Activates the LED backlight.
- **Compass Button:** Directly accesses the Digital Compass mode.
- **Altimeter/Barometer Button:** Directly accesses the Altimeter/Barometer mode.

Digital Compass

Press the Compass button to enter Compass Mode. The watch will display the current direction and a graphic representation of the compass points. For accurate readings, hold the watch level and away from magnetic interference. Calibration may be required periodically; refer to the full manual for calibration procedures.

Altimeter and Barometer

Press the Altimeter/Barometer button to view altitude and atmospheric pressure. The watch uses a pressure sensor to measure these values. Altitude readings are relative and can be affected by changes in atmospheric pressure. Calibrate the altimeter using a known altitude reference point for best accuracy. The barometer displays pressure trends, which can indicate weather changes.

Thermometer

The watch includes a thermometer. For accurate ambient temperature readings, remove the watch from your wrist and allow it to stabilize for 20-30 minutes, as body heat can affect the sensor. The temperature is displayed in Celsius or Fahrenheit, depending on your settings.

World Time

In World Time Mode, you can view the current time in various major cities around the globe. Use the watch buttons to scroll through different city codes. This feature is useful for international travel or communicating across time zones.

Stopwatch and Countdown Timer

The stopwatch measures elapsed time, split times, and two finishes with 1/100-second accuracy. The countdown timer

allows you to set a specific time for a countdown, useful for various activities. Refer to the full manual for detailed operation of these functions.

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Official product video showcasing the Casio Pro Trek watch, highlighting its design and features.

Maintenance

Tough Solar Power System

To maintain optimal battery charge, expose the watch to light regularly. Avoid prolonged storage in dark places. The watch features a power saving function that turns off the display when left in darkness to conserve energy. A full charge can last for several months even without light exposure, but regular charging is recommended.

Water Resistance (200m)

The Casio PRW3500 is water resistant to 200 meters (660 feet). This makes it suitable for professional marine activity and serious surface water sports. It is not recommended for scuba diving. After exposure to saltwater, rinse the watch with fresh water and wipe it dry to prevent corrosion.

Band Replacement

The watch band is attached with screws on both sides of the watch case. Replacing the band requires specific tools and careful handling to avoid damage. It is recommended to have band replacements performed by a qualified watch technician or an authorized Casio service center to ensure proper reassembly and maintain water resistance.

Troubleshooting

- **Incorrect Time:** Ensure the watch is receiving atomic time signals. Check your home city and DST settings. If manual adjustment is needed, refer to the 'Basic Time and Date Settings' section.
- **Inaccurate Sensor Readings (Compass, Altimeter, Thermometer):** Sensors may require calibration. Refer to the specific sensor sections in the full manual for calibration procedures. Ensure the watch is not near strong magnetic fields for compass readings, and remove it from your wrist for accurate temperature readings.
- **Low Power Indicator:** Expose the watch face to bright light for an extended period to charge the battery. If the issue persists, the rechargeable battery may need servicing.
- **Display Blank:** The watch may be in power-saving mode due to prolonged darkness or the battery level is critically low. Expose to light.

Specifications

- **Model Number:** PRW-3510Y-8
- **Brand:** Casio
- **Power Source:** Tough Solar (Solar powered)
- **Timekeeping:** Atomic Timekeeping (Multi-Band 6)
- **Water Resistance:** 200 meters (660 feet)
- **Sensors:** Digital Compass, Altimeter, Barometer, Thermometer
- **Display:** Digital with LED Backlight
- **Case Diameter:** Approximately 55mm
- **Material:** Resin case and band, Mineral Glass

- **Low-Temperature Resistant:** -10°C (14°F)
- **Functions:** World Time, 1/100-second Stopwatch, Countdown Timer, Full Auto-Calendar
- **Batteries:** 1 C battery required (included, rechargeable)
- **Product Dimensions:** 4.35 x 4.65 x 3.8 inches; 3.32 ounces

Warranty and Support

For warranty information regarding your Casio PRW3500 Series Pro Trek watch, please refer to the official warranty documentation provided with your product or visit the Casio Store. For further assistance, contact Casio customer support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question