

Casio to Release PRO TREK Watch with New Compass Bearing Sensor for Outdoor Pursuits

Extensive Features Include Tide Graphs and Precise Compass Bearing, Atmospheric Pressure/Altitude, and Temperature Readings



PRW-7000

BASEL, March 16, 2016 — Casio Computer Co., Ltd., announced today the release of the PRW-7000, the latest addition to its PRO TREK line of outdoor watches. The PRW-7000 features water resistance to 20 bar and a compass bearing sensor with auto horizontal compensation. The second hand and indicator hand display various outdoor data for ease of viewing.

The PRO TREK series of outdoor watches leverages Casio sensor technology to measure different types of outdoor data. In particular, PRO TREK models equipped with Triple Sensor Ver. 3 technology deliver precise compass bearing, atmospheric pressure/altitude, and temperature readings, and have proven to be a hit with people who are active in the mountains and other places in the great outdoors.

The PRW-7000 features Triple Sensor Ver. 3 technology that delivers useful features for the outdoors, in activities ranging from mountaineering and trekking to ocean and river pursuits such as fishing, kayaking, and rafting.

The compass bearing sensor, featuring auto horizontal compensation, provides accurate bearing readings even during activities in which the watch is constantly tilted. The digital display and second hand both convey various measurement data. Meanwhile, the indicator hand at the 5 o'clock position, which is equipped with a Dual Coil Motor that enables it to move at high speed, quickly shows tide graph data and atmospheric pressure or altitude differences. Bearing memory can memorize the direction of the destination, using the second hand to point north and the indicator hand to point toward the destination.

Large index marks and a high-contrast watch face ensure maximum readability. The watch is water resistant to 20 bar for use around water, and anglers will appreciate the Fishing Timer, which suggests the best times to fish. With its array of features, the PRW-7000 is useful for many activities.



Specifications

Performance	Low-temperature resistance (-10°C/14°F), 200-meter water resistance
Radio Frequencies	77.5 kHz (DCF77: Germany); 60 kHz (MSF: UK); 60 kHz (WWVB: USA); 40 kHz (JJY: Fukushima, Japan) / 60 kHz (JJY: Kyushu, Japan); 68.5 kHz (BPC: China)
Radio Wave Reception	Automatic reception up to six times a day (except in China, where up to five times a day); manual reception
Digital Compass	Measures and displays direction as one of 16 points with the second hand; measuring range: 0° to 359°; measuring unit: 1°; 60 seconds continuous measurement; bearing memory (records one set of degree and direction); auto horizontal compensation; bidirectional calibration and magnetic declination correction
Barometer	Measuring range: 260 hPa to 1,100 hPa (7.65 inHg to 32.45 inHg); atmospheric pressure tendency graph (measured every 2 hours or 30 minutes), measuring unit: 1 hPa (0.05 inHg); atmospheric pressure change indicator (± 10 hPa); atmospheric pressure tendency alarm (arrow indicates significant pressure changes)
Altimeter	Measuring range: -700 m to 10,000 m (-2,300 ft to 32,800 ft.); measuring unit: 1 m (5 ft.); manual memory measurements (up to 30 records, each including altitude, date, time); auto log data (high/low altitudes, cumulative ascent and descent of particular treks); altitude change indicator ($\pm 100\text{m}/\pm 1000$ m); relative altitude readings (-3,000m to 3,000 m); measurement interval setting* (every 5 seconds / every 2 minutes) * second for first 3 minutes only
Thermometer	Measuring range: -10°C to 60°C (14°F to 140°F); measuring unit: 0.1°C (0.2°F)
Stopwatch	1/100 second; measuring capacity: 24 hours; measuring modes: elapsed time, split time, 1st and 2nd place times
World Time	48 cities (31 time zones; daylight saving on/off, home city/world time city swapping) and Coordinated Universal Time, auto switching/standard time and Coordinated Universal Time
Countdown Timer	Measuring unit: 1 second (maximum 60 minutes)
Alarm	5 independent daily alarms; hourly time signal
Tide Graph	Tide level for specific date and time
Moon Data	Moon age of the specific date

Other Functions	Sunrise/sunset time display; Fishing Timer; full auto-calendar; 12/24-hour format; battery level indicator; button operation tone on/off; full auto double LED backlight with afterglow:1.5/3.0 seconds; hand-concealment function (manual, auto: barometer/altimeter/thermometer function)
Power Source	Tough Solar power system (high-capacity solar-charging system)
Continuous Operation	About 23 months* with the power-saving function** ON after full charge * May change by the date of product release ** Display shuts off after a certain period in a dark location
Size of Case	58.7×52.3×14.5mm
Total Weight	Approx. 95g

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