

For Immediate Release

Casio releases PRO TREK watch with flagship sensor performance in smaller case

Features high-performance "Triple Sensor Ver. 3" for quick and accurate compass bearing, altitude/atmospheric pressure, and temperature readings



PRO TREK PRW-3000

Basel, April 24, 2013 — Casio Computer Co., Ltd., today announces the release of the PRW-3000, a new addition to its PRO TREK series of outdoor watches. The new PRW-3000 offers quicker and more accurate measurement of ever-changing outdoor data.

The PRO TREK series of outdoor watches leverages Casio's cutting-edge sensor technology to measure different types of outdoor data. Flagship PRO TREK models are equipped with triple sensors that measure compass bearing, altitude/atmospheric pressure, and temperature. They have continued to evolve as Casio seeks to develop watches that offer ultimate utility in the outdoors, such as the solar-powered watch equipped with a low-voltage operation LSI released in 2002.

The new PRW-3000 watch features an upgraded system for measuring compass bearing, altitude/atmospheric pressure, and temperature, significantly improved since the last advance of the system in 2002. Equipped with "the Triple Sensor Ver. 3" featuring revised sensors, algorithms, and LSIs, the PRW-3000 attains new heights for data measuring performance in the PRO TREK series.

The direction sensor in the PRW-3000 consumes only 10% of the energy and takes up only 5% of the space of the previous sensor. Continuous measurement of compass bearing has increased from 20 seconds to a series-leading 60 seconds, greatly enhancing the utility demanded by professionals for map reading and route finding. LSI calculation power has increased to significantly reduce altitude measurement times from five seconds to one second, with accuracy also improving from five-meter to one-meter increments. These enhancements ensure fine precision for altitude data readings.

New features include an atmospheric pressure trend alarm that gives notification in response to sudden swings in atmospheric pressures, to keep users constantly informed of pressure swings that might otherwise be overlooked.

Technical comparisons are based on PRW-2000.

Usability has also been enhanced with a smaller case design made possible by the new “Triple Sensor Ver. 3”, while retaining the excellent readability of the large LCD display. A slim watchband made from soft urethane molds easily to the wrist and is easy to fasten, and the compact watch size fits the wrists of men and women alike. Dedicated buttons for compass bearing and altitude/atmospheric pressure are highlighted by icons for intuitive operation. The PRW-3000 can receive standard radio waves from six transmitters around the world, ensuring correct time. The watch also is water-resistant up to 100 meters so users can wear it without worries in various settings.

Model	Available Colors
PRW-3000	1A (Black), 1 (Dark gray), 2 (Navy), 4 (Orange)

Specifications

PRW-3000

Water Resistance	10 bar
Radio Wave Reception	Automatic reception (up to six times a day); manual reception
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)
Compass	16 points; measuring range (0°-359°); 60 seconds continuous measurement; 4 bearing graphic display (North, South, East, West); bearing memory (angle and graphic); magnetic bearing deviation correction function; bearing correction function
Barometer	Display range: 260hPa - 1,100hPa (7.65 to 32.45 inHg); atmospheric pressure differential graphic; atmospheric pressure tendency graph (past 24 hours)
Altimeter	Display range: -700m – 10,000m (-2,300 to 32,800 ft.); able to record the last 25 altitude measurements with the month, date and time (as well as memory for the highest/lowest altitude, calculated ascent/descent altitude, and cumulative ascent/descent altitude); altitude tendency graph display; measurement interval setting (every 5 seconds / every 2 minutes); altitude difference measurement (±3000 m)
Thermometer	Display range: -10°C to 60°C (14°F to 140°F)
Stopwatch	1/10 second; measuring capacity: 1000 hours
Countdown Timer	Measuring unit: 1 second (maximum 24 hours)
Alarm	5 independent daily alarms; hourly time signal
Current Time Display	Digital; full auto-calendar (until 2099); 12/24-hour format; 3 date

	display patterns
Construction	Sub-zero temperature resistance (down to -10°C)
Others	Duplex LCD; world time for 48 cities (31 time zone, daylight saving on/off) + UTC (Universal Coordinated Time) display; sunrise/sunset time display: daylight graph; battery level indicator; button operation tone on/off; full auto EL backlight with afterglow
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 * Display shuts off after a certain period in a dark location
Size of Case	56.0 × 47.0 × 12.3 mm
Total Weight	62g

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