

CASIO to Release G-SHOCK Watch with Heart Rate Monitor and GPS Functionality



GBD-H1000-1A7

Norderstedt, February 26, 2020 — CASIO announced today the release of the GBD-H1000, a watch equipped with a heart rate monitor and GPS functionality.

The GBD-H1000 is packed with five-sensor functions. In addition to an optical sensor that can measure heart rate by detecting the blood flow under the skin, a triple sensor that measures altitude/barometric pressure, compass bearing, and temperature, and an acceleration sensor that measures step count and distance traveled, the new watch comes with GPS functionality that acquires location information. By analyzing the measured data, the watch can display an indicator of cardiorespiratory capacity. By connecting the watch with a dedicated app on a smartphone, the user can manage measurement data history such as calories burned and logged travel.

The exterior delivers a good fit and practicality and features a high-definition, memory-in-pixel (MIP) LCD with high-contrast, a bezel configuration that is easy to operate even without looking at the buttons, large non-slip buttons, a curved back cover that carefully considers the back of the hand, and a soft urethane band. In addition to USB charging, the watch offers solar charging for daily use such as the vibrating notification function. This G-SHOCK is optimal for everyday health monitoring and training.

Model	Color
GBD-H1000-1A7	Black × White
GBD-H1000-1	All black
GBD-H1000-4	Red
GBD-H1000-8	Black × Red



GBD-H1000-1



GBD-H1000-4



GBD-H1000-8

Specifications

Construction		Shock-resistant
Water Resistance		200 meters
Communication Specifications	Communication Standard	Bluetooth® low energy
	Signal Range	Up to 2 meters (may differ depending on surrounding conditions)
Positional Measurement		GPS, GLONASS, MICHIBIKI (QZSS)
Sensors		Optical sensor (heart rate); magnetic sensor (compass); pressure sensor (air pressure/altitude); thermo sensor; acceleration sensor (step counter)
Wrist Heart Rate Monitor		Maximum value: 220bpm; heart rate; target heart rate setting function; pulse zone graphic display; heart rate transition graph: maximum heart rate/minimum heart rate
Training Functions		Distance, speed, pace, etc., measured by GPS or accelerometer and displayed; auto/manual lap; auto pause; auto run timing start; target alarm setting (time, altitude, calories burned) on/off switching; training display customization
Training Analysis		Training status; fitness level trend; training load trend; VO2max; recovery time
Training Log Data		Up to 100 runs, up to 140 lap records per run: elapsed time, distance, pace, calories burned, heart rate, maximum heart rate, aerobic training effect, anaerobic training effect
World Time		38 cities (38 time zones,* auto summer time (DST) switching) and Coordinated Universal Time * May be updated when connected to a smartphone.
Stopwatch		Measuring unit: 1 second; measuring capacity: 99:59'59; measuring modes: elapsed time, split time
Countdown Timer		Interval measurement (up to 5 timers); measuring unit: 1 second; countdown range: 60 minutes; countdown start time setting range: 1 second to 60 minutes; 1-second accuracy; auto-repeat
Alarm		4 daily alarms (with snooze alarm)

Other Functions	Mobile Link functions; battery level indicator; power saving (display shuts off after a certain period in a dark location); full auto-calendar; 12/24-hour format; button operation tone on/off; LED backlight (full auto light, Super Illuminator, afterglow with selectable illumination duration: 1.5 seconds or 3 seconds); airplane mode; vibration function
Power Source	Solar-powered system (solar-charging system), charging system compatible with dedicated charging cable(requires device with Type-A USB terminal)
Continuous Operation	Training mode (continuous GPS measurement) + heart rate monitor function: maximum of about 14 hours Time Mode (includes step count measurement and notification functions): about 12 months * Varies depending on usage environment; From full charge, without solar power
Time Adjustment	GPS signal reception; auto receive (with no mobile link function, time information, once/day); manual receive (position information, time information) Bluetooth®: uses continuous connection with smartphone to auto-adjust time
Size of Case	63.0 × 55.0 × 20.4mm
Total Weight	Approx.101g

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