

Casio to Release G-SHOCK Designed for Deserts, Mud, and Other Tough Environments

*Triple Sensor Gives Compass Bearing, Barometric Pressure/Altitude, and Temperature;
Resistant to Mud and Vibration*



GWG-1000-1A

BASEL, March 18, 2015 – Casio Computer Co., Ltd., announced today the latest addition to the G-SHOCK line of shock-resistant watches. The new G-SHOCK GWG-1000, dubbed the “MUD MASTER,” is constructed to resist mud and vibration so that it can be useful in a variety of harsh land environments.

Over the years, G-SHOCK watches have added many innovative construction and design features to their outstanding shock resistance. Notably, the G-SHOCK GW-A1100,^{*1} designed to meet the needs of free-flying pilots, and the G-SHOCK GWN-1000,^{*2} useful for performing missions in rough seas, have been very well received as analog watches that offer the ultimate in toughness.

^{*1} Features Triple G Resist reinforced construction to resist shocks, centrifugal force and vibrations.

^{*2} Equipped with a Triple Sensor for determining compass bearing, atmospheric pressure/altitude, and temperature.

The new G-SHOCK GWG-1000 was designed for deserts, mud, and other tough environments, and it is packed with features that deliver the toughness needed for use in harsh land environments.

In addition to offering shock resistance, the watch is constructed for mud resistance and is ready to withstand working amid mud and rubble. The buttons are protected against the entry of mud, to ensure that essential functions are available at all times. The watch offers vibration resistance to withstand vibration from rough road drive or other heavy duty operations. These features give the watch toughness that the user can depend on in various challenging situations.

The new watch has a compass bearing readout to help users pinpoint the right direction and a barometer which is useful for predicting changes in weather. These readings enable the wearer to quickly assess natural conditions.

The watch design features large hour and minute hands with large index marks and a front button, expressing the toughness of G-SHOCK watches while offering practical readability and enhanced operability.

From construction through features and design, the G-SHOCK GWG-1000 is in every way designed to withstand harsh environments.



GWG-1000-1A

Specifications

Construction	Shock-resistant; vibration-resistant
Performance	20-bar water resistance, low-temperature resistance (-10°C / 14°F)
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 for use in China: 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; bidirectional calibration and magnetic declination correction
Barometer	Measuring range: 260 hPa to 1,100 hPa (7.65 inHg to 32.45 inHg); measuring unit: 1 hPa (0.05 inHg); atmospheric pressure change indicator (± 10 hPa); barometric pressure tendency graph (past 20 hours graph display); barometric pressure tendency information (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 (± 100 m / ± 1000 m); other: relative altitude readings (-3,000 m to 3,000 m); measurement interval setting ^{*3} (every 5 seconds / every 2 minutes) <small>*3: second for first 3 minutes only</small>
Thermometer	Measuring range: -10°C to 60°C (14°F to 140°F); measuring unit: 0.1°C (0.2°F)
World Time	29 cities (29 time zones; daylight saving on/off, Home city/World time city swapping) and Coordinated Universal Time, auto switching / standard time and Coordinated Universal Time
Stopwatch	1/100 second; measuring capacity: 24 hours; measuring modes: elapsed time, split time, 1st and 2nd place times
Countdown Timer	Measuring unit: 1 second (maximum 60 minutes)
Alarm	5 independent daily alarms; hourly time signal

Other Functions	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 ^{*4} ON after full charge *4: Display shuts off after a certain period in a dark location
Size of Case	59.5 × 56.1 × 18.0 mm
Total Weight	Approx. 100g

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