

Casio to Release Advanced G-SHOCK GULFMASTER with Quad Sensors

*Atmospheric Pressure, Temperature, Compass Bearing, and Water Depth Sensors for Use in
Ocean Environments*



GWN-Q1000

BASEL, March 16, 2016 — Casio Computer Co., Ltd., announced today that it will release the GWN-Q1000, the latest addition to the ocean concept GULFMASTER Series, part of the G-SHOCK line of shock-resistant watches. The GWN-Q1000 is the first G-SHOCK equipped with quad sensors to track constantly changing ocean conditions, designed to be useful for coast guard officers and others who are active at sea.

The GULFMASTER GWN-Q1000 is a seagoing concept model equipped with quad sensors to track ocean conditions, aiming to assist coast guard officers and others in security and rescue activities at sea. The atmospheric pressure sensor helps to predict suddenly changing weather conditions, the temperature sensor reads changes in air and water temperature, the compass bearing sensor helps detect wind and tidal direction, and the water depth sensor measures current depth under water. These sensors enable the user to assess changing ocean conditions in real time, in situations where they may be racing against time and the natural elements.

For ease of access, information from the five sensor modes (atmospheric pressure, altitude, temperature, compass bearing, and depth), as well as sudden atmospheric changes and a tide graph showing low and high tide information, are indicated on the inset dial at the 5 o'clock position. A dual coil motor enables a retrograde movement to display the information, for ease of recognition.

Optimized for use in ocean environments, the watch case is made from carbon fiber materials for superior rigidity. The button casings use metal pipes for high durability and enhanced water resistance. Furthermore, the shock absorbent back cover and watchband are made of soft urethane for better comfort on the wrist.

Specifications

Construction	Shock-resistant
Water Resistance	20-bar
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
Water Depth Sensor	Measurement range: 0–50 m (164 ft.); measuring unit: 0.1 m (0.5 ft.); auto memory: start date/time, max. water depth, time spent in water
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; auto horizontal compensation; bidirectional calibration; magnetic declination correction
Barometer	Measuring range: 260 hPa to 1,100 hPa (7.65 to 32.45 inHg); measuring unit: 1 hPa (0.05 inHg); atmospheric pressure change indicator (± 10 hPa); atmospheric pressure tendency graph: past 20 hours (10 times, every 2 hours) or past 5 hours (10 times, every 1/2 hour) graph display; barometric pressure tendency information (arrow indicates significant pressure changes)
Altimeter	Measuring range: -700 m to 10,000 m (-2,300 to 32,800 ft.); measuring unit: 1 m (5 ft.); altitude change indicator (± 100 m/ ± 1000 m); others: measurement interval setting* (every 5 seconds / every 2 minutes) * 1 second for first 3 minutes only
Thermometer	Measuring range: -10 to 60°C (14 to 140°F); measuring unit: 0.1°C (0.2°F)
Tide Graph	Tide level for specific date and time
Moon Data	Moon age of the specific date
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
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	Manual memory function (water depth, altitude, atmospheric pressure, temperature, compass bearing, time (time stamp function)); sunrise/sunset; full auto-calendar; 12/24-hour format; battery level indicator; button operation tone on/off; full auto double LED light with afterglow:1.5/3.0 seconds; hand-concealment function (manual, auto: water depth/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	48.0×57.3×17.0mm
Total Weight	Approx. 115g* * May change by the date of product release

Press Contact

Corinna Fromm Communication
Kleine Reichenstraße 6-8
20457 Hamburg / Germany
Tel.: +49 (0)40 / 8000 73 820
E-Mail: kontakt@corinnafromm.de

Press Contact UK

Casio Electronics Co. Ltd.
Stephanie Weekes
Harp View,
12 Priestley Way,
London, NW2 7JD
Tel: + 44 20 8208 9558
E-Mail: stephaniew@casio.co.uk