

For Immediate Release

Casio releases aviator concept G-SHOCK with compass functions

Equipped with newly developed down-sized magnetic sensor



GW-A1100-1A3

Basel, April 24, 2013 — Casio Computer Co., Ltd. today announces the release of the GW-A1100, a new flagship model in the G-SHOCK Gravity Defier series which is conceived with pilots in mind. The new watch is equipped with an advanced compass function and other enhanced functionality, operability and visibility integrated in a highly sophisticated design.

The GW-A1100 is a shock resistant watch that integrates the Multi Mission Drive, Casio's unique analog drive system which moves the hands independently using separate motors, with sensor technology Casio developed while advancing its line of outdoor watches. A magnetic sensor miniaturized to just 5%^{*1} of the conventional size and a unique noise reduction algorithm enable high-performance compass functions in a tough-style watch. Strong, light carbon-fiber is used for the second hand, which is also used to indicate the compass bearing. The hand maintains smooth, stable movement.

*1 Compared with the magnetic sensor in the G-SHOCK GW-9300.

The model also features tough Triple G Resist^{*2} construction, and is equipped with the Smart Access system to enable intuitive operation of various functions. Functions such as World Time, the stopwatch, and alarm are easy to operate with the crown switch, which also has a quick-lock mechanism that enables simple lock and release. With luminous paint and a three-dimensional index, the wide-faced dial is easy to read. The highly functional GW-A1100 represents the pinnacle of performance for pilots, delivering all the shock resistance, operability and viewability the most demanding pilot needs.



*2 Reinforced construction to resist shocks, centrifugal force and vibrations.

Model	Color
GW-A1100-1A	Black x Red
GW-A1100-1A3	Black x Green

Specifications

Construction	Triple G Resist (Shock-resistant, resistant to centrifugal gravitational force and vibration-resistant)
Water Resistance	20 bar
Digital Compass	Hand indication of north (20 seconds continuous measurement); bidirectional calibration; magnetic declination correction
Radio Frequency	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
World Time	29 cities (29 time zones; daylight saving on/off; daylight saving time (summer time) auto switching/ standard time and Coordinated Universal Time
Stopwatch	1/20-second stopwatch; measuring capacity: 120 minutes; elapsed time; flyback
Countdown Timer	Measuring unit: 1 minute; countdown range: 60 minutes; countdown start time setting range: 1 to 60 minutes (1-minute increments)
Other Functions	Automatic hands correction; daily alarm; full auto-calendar; battery recharge warning; date display
Power Source	Tough Solar power system (solar-charging system)
Continuous Operation	About 29 months with the power-saving function* ON after full charge * Power-saving after a certain period in a dark location
Size of Case	48.4 × 53.8 × 17.3 mm
Total Weight	Approx. 93 g

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