

## Casio to Release Flare Red Models for G-SHOCK 40th Anniversary Kickoff

Evoking Solar Flares with Multicolor Laminated Bezel Featuring Phosphorescent Particles



MTG-B3000FR and GWG-2040FR

Tokyo, October 20, 2022 — Casio Computer Co., Ltd. announced today the release of two new additions to the G-SHOCK brand of shock-resistant watches. In the runup to the G-SHOCK 40th anniversary in April 2023, Casio is looking to connect with each and every G-SHOCK fan through various activities, including releasing commemorative models and holding special events in various places around the world. Casio kicks this all off with the MTG-B3000FR and GWG-2040FR, two Flare Red anniversary models boasting the red G-SHOCK brand color in an intensely blazing solar flare design.

G-SHOCK got its start with a single-page plan to construct a watch that wouldn't break, even if dropped. It debuted in 1983 with a shock-resistant construction that overturned conventional wisdom on the fragility of wristwatches. Its unparalleled toughness and unique design has won G-SHOCK the support of users worldwide, with sales in more than 140 countries and regions and cumulative shipments of more than 140 million units.

The 40th anniversary Flare Red models, the MTG-B3000FR and GWG-2040FR, feature multicolor laminated bezels made with phosphorescent materials in the red G-SHOCK brand color. The design evokes solar flares, the massive eruptions of intense energy from the sun's surface. Casio used a newly developed technique to laminate carbon and colored glass fiber sheets together and hew them into bezel form. Phosphorescent particles mixed into the glass fiber sheets create powerful designs that are stunning even in the dark. The bezel of every single watch has its own unique look, since the materials present a one-of-a-kind appearance depending on where in the lamination the bezel is hewn. A solar flare-inspired pattern printed on the dial with clear toner adds to the dynamic face design.

For the GWG-2040FR, phosphorescent particles are also mixed into the forged carbon of the lugs that connect the case to the band to create random patterns of wondrous glow-in-the-dark beauty.

The logo commemorating the G-SHOCK 40th anniversary, designed by world-renowned graffiti artist Eric Haze, is engraved on the case back. These timepieces also feature four stars to signify "40," an extra-special touch for the first wave of models to commemorate 40 years of G-SHOCK innovation.

Model
MTG-B3000FR
GWG-2040FR



MTG-B3000FR



GWG-2040FR



MTG-B3000FR bezel



GWG-2040FR bezel and lugs



Stages of bezel processing



Special packaging



40th anniversary logo

### Specifications

#### MTG-B3000FR

Construction		Triple G Resist (shock-resistant, centrifugal force-resistant, vibration-resistant)
Water Resistance		200 meters
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
Communication Specifications	Communication Standard	Bluetooth® low energy
	Signal Range	Up to 2m (may differ depending on surrounding conditions)
Stopwatch		1 second; measuring capacity: 23:59'59"; measuring modes: elapsed time, split time
Countdown Timer		Measuring unit: 1 second (maximum 24 hours)
Mobile Link Features (Wireless linking with Bluetooth® devices)		Auto time adjustment Easy watch setting Approximately 300 world time cities Time & place Watch status display Self check Phone finder
Other Functions		Auto hand home position correction; daily alarm; dual time (27 time zones, home time swapping, auto summer time [DST] switching); power saving; battery level indicator; full auto-calendar; LED light (Super Illuminator) with afterglow; day and date display
Power Source		Tough Solar power system (solar-charging system)
Continuous Operation		About 5 months after full charge, using all functions but without solar charging About 18 months with the power-saving function ON after full charge
Size of Case		51.9 × 50.9 × 13.2 mm
Total Weight		Approx. 115 g

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**GWG-2040FR**

Construction	Shock-resistant, mud-resistant
Performance	200-meter water resistance
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; measuring range: 0° to 359°; 60 seconds continuous measurement; hand indication of north; bidirectional calibration and magnetic declination correction
Barometer	Measuring range: 260 hPa to 1,100 hPa (7.65 inHg to 32.45 inHg); measuring unit: 1hPa (0.05inHg); atmospheric pressure change indicator (±10hPa/1hPa); atmospheric pressure tendency graph; barometric pressure tendency information alarm
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); altitude change indicator (±100m/5m, ±1000m/50m); other: relative altitude readings; measurement interval setting (every 5 seconds / every 2 minutes)
Thermometer	Measuring range: -10°C to 60°C (14°F to 140°F); measuring unit: 0.1°C (0.2°F)
World Time	29 time zones (29 cities + coordinated universal time), daylight saving on/off, home city/world time city swapping
Stopwatch	1/100-second; measuring capacity: 23:59'59.99"; measuring modes: elapsed time, split time, 1st and 2nd place times
Countdown Timer	Measuring unit: 1 second; countdown range: 60 minutes; countdown start time setting range: 1 to 60 minutes (1-minute increments)
Alarm	5 independent daily alarms; hourly time signal
Other Functions	Auto hand home position correction; hand shift feature (manual or auto [during altitude, barometric pressure, and temperature measurement]); battery level indicator; power saving; full auto-calendar; 12/24-hour format; button operation tone on/off; full auto double LED light (Super Illuminator) with afterglow: 1.5 or 3.0 seconds
Power Source	Tough Solar power system (solar-charging system)
Continuous Operation	About 6 months after full charge, using all functions but without solar charging About 25 months with the power-saving function ON after full charge
Size of Case	61.2 × 54.4 × 16.1 mm
Total Weight	Approx. 112 g