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G-Shock GPR-B1000-1

Casio G-SHOCK RANGEMAN GPR-B1000-1 User Manual

Model: GPR-B1000-1

1. PRODUCT OVERVIEW

The Casio G-SHOCK RANGEMAN GPR-B1000-1 is a rugged, solar-assisted GPS navigation watch designed for outdoor enthusiasts. It combines G-SHOCK's renowned toughness with advanced navigation capabilities and smartphone connectivity.



Figure 1: Front view of the Casio G-SHOCK RANGEMAN GPR-B1000-1 watch.

2. KEY FEATURES

- **Shock Resistant:** Engineered to withstand impacts and vibrations.
- **Tough Solar:** Solar-assisted charging system for reliable power.
- **GPS Navigation:** Features include track log, point memory, and backtrack functions for outdoor activities.
- **Smartphone Link (G-SHOCK Connected App):** Bluetooth connectivity for time synchronization, world time settings, and mission log management.
- **Water Resistance:** 200-meter water resistance, suitable for recreational scuba diving.
- **Triple Sensor:** Built-in altimeter/barometer, digital compass, and thermometer for environmental data.
- **Carbon Fiber Insert Band:** Durable and comfortable resin band with carbon fiber inserts.



Figure 2: Detailed view of the watch face, highlighting the digital display and various indicators.

3. SETUP

3.1 Initial Charging

Upon first use, expose the watch face to bright light (sunlight or fluorescent light) for several hours to ensure a full charge. The watch features Tough Solar technology, which converts light into power.

3.2 Time Zone and Date Setting

The watch can automatically synchronize time via GPS signals or connect to your smartphone for accurate timekeeping. Refer to Section 5 for smartphone connectivity.

- **Manual Setting:** Press and hold the ADJUST button (top-left) to enter time setting mode. Use the MODE button (bottom-left) to cycle through settings and the SENSOR/CONNECT buttons (right side) to adjust values.
- **GPS Time Sync:** In Timekeeping Mode, press the GPS button (top-right) to initiate GPS signal reception for time adjustment.

3.3 Band Adjustment

The resin band is designed for comfort and durability. Adjust the buckle to fit your wrist securely without being too tight or too loose. The dual-hole design on the band allows for precise fitting.



Figure 3: Detail of the resin band and buckle for adjustment.

4. OPERATING INSTRUCTIONS

4.1 Button Functions

- **ADJUST (Top-Left):** Used to enter and exit setting modes, and confirm selections.
- **MODE (Bottom-Left):** Cycles through different watch modes (Timekeeping, GPS Navigation, Compass, Altimeter/Barometer, Thermometer, Stopwatch, Timer, Alarm, World Time).
- **SENSOR (Top-Right):** Activates sensor functions (e.g., Compass, Altimeter).
- **CONNECT (Bottom-Right):** Initiates Bluetooth connection or GPS signal reception.
- **LIGHT (Middle-Right):** Activates the LED backlight.



Figure 4: Side view illustrating the Triple Sensor buttons and overall watch thickness.

4.2 GPS Navigation

The RANGEMAN GPR-B1000-1 offers advanced GPS features:

- **Track Log:** Records your route and location data.
- **Point Memory:** Saves specific locations as points of interest.
- **Backtrack:** Guides you back to your starting point using recorded track data.

To use GPS functions, ensure the watch has a clear view of the sky. Press the MODE button to navigate to GPS Navigation mode, then use the SENSOR/CONNECT buttons to access specific features.

4.3 Triple Sensor Functions

- **Digital Compass:** Provides direction readings. Activate by pressing the SENSOR button in Compass Mode.
- **Altimeter/Barometer:** Measures altitude and atmospheric pressure. Access via MODE button.
- **Thermometer:** Displays ambient temperature. Note: For accurate readings, remove the watch from

your wrist for at least 20-30 minutes to avoid body heat interference.

4.4 Other Functions

- **Stopwatch:** Measures elapsed time.
- **Countdown Timer:** Counts down from a specified time.
- **Alarms:** Set multiple daily alarms.
- **World Time:** Displays current time in various cities around the world.

5. CONNECTING TO SMARTPHONE (G-SHOCK CONNECTED APP)

The GPR-B1000-1 can link with your smartphone via Bluetooth for enhanced functionality.

1. Download and install the **G-SHOCK Connected** app from your smartphone's app store.
2. Enable Bluetooth on your smartphone.
3. On the watch, press and hold the CONNECT button (bottom-right) until the Bluetooth icon appears and flashes.
4. Open the G-SHOCK Connected app and follow the on-screen instructions to pair your watch.

Once connected, the app allows for automatic time adjustment, easy world time setup, and management of GPS mission logs and other watch settings.

6. CARE AND MAINTENANCE

6.1 Cleaning

Wipe the watch regularly with a soft, dry cloth to remove dirt and moisture. For stubborn dirt, use a mild soap solution and rinse thoroughly with fresh water, then dry completely.

6.2 Solar Charging

To maintain optimal battery performance, expose the watch to light regularly. Avoid prolonged storage in dark places. The watch features a power saving function that automatically enters a sleep state when left in the dark to conserve power.

6.3 Water Resistance

The 200-meter water resistance rating means the watch is suitable for swimming, showering, and recreational scuba diving. Do not operate buttons underwater.



Figure 5: Rear view of the watch, showing the durable case back.

7. TROUBLESHOOTING

- **Time is incorrect:** Ensure the watch is fully charged. Attempt GPS time synchronization or connect to the G-SHOCK Connected app for automatic adjustment. Verify your Home City setting.
- **GPS signal not received:** Move to an open outdoor area with a clear view of the sky. Avoid tall buildings or dense foliage.
- **Battery indicator is low:** Expose the watch to bright light for an extended period.
- **Bluetooth connection issues:** Ensure Bluetooth is enabled on your smartphone and the watch is in pairing mode. Restart both devices if necessary.

For more detailed troubleshooting, refer to the comprehensive guide within the G-SHOCK Connected app or the official Casio support website.

8. SPECIFICATIONS

Feature	Detail
Model Number	GPR-B1000-1
Dimensions	7.87 x 5.51 x 4.25 inches (Package)
Weight	5.01 ounces (Package)

Feature	Detail
Power Source	Tough Solar (Solar-Assisted)
Battery Type	1 Lithium Metal battery (included)
Water Resistance	200m (20 BAR)
Clasp Type	Tang Buckle
Manufacturer	Casio

9. WARRANTY AND SUPPORT

This Casio G-SHOCK RANGEMAN GPR-B1000-1 watch comes with a Casio International One Year Warranty. For warranty claims, technical support, or service inquiries, please contact your local authorized Casio service center or visit the official Casio website.