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Casio GA-110-1ADR (G316)

Casio G-Shock GA-110 Series User Manual

Model: GA-110-1ADR (G316)

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Casio G-Shock GA-110 Series watch. Please read this manual carefully to ensure proper use and to maximize the lifespan of your timepiece. The GA-110 series is designed for durability and functionality, featuring advanced shock resistance and water resistance.



Figure 1.1: Front view of the Casio G-Shock GA-110 watch, showcasing its robust design and analog-digital display.

2. KEY FEATURES

- **Shock Resistant:** Engineered to withstand impacts and vibrations.
- **Magnetic Resistant:** Protects against magnetic fields that can affect timekeeping accuracy.
- **200-Meter Water Resistance:** Suitable for recreational scuba diving and various water activities.
- **Auto LED Light:** Illuminates the display for easy reading in low-light conditions.
- **World Time:** Displays the current time in 48 cities (29 time zones) plus Coordinated Universal Time.
- **Multiple Alarms:** Includes 4 daily alarms and 1 snooze alarm.
- **Stopwatch:** 1/1000-second stopwatch with measuring capacity up to 99:59'59.999".

- **Countdown Timer:** Measuring unit of 1 second, countdown range of 24 hours.

3. SETUP AND INITIAL CONFIGURATION

3.1. Button Functions

Your G-Shock GA-110 watch features four primary buttons and one light button. Familiarize yourself with their locations and functions:

1. **ADJUST (Top Left):** Used to enter and exit setting modes, and to confirm settings.
2. **MODE (Bottom Left):** Cycles through the watch's different modes (Timekeeping, Stopwatch, Countdown Timer, World Time, Alarm).
3. **REVERSE (Top Right):** Used to decrease values or move backward through settings.
4. **FORWARD (Bottom Right):** Used to increase values or move forward through settings.
5. **LIGHT (Front Bottom):** Activates the LED backlight.



Figure 3.1: Close-up view of the Casio G-Shock GA-110, highlighting the various buttons and their labels for easy identification.

3.2. Setting the Home City and Time

1. In Timekeeping Mode, hold down the **ADJUST** button until the city code starts to flash. This indicates the setting mode.
2. Use the **REVERSE** and **FORWARD** buttons to select your desired Home City code.

3. Press the **MODE** button to cycle through other settings: DST (Daylight Saving Time), 12/24-hour format, Seconds, Hour, Minute, Year, Month, Day.
4. Use **REVERSE** and **FORWARD** to change the flashing value.
5. After setting all desired values, press the **ADJUST** button to exit the setting mode.

4. OPERATING MODES

Press the **MODE** button to navigate between the following modes:

4.1. Timekeeping Mode

This is the default mode, displaying the current time, day of the week, and date. The analog hands also show the current time.

4.2. Stopwatch Mode

The stopwatch measures elapsed time, split times, and two finishes. It has a 1/1000-second measuring unit.

- Press **MODE** to enter Stopwatch Mode.
- Press **FORWARD** to start/stop the stopwatch.
- Press **REVERSE** to reset the stopwatch while it is stopped.
- To record a split time, press **REVERSE** while the stopwatch is running. Press **REVERSE** again to release the split and continue timing.

4.3. Countdown Timer Mode

The countdown timer can be set for a period from 1 second to 24 hours. An alarm sounds when the countdown reaches zero.

- Press **MODE** to enter Countdown Timer Mode.
- Hold **ADJUST** to enter setting mode. The hour setting will flash.
- Use **REVERSE** and **FORWARD** to set the desired countdown time. Press **MODE** to move between hours, minutes, and seconds.
- Press **ADJUST** to exit setting mode.
- Press **FORWARD** to start/stop the countdown.

4.4. World Time Mode

View the current time in 29 time zones (48 cities) around the world.

- Press **MODE** to enter World Time Mode.
- Use **FORWARD** to scroll through the city codes.
- To swap your Home City time with the World Time City time, hold down **ADJUST** and **FORWARD** simultaneously.

4.5. Alarm Mode

Set up to four one-time alarms and one snooze alarm.

- Press **MODE** to enter Alarm Mode.
- Use **FORWARD** to cycle through the alarms (AL1, AL2, AL3, AL4, SNZ, SIG).
- To set an alarm, select the desired alarm (e.g., AL1) and hold **ADJUST** until the hour setting flashes.
- Use **REVERSE** and **FORWARD** to set the hour and minute. Press **MODE** to switch between hour and minute.
- Press **ADJUST** to exit setting mode.
- To turn an alarm on/off, select the alarm and press **FORWARD**.
- **SNZ** is the snooze alarm, which sounds every five minutes until stopped. **SIG** is the hourly time signal.

5. MAINTENANCE AND CARE

Proper care will ensure the longevity and performance of your G-Shock watch.

- **Cleaning:** Wipe the watch with a soft, dry cloth. For stubborn dirt, use a soft cloth dampened with water and a mild neutral detergent.
- **Water Resistance:** While water resistant, avoid operating buttons underwater. After exposure to saltwater, rinse the watch with fresh water and dry thoroughly.
- **Temperature:** Avoid exposing the watch to extreme temperatures (below -10°C or above 60°C) or direct sunlight for prolonged periods.
- **Chemicals:** Keep the watch away from gasoline, cleaning solvents, aerosols, adhesives, paints, etc., as they can damage the resin case and band.
- **Battery Replacement:** The watch uses a CR1220 battery. Battery life is approximately 2 years. It is recommended to have the battery replaced by an authorized Casio service center to ensure water resistance is maintained.



Figure 5.1: The Casio G-Shock GA-110 watch worn on a wrist, demonstrating its size and fit.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Digital display is blank or dim.	Low battery power.	Replace the battery. Contact an authorized service center.
Analog hands do not match digital time.	Hands are misaligned.	Perform hand home position correction. Refer to the full user guide for detailed steps.
Watch resets or behaves erratically.	Strong magnetic field exposure or severe impact.	Move away from magnetic sources. If issues persist, contact service center.
Fogging inside the watch face.	Sudden temperature change or moisture ingress.	If fog clears quickly, it's condensation. If it persists, moisture may have entered. Seek professional inspection.

7. SPECIFICATIONS

Feature	Detail
Model Number	GA-110-1ADR (G316)
Case / Bezel Material	Resin
Band Material	Resin
Water Resistance	200 meters (660 feet)
Shock Resistance	Yes
Magnetic Resistance	Yes
Approx. Battery Life	2 years on CR1220
Dimensions (H x W x D)	6 x 6 x 7 inches (Product Dimensions)
Weight	4.96 ounces

8. WARRANTY AND SUPPORT

Casio watches are covered by a limited warranty against manufacturing defects. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or visit the official Casio website.

For further assistance, technical support, or to locate an authorized service center, please visit the [Casio Official Store on Amazon](#) or consult the full user guide available for download.

A comprehensive user guide in PDF format is available for download: [Download User Guide \(PDF\)](#).