

Casio GA-110TS-1A4

Casio G-Shock GA-110TS-1A4 Analog-Digital Watch User Manual

Model: GA-110TS-1A4

INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Casio G-Shock GA-110TS-1A4 Analog-Digital Watch. Please read this manual thoroughly before using the watch to ensure optimal performance and longevity.





Figure 1: Casio G-Shock GA-110TS-1A4 Analog-Digital Watch, showcasing its design and color scheme.

FEATURES

- **Shock Resistance:** Designed to withstand impacts and vibrations, ensuring durability.
- **Magnetic Resistance:** Protects against magnetic fields, maintaining accurate timekeeping.
- **Water Resistance:** Rated for 200 meters (660 feet), suitable for professional marine activity and serious surface water sports, but not scuba diving.
- **Analog-Digital Display:** Combines traditional analog hands with a digital display for versatile timekeeping and information display.
- **LED Light:** Provides illumination for the display in low-light conditions, enhancing readability.
- **World Time:** Displays time for 29 time zones (48 cities + Coordinated Universal Time), with city code display and daylight saving on/off.
- **Stopwatch:** 1/1000-second stopwatch with a measuring capacity of 99:59'59.999", ideal for precise timing.
- **Countdown Timer:** Measuring unit of 1 second, with a countdown range of 24 hours.
- **Alarms:** Features 5 daily alarms (with 1 snooze alarm) and an hourly time signal for reminders.
- **Full Auto-Calendar:** Pre-programmed until the year 2099, automatically adjusting for leap years.
- **12/24-Hour Format:** Allows selection between 12-hour and 24-hour time display formats.

SETUP

Initial Time and Date Adjustment

Upon first use or after battery replacement, it is necessary to set the current time and date. Follow these steps:

1. **Enter Timekeeping Mode:** Ensure the watch is in the Timekeeping Mode. If not, press the **MODE** button (bottom left) repeatedly until the current time is displayed.
2. **Enter Setting Mode:** In Timekeeping Mode, hold down the **ADJUST** button (top left) for approximately two seconds

until the city code starts to flash on the digital display. This indicates the setting mode.

3. **Select Settings:** Press the **MODE** button to cycle through the various settings: City Code, DST (Daylight Saving Time), 12/24-hour format, Seconds, Hour, Minute, Year, Month, Day.
4. **Change Values:** Use the **FORWARD** button (bottom right) and **REVERSE** button (top right) to increase or decrease the flashing value.
5. **Exit Setting Mode:** Once all desired settings are adjusted, press the **ADJUST** button to exit the setting mode. The watch will automatically return to Timekeeping Mode.

Hand Home Position Correction

If the analog hands do not accurately align with the digital time, you may need to correct their home positions. This can occur due to strong impact or magnetic exposure.

1. In Timekeeping Mode, hold down the **ADJUST** button for about five seconds until "H.SET" appears and the digital seconds start flashing.
2. Press the **MODE** button. The hour and minute hands will move to the 12 o'clock position.
3. If the hands are not precisely at 12 o'clock, use the **FORWARD** and **REVERSE** buttons to align them perfectly.
4. Press the **ADJUST** button to save the correction and return to Timekeeping Mode.

OPERATING INSTRUCTIONS

Using the Stopwatch Function

The stopwatch measures elapsed time, split times, and two finishes with high precision.

1. Press the **MODE** button repeatedly to navigate to the Stopwatch Mode (indicated by "STW" or "ST" on the digital display).
2. Press the **START/STOP** button (bottom right) to start and stop the stopwatch measurement.
3. Press the **RESET** button (top right) while the stopwatch is stopped to clear the measurement and reset it to zero.
4. To record a split time, press the **RESET** button while the stopwatch is running. The display will momentarily show the split time. Press **RESET** again to return to elapsed time measurement.

Setting and Using Alarms

Your watch is equipped with five independent daily alarms and an hourly time signal for various reminders.

1. Press the **MODE** button repeatedly to navigate to the Alarm Mode (indicated by "ALM" on the digital display).
2. Use the **FORWARD** button to cycle through the available alarms (AL1, AL2, AL3, AL4, AL5, SNZ for snooze alarm, SIG for hourly time signal).
3. To set a specific alarm, select it and then hold down the **ADJUST** button until the alarm time starts to flash.
4. Use the **MODE** button to select between the hour and minute settings, and the **FORWARD/REVERSE** buttons to change the value.
5. Press **ADJUST** to save the alarm setting.
6. To turn an alarm or the hourly time signal on or off, select it in Alarm Mode and press the **START/STOP** button.

Using the LED Light

Press the **LIGHT** button (top right) to illuminate the display for easy viewing in dark conditions. The illumination duration can be configured in the watch's settings.



Figure 2: Casio G-Shock GA-110TS-1A4 on a wrist, illustrating its practical wear.

MAINTENANCE

General Care and Cleaning

- Regularly wipe the watch with a soft, dry cloth to remove dirt, dust, and moisture.
- Avoid exposing the watch to extreme temperatures (hot or cold), prolonged direct sunlight, or strong magnetic fields, which can affect performance and longevity.
- Do not use chemical cleaners, abrasive materials, or solvents, as these can damage the resin components and finish.

Water Resistance Precautions

- Never operate the watch buttons or crown while it is wet or submerged in water, as this can compromise the water resistance.
- After exposure to saltwater, rinse the watch thoroughly with fresh water and wipe it completely dry to prevent corrosion.
- Periodically inspect the watch's gasket and case back for any signs of wear, cracks, or damage, especially before engaging in water activities.

Battery Replacement

The Casio G-Shock GA-110TS-1A4 watch uses a CR1220 lithium battery. When the digital display becomes dim, the backlight weakens, or functions become unreliable, it is an indication that the battery power is low. Battery replacement should ideally be performed by a qualified watch technician or an authorized Casio service center to ensure proper sealing and maintain the watch's water resistance integrity.

TROUBLESHOOTING

This section addresses common issues you might encounter with your watch and provides potential solutions.

Problem	Possible Cause	Solution
Analog hands do not match digital time.	Hand home position is misaligned due to impact or magnetic exposure.	Perform Hand Home Position Correction as detailed in the Setup section.
Digital display is dim or blank, or backlight is weak.	Low battery power.	Replace the battery. It is recommended to have this done by a professional.
Watch functions are erratic, unresponsive, or incorrect.	Exposure to strong magnetic fields or extremely low battery.	Move away from any strong magnetic sources. If the issue persists, replace the battery. A full reset may be required (consult a service center).

Problem	Possible Cause	Solution
Moisture or condensation inside the watch face after water exposure.	Compromised water resistance due to damaged gasket, improper button operation underwater, or extreme temperature changes.	Immediately take the watch to a qualified service center for inspection and repair. Do not attempt to dry it yourself, as this can cause further damage.

SPECIFICATIONS

- Model Number:** GA-110TS-1A4
- Case Material:** Resin
- Band Material:** Resin
- Dimensions (H x W x D):** Approximately 55 x 51.2 x 16.9 mm
- Weight:** Approximately 72 grams
- Water Resistance:** 200 meters (20 BAR)
- Battery Type:** CR1220 Lithium Metal (included)
- Battery Life:** Approximately 2 years
- Accuracy:** ±15 seconds per month (without time signal calibration)
- Operating Temperature:** -10°C to 60°C (14°F to 140°F)

WARRANTY AND SUPPORT

Your Casio G-Shock watch is covered by a limited manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card or documentation included with your original purchase for specific terms and conditions, including the warranty period and coverage details applicable to your region.

For technical support, service inquiries, or to initiate a warranty claim, please contact Casio customer service or visit their official website. It is advisable to keep your proof of purchase (receipt or invoice) as it may be required for warranty validation.

Casio Official Website: www.casio.com

PRODUCT VIDEOS

This section would typically feature official product videos from the seller demonstrating features or usage. Based on the provided data, no videos with a "Seller" creator type were found for this model. Therefore, no videos are embedded here.

© 2023 Casio. All rights reserved. This manual is for informational purposes only and may be subject to change without notice.

Documents - Casio – GA-110TS-1A4

Casio G-Shock Subject to availability				
Item #	Retail	PRICE	Qty	Image
AMW-110-1AV	\$110.00	\$ 49.50	1	
AMW-110-9AV	\$100.00	\$ 51.00	1	
AWGM-100B-1A	\$150.00	\$ 97.50	20	
BG-169G-4	\$90.00	\$ 58.50	8	
BGD-140-1A	\$90.00	\$ 58.50	109	
DW-5750E-1B	\$100.00	\$ 65.00	13	
G-7900A-4	\$100.00	\$ 65.00	37	

[Casio G-Shock Watch Availability and Pricing](#)

A comprehensive list of Casio G-Shock watch models, including item numbers, retail prices, sale prices, and available quantities, subject to availability.

lang:i-klingon score:23 filesize: 370.96 K page_count: 6 document date: 2018-10-30