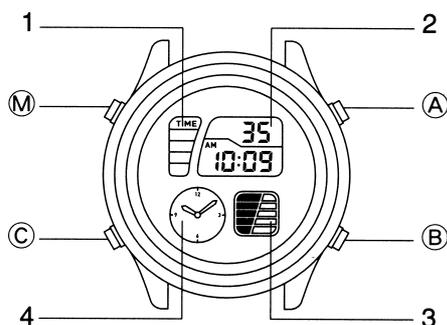# CITIZEN QUARTZ DIGI-ANA MARINE

## Model No. JG1✳✳✳
## Caliber No. C350

## • INSTRUCTION MANUAL

## CTZ-E6792



When reading this instruction manual please keep the watch diagram at left folded out and in view. Symbols used in the sections on operating instructions refer to the symbols indicated in this diagram.

Thank you very much for purchasing a CITIZEN QUARTZ WATCH. To ensure correct use, please read these instructions carefully. Please ensure that the Citizen international guarantee card is supplied with watch on purchase, that you may claim the guarantee service (subject to the terms of guarantee).
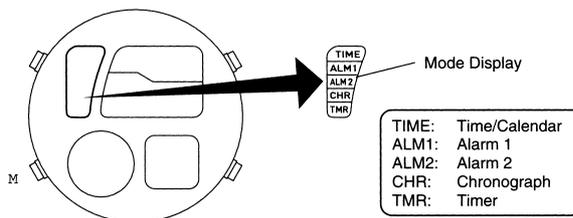
## 1. Features
This watch has an EL (electro-luminescence) illumination that evenly illuminates the digital display for easy viewing in dark locations.

## 2. Operating Instructions

| Name of Parts | Time/ Calendar Mode | Alarm 1/2 Mode | Chronograph Mode | Timer Mode |
|---|---|---|---|---|
| 1: Mode mark display | TIME | ALM1/ALM2 | CHR | TMR |
| 2: Digital display | Hours, minutes, seconds or month, date, day display. | Set time (hours, minutes), ON/ OFF display. | Measurement time display (hours, minutes, seconds, 1/100 seconds). | Set time (minutes), Remaining time (minutes, seconds) display. |
| 3: Graphic display | Always graphic display | | | |
| 4: Analog display | Always time (hours, minutes) display | | | |
| A : Button A | Used for EL lighting | | | |
| B : Button B | Used for Time/Calendar setting | | | |
| C : Button C | Used for change of flashing digit or chronograph split/rest | | | |
| M : Button M | Used for Modes switching | | | |

## 3. Switching Modes (Functions)
In addition to the time/calendar mode, the watch has four modes: Alarm 1, Alarm 2, Chronograph and Timer. Each time button Ⓜ is pressed, the mode display is switched in the following order:
[TIME] → [ALM1] → [ALM2] → [CHR] → [TMR].



TIME: Time/Calendar
ALM1: Alarm 1
ALM2: Alarm 2
CHR: Chronograph
TMR: Timer

Note: If the watch is left in the ALM1 or ALM2 mode for 2 to 3 minutes, the display automatically returns to TIME mode.

## 4. EL (Electro Luminescence) Illumination
While pressing button Ⓐ, with the crown in any position, the display is illuminated.
**[EL]**
EL panel of this watch is a fluorescent panel which illuminates when voltage is applied to it.
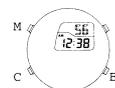**[Characteristics and replacement of the EL panel]**
The electro luminescence panel has the following properties.
• When the battery voltage drops, the brightness (intensity) also drops.
• It is adversely affected by humidity.
  If any water enters inside the watch by accident, promptly request repair.
• The EL panel has a finite life span.
  The brightness (intensity) gradually drops in proportion to the total number of hours of use (light emission).
  If the display appears dark or is hard to see when the EL panel comes on, ask either the store where you purchased the product or your nearest CITIZEN Service Centre to replace the EL panel.
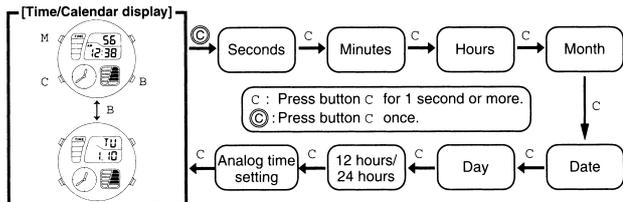  This repair will be done for a fee.

## 5. Setting the Time and Calendar
### A. Digital setting
1) While in the time mode, press button Ⓒ for one second or more, seconds will flash and switch to correcting state.
2) While seconds flash, press button Ⓑ to reset the seconds to "00" after that seconds start again.
3) When in the seconds correcting state (second flash), press button Ⓒ, the flashing digit will change in order of seconds-minutes-hours-month-date-day-12/24 hour- (Analog time setting) system. Select the digit to correct.
4) Correct the flashing digit by pressing button Ⓑ. (Press and hold down button Ⓑ quick advance to flashing digit.)

5) Press button Ⓒ or Ⓜ to complete setting.
Press button Ⓑ, the Time and Calendar display will switch alternately.
* Press button Ⓑ, the 12 hour/24 hour will switch alternately.
* If the time correct state (flashing digit) remains for longer than 2 to 3 minutes, the watch will automatically return to normal time display model
* Press button Ⓜ while in the time correct state, can return the watch to normal display mode. (Manual return)
* Due to the auto-calendar, no correcting at the end of the month is required.



**[Time/Calendar display]**

Seconds → Minutes → Hours → Month

C : Press button C for 1 second or more.
Ⓒ : Press button C once.

Analog time setting ← 12 hours/ 24 hours ← Day ← Date

## B. Analog time setting

This Analog time settings are electromagnetic correction system.
1) While in the time correction mode, set the mode to Analog time setting (A-SET display and all digital digit flashing) by pressing button Ⓒ.
2) Set the hour/minute hand to the desired time by pressing button Ⓑ.
* Press button Ⓑ each time, hands will move one minute increment.
* Press button Ⓑ continuously, hands will move quick advance.

### [Alarm ON/OFF]
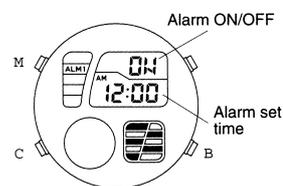Switch the alarm ON/OFF by pressing button Ⓑ.

### [Alarm monitor]
In the alarm mode, while pressing button Ⓑ, the alarm monitor will sound.

## 6. Using the Alarm 1 [ALM1] or Alarm 2 [ALM2]
Operating the Alarm 1 and Alarm 2 are same, only alarm sound different. When the alarm indicator is ON, the alarm will sound for 20 seconds at the alarm set time, once a day.

### [Setting the alarm]

**[Normal alarm (ON) display]**



Alarm ON/OFF
Alarm set time

1) While in the alarm mode, press button Ⓒ, the hour will start flashing and alarm will indicate ON automatically.
2) While hour flashes, press button Ⓑ to set the hours.
3) Press button Ⓒ, the flashing digit will change in this order: hours → minutes.
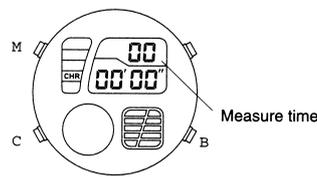4) While minutes flash, press button Ⓑto set the minutes.
5) Press button Ⓒ or Ⓜ to finalize setting.
* Press and hold down button Ⓑ to quick advance the flashing digit.
* Alarm 12 hours/24 hours is set in synchronized with the time/calendar mode.
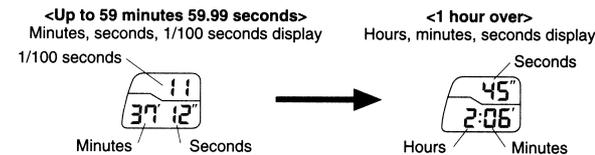
### [Stop the alarm sound]
Press any button to stop the alarm sound.

## 7. Using Chronograph [CHR]
• The chronograph can measure up to 24 hours in 1/100 seconds.
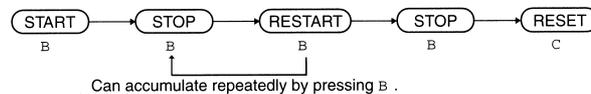• The chronograph display automatically returns to 00 and stops after 24 hours measurement.



Measure time

## [Chronograph timing display]

**<Up to 59 minutes 59.99 seconds>**
Minutes, seconds, 1/100 seconds display
1/100 seconds



Minutes      Seconds

**<1 hour over>**
Hours, minutes, seconds display
Seconds



Hours      Minutes

## [Using the chronograph]

<Standard measurement>
START → STOP → RESET
B         B        C

<Accumulated elapsed time measurement>
START → STOP → RESTART → STOP → RESET
B         B        B          B        C

Can accumulate repeatedly by pressing B .

<Split time measurement>
START → SPLIT --→ RESTART → STOP → RESET
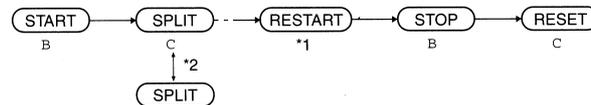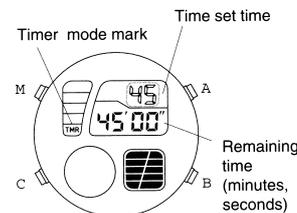B         C         *1         B        C
          *2
       SPLIT

*1 Automatically switched after 10 seconds.
*2 When the same button Ⓒ is pressed again during the display of a split time, the next split time is displayed.

## 8. Using Timer [TMR]
• The timer can be set up to 99 minutes in 1 minute.
• The timer automatically switched to chronograph measurement when the timer time is up.
• A warning sound before the set time is up and sound beep when the time is up.



Timer mode mark
Time set time
Remaining time (minutes, seconds)

### [Setting timer]
• Press button Ⓒ to advance one minute at a time.
• Press button Ⓒcontinuously, minutes will move quick advance.

### [Timer start/stop]
• Press button Ⓑ to start the timer after the timer is set. Ⓐ start beep sounds once at this time.
• Press button Ⓑ at any time the timer is in motion to stop the timer. Press button Ⓑ again to restart the timer.
• Press button Ⓒ to reset the timer while the timer is stopped.

## [Timer time up and auto-chronograph feature]

• At the end of a timing session, an end of session confirmation beep sounds for 5 seconds, the watch switches to the chronograph measurement starts. (Auto-chronograph feature)
  ☆ **Auto-chronograph feature**
    The auto-chronograph feature can measure up to 24 hours in 1 second start from timer time up.
• Press button Ⓑ to stop measurement.
• Press button Ⓑ again to repeat the start and stop cycle.
• Press button Ⓒ to reset chronograph.
* This auto-chronograph can not use to split measurement.

## [A time up warning beep sounds ON/OFF feature]

Can be switched ON or OFF of a time up warning beep sounds by pressing button Ⓑ during pressing button Ⓐ. When switch to ON, timer mode mark will flash.
A time up warning beep sounds once at the following intervals: before the time is up 5, 4, 3, 2, 1 minutes and every 10 seconds from 50 to 10, 9, 8, ……5, 4, 3, 2, 1.
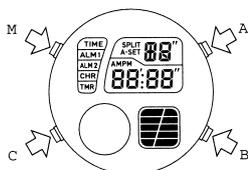☆ **Fly back feature**
  The flyback feature is used to restart the timer anytime after the timer has already been started Press button Ⓒ anytime during a timer counting, a confirmation beep will sound and the timer restart the moment.

## 9. All-Reset Operation

After replacing the battery or when the watch's display is unusual due to strong shock or intense static electricity. (No display, alarm continuously sounds etc.) Perform the all-reset operation as follows:
1) Press buttons Ⓐ, Ⓑ, Ⓒ, and Ⓜ simultaneously.
2) Release the buttons. All the display segments will appear.
3) Press any buttons Ⓐ, Ⓑ, Ⓒ, or Ⓜ. At that time confirmation will sound. The all-reset operation is complete. Setting each mode again before using.

## 10. Precautions
## Water resistance

| Classification | Specification | Indication | | Water-related use | | | | |
| | | Dial | Case back | Washing face or getting wet in the rain (When splashed over it and no water pressure is appleid to it) | Swimming and general washing work (Kichen work / car washing, etc) | Water sports and ski diving (without air tank) | Scuba diving (with air tank) | Pulling out the crown when the watch is wet |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Reinforced water resistance for daily life | 5 bar water resistent watch | WATER RESIST WR***/**bar | WATER RESIST (ANT) | OK | OK | NO | NO | NO |
| | 10 / 20 bar water resistent watch | | | OK | OK | OK | NO | NO |

*"WATER RESISTANT"* may sometimes be abbreviated as *"WATER RESIST"*

* Always set the crown in the normal position

## Water resistance
- To prevent water coming into contact with the internal mechanism of the watch, the crown should under no circumstances be pulled out while the watch is wet.
- If watches designed for sports or working in the water are exposed to salt water or significant amounts of sweat, they should be rinsed in fresh water and dried thoroughly.
- Exposure to water may affect the durability of some types of the leather band.
- Because the internal watch parts may hold some moisture, if the external temperature is lower than inside the watch, the glass covering the watch face may fog up. If this fogging up is only temporary it causes no problem, however, if it persists over a long period of time you should discuss the matter with a salesperson at the shop where you purchased the watch or at a Citizen Service Centre.

## Temperature
Avoid exposing the watch to direct sunlight or leaving it in extremely hot or cold locations for a long period of time.
- This will cause malfunctioning and will shorten the life of the battery.
- This may cause your watch to gain or lose time and affect its other functions.

## Shock
- This watch will withstand the bumps and jars normally incurred in daily use and while playing such non-contact sports as golf, etc.
- Dropping the watch on the floor or otherwise imparting severe shock to it may cause malfunctioning or damage.

## Magnetic Fields
This watch is antimagnetic up to 60 gauss and not affected by the magnetic fields produced by ordinary household electric appliances. It used the immediate vicinity of strong magnetism, however, the watch's functions may temporarily be affected.

## Static Electricity
The integrated circuits used in the watch are sensitive to static electricity. If exposed to intense static electricity, the watch's display may lose its accuracy.

## Chemicals and Gases
Avoid wearing the watch in the presence of strong chemicals or gases. If the watch comes in contact which such solvents as thinner and benzine or products containing materials such as gasoline, polish, detergent or adhesive, its components may discolour, dissolve or crack. Be especially careful to avoid chemicals. The watchcase or band may discolour if they come in contact with mercury from a broken thermometer or other equipment.

## Keep Your Watch Clean
Wipe off soil and moisture from the glass with a soft, absorbent cloth. If you wear the watch when the back side of the case and watchband is soiled they may cause skin rash as they come in direct contact with your skin. Keep your watch clean also to avoid staining your cuffs.
How to clean the watchband:
- Metal band – Wash soiled parts with a toothbrush in mild, soapy water.
- Plastic or rubber band – Wash in water. Do not use solvent.
- Leather band – Rub lightly on front side with a soft, dry cloth. Use a cloth moisturized with alcohol to clean the underside.

## Periodic Inspection
Getting your watch checked once every year or two is recommended to ensure long use and trouble-free operation.
**Be sure to keep the batteries out of reach of infants and small children. Should accidental ingestion occur, consult a doctor at once.**

## 11. Specifications
1. Caliber No. … C350
2. Type Combination quartz… watch
3. Time Accuracy… Within ±30 sec/month (5˚C - 35˚C)
4. Temperature Range… 0˚C - 55˚C (32˚F - 131˚F)
5. Display Functions…
   Analog display: hour, minute
   Digital display:
   - Time/Calendar: hours, minutes, seconds, month, date, day
   - Alarm1, Alarm 2
   - Chronograph: 24-hours measurement (less than 60 minutes: in 1/100 sec); split-time measurement
   - Timer: 99 minutes (1-minute), auto-chronograph (24-hours measurement), Time up warning beep sound
6. Additional Functions… EL (electro luminescence) illumination
7. Battery… Battery No.: 280-44, battery code: SR927W
8. Battery life: … Approx. 2 years in normal use (alarm, 40 sec/day; Time up warning beep sound, 5 sec/day; EL lits; 3 sec/day)

<Note> Battery life will maintain stable accuracy for approx. 2 years under normal conditions (as in above conditions) after replacing with a new battery. However the battery life will change depending on the frequency the alarm, chronograph and EL illumination are used. The above specifications may change due to improvements without notice.