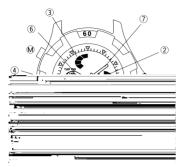# CITIZEN QUARTZ
DOUBLE FACE

Model No. JQ4✼✼✼
Cal. No. C820

1. Main Features

This is a combination quartz watch with a full range of features such as Time, Calendar, Alarm, Chronograph, and Timer, plus the Taplight function, which illuminates the face when you tap the watch face gently. The display can be switched easily, so that the entire digital display is cleared, leaving only the time and calendar characters, or the entire digital display appears, or some other configuration. An EL light is included, which can be switched on using the tap switch.

2. Component Parts and their Functions

	Name of Parts		Time	Calendar	Alarm	Chronograph	Timer
①	Digital display		Hour, Minute, Second AM/PM	Month, Date, Day (Year)	Hour, Minute, AM/PM	Chrono 1/100 seconds, Second, Minute or Second, Minute, Hour	Timer minute, Second, Set time (minute)
②	5/1 second graphic display		5/1 second graphic			Chrono 5/1 second graphic	Timer 5/1 second graphic
③	Second graphic		Second graphic			Chrono1/10 second graphic	Timer second graphic
④	Mode display		TME	CAL	ALM	CHR	TMR
Ⓐ	Button Ⓐ	Press once	EL Light illuminated		Switching ON/OFF	Start/Stop	Start/Stop
		Press for 2 seconds or longer					
Ⓑ	Button Ⓑ	Press once	Display switch	Display switch			
		Press for 2 seconds or longer	Adjust Time	Adjust Calendar			
			To CAL mode	To ALM mode	Alarm monitor	—	—
					—	Split/Reset	Adjust set time
					Adjust Alarm	—	Fast adjustment of set time

3. How to Switch the Digital Display

• Use the tap switch or button to switch the time and calendar modes between three digital displays. Set the time and calendar displays according to their respective adjustment methods.

(1) How to switch the display by tap switch (by tapping the watch gently)

• When the tap switch is on, tap the face of the watch (the glass or somewhere else) gently with your fingernail to light the EL light and switch display.

☆ Do not tap on the glass with any sharp or metallic object as these could scratch or break the glass.

☆ If the watch is strapped tightly to your wrist, it may become difficult to switch the tap switch on. For best results, adjust the strap to deep some slack.

<How to Switch the Tap Switch "ON" and "OFF">

Taplight switch
ON/OFF mark

- When the watch is in time adjustment mode, press button Ⓐ to switch the tap switch ON and OFF alternately. When the tap switch is ON, "ON" appears next to the TAP mark.
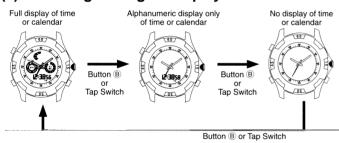(1) Press button Ⓜto switch to time mode.
(2) Press button Ⓑ for 2 seconds or longer to put the watch in time adjustment mode.
(3) Press button Ⓐ while both "TAP" and "TME" are flashing to switch ON and OFF.
 (NOTE) Each time you press button Ⓑagain, the adjustment position shifts through summertime, seconds, minutes, hours,12H/24H.
(4) Press button Ⓜ to return to normal Time display.

(2) How to switch the display by pressing buttons
- Regardless of whether the tap switch is ON or OFF, the display changes each time you press button Ⓑ during normal Time or Calendar display.

(3) Switching the digital display

Full display of time or calendar

Alphanumeric display only of time or calendar

No display of time or calendar

Button Ⓑ or Tap Switch

Button Ⓑ or Tap Switch

Button Ⓑ or Tap Switch

4. Setting the Analog Time
(1) Pull the crown out so that the second hand stops at the "0" position.
(2) Turn the crown and set the hands to the correct time.
(3) After setting the time, press the crown back in to start the watch.

☆ Stop the second hand at the "0" position and then press the crown when the digital display reaches zero seconds. The second hand will start to move in synchronisation with the digital display.

You may also set the analog and digital displays for different times as a dual time display.

Time Adjustment Position

5. Switching Digital Functions (Modes)
In addition to Time mode, this watch has 4 other modes; Calendar, Alarm, Chronograph and Timer Each time you press button Ⓜ, the mode changes.

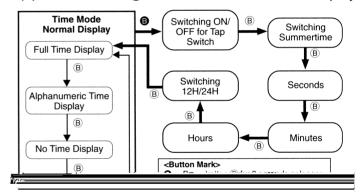**6. Using Digital Functions (Modes)**

Ⓐ Time Mode

- Press the button Ⓐ (or kept pressing) while the watch is in normal Time display to switch the EL light on.

<To Set Time>
(1) Press button Ⓑ for at least 2 seconds or longer during Time mode (normal display) to change to adjustment mode. The time display and graphic display will disappear and "TAP" and "TME" will flash.

(2) Pressing button Ⓐ while "TAP" and "TME" are flashing to switch the tap switch ON and OFF.
(3) Press button Ⓑ while "TAP" and "TME" are flashing to change the area of the display that is flashing. Press button Ⓑ until the position you want to adjust is flashing.
(4) Press button Ⓐ to adjust flashing section.
 - Press and hold button Ⓐ for rapid advancement. Summertime and 12H/24H change each time the button is pressed. There is no rapid advancement for these functions.
(5) Press button Ⓐ while seconds are flashing, seconds will return to "00" and restart.
 - If seconds show 30 through 50, minutes display will advance one minute.
(6) Press button Ⓜ to return to normal Time display.

Time Mode Normal Display

Full Time Display → Alphanumeric Time Display → No Time Display

Switching ON/OFF for Tap Switch → Switching Summertime → Seconds → Minutes → Hours → Switching 12H/24H
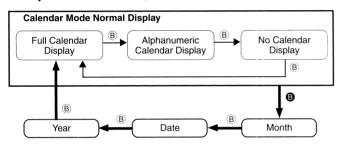
<Button Mark>

- Auto-Return to the normal Time display (Full Time Display) will be activated when the watch is left in the adjustment mode for about 2 minutes.
- Make sure that the AM/PM indication is correct when setting the time in the 12-hour display system.
- Instant Manual Return to normal Time display (Full Time Display) can be made by pressing button Ⓜ in Time adjustment mode.

B Calendar Mode

- If you press button Ⓑ (or kept pressing) while the watch is normal Calendar mode, the EL light will flash.

(1) If you press and hold button Ⓑ for 2 seconds or longer while the watch is in Calendar mode (normal display), the "Month" will start flashing, indicating that the watch is adjustment mode.
(2) Each time you press button Ⓑ, flashing position changes as shown on the right. Flash the part you want to adjust.
(3) Press button Ⓐ to adjust flashing position. (Press and hold button Ⓐ for rapid advancement.)
(4) Press button Ⓜ to return to normal Calendar display.
☆ Day of the week is automatically set with adjustment of Year, Month and Date.

Calendar Mode Normal Display

Full Calendar Display →Ⓑ Alphanumeric Calendar Display →Ⓑ No Calendar Display →Ⓑ ... Month ←Ⓑ Date ←Ⓑ Year →Ⓑ (back to Full Calendar Display)

- Calendar can be set from 1999 through 2099.
- Auto-Return to normal Calendar display will be activated when the watch is left in Calendar adjustment mode (flashing display) for about 2 minutes.
- When Calendar is set to a non-existent date (e.g., February 30), display will automatically show the first day of next month when returned to normal mode.
- Month-end adjustments are not necessary since calendar is programmed to set automatically.
- Instant Manual Return to normal Calendar display (Full Calendar Display) can be made by pressing button Ⓜ in Calendar adjustment mode

C Alarm Mode

- When the tap switch is ON, tap the watch gently to light the EL light.

<To Set Alarm>

[Normal Alarm Display]

(1) Press and hold button Ⓑ in Alarm mode (normal display) for 2 seconds or longer. "Hour" starts flashing and may be adjusted.
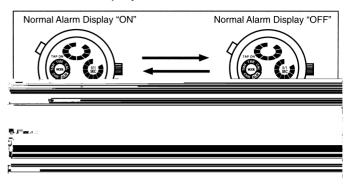(2) Each time you press button Ⓑ flashing position changes. Flash the part you want to adjust.
(3) Press button Ⓐ to set the time you want the alarm to sound. (Press and hold button Ⓐ for rapid advancement.)

(4) Press button Ⓜ to return to Alarm mode (normal display).
(Note) If the watch is set to 12-hour display. (AM-PM) in Time mode, Alarm will also be set to 12-hour display.

Normal Alarm Display "ON"   Normal Alarm Display "OFF"

<To Switch Alarm ON/OFF>
- Press button Ⓐ in Alarm mode (normal display) to switch the alarm ON or OFF.

<Duration of Alarm Sounding and How To Stop the Alarm Sound>
- Alarm will sound for 15 seconds.
- Press any button to stop Alarm buzzer.

<Alarm Sound Monitor>
- Press and hold button Ⓐ in Alarm mode to make the alarm monitor sound.
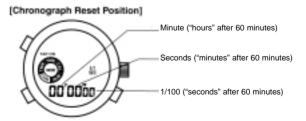
< Auto-Return>
- The display will return to normal Alarm display "ON" in Alarm adjustment mode if no buttons are pressed for 2 minutes or longer. The display will return to normal Time mode if no buttons are pressed for 2 minutes or longer in normal Alarm display.

<Instant Manual Return>
- Press button Ⓜ in Alarm adjustment mode to return to Alarm mode (normal display).

D Chronograph Mode

- Chronograph measures in units of 1/100 of a second, up to "23 hours, 59 minutes and 59 seconds". On reaching 24 hours of elapsed time, it resets to "00 minutes, 00 seconds and 00" hundredths and stops.
- When the tap switch is ON, tap the watch gently to light the EL light.

[Chronograph Reset Position]

Minute ("hours" after 60 minutes)
Seconds ("minutes" after 60 minutes)
1/100 ("seconds" after 60 minutes)

Display of Time Measurement
- Chronograph shows "Minutes", "Seconds" and "1/100 second" and will change to "Hours", "Minutes" and "Seconds" after 60 minutes.
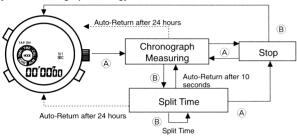
<Elapsed Time Measurement>
(1) Press button Ⓐ to start/stop Chronograph.
  ① Each time you press button Ⓐ while in time measurement, start/stop is repeated.
  ② EL light is turned ON for 3 seconds when counting is stopped.
(2) Press button Ⓑ when counting is stopped to reset chronograph.

<Split Time Measurement>
(1) Press button Ⓐ to start/stop Chronograph.
(2) Press button Ⓑ while in time measurement. Split time will appear for 10 seconds.
  ① "SPL" will flash while split time is displayed.
  ② EL light is turned on for 3 seconds at the time of split time operation.
(3) Press button Ⓑ when counting is stopped to reset Chronograph.

[Initial Chronograph Setting]

Auto-Return after 24 hours
Chronograph Measuring
Ⓐ
Stop
Ⓑ
Ⓐ
Ⓑ Auto-Return after 10 seconds
Split Time
Ⓐ
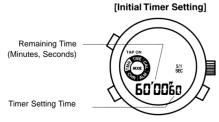Auto-Return after 24 hours
Ⓑ
Split Time

> ☆ If switched to another mode while Chronograph is running and then returned to Chronograph mode again, the watch will return to countdown continuing at the time of switching. (If switched while Split Time is shown, the watch will return to Chronograph running mode.)
> However, if Chronograph counting has exceeded 24 hours, the watch will return to initial Chronograph reset display.
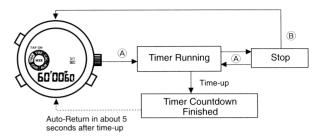
E Timer Mode

• Timer can be set in units of 1 minute up to 60 minutes. When Timer countdown is finished, buzzer will sound for about 5 seconds and return to the Timer set time.
• When the tap switch is ON, tap the watch gently to light the EL light.

[Initial Timer Setting]

Remaining Time (Minutes, Seconds)

Timer Setting Time

<To Set Timer>
(1) If you press button Ⓐ while the set time is flashing in timer mode, the set time will be reduced by one minute for each time you press and release the button. Continue until you reach the set time you want.
  (Press and hold button Ⓑ to make rapid adjustment to the set time.)

<To Use Timer>
(1) Press button Ⓐ. Timer starts countdown from set time.
(2) Press button Ⓐ to stop Timer during in the measurement. Press button Ⓐ to start it again while in the "Stop" position.
• Press button Ⓑ, while Timer is in operation, to return to the initial set time, and start the countdown again.
(3) If you press button Ⓑ while Timer is stopped, Timer will return to the initial set time.
• The confirmation tone will sound when you press the button.

Ⓑ
Ⓐ
Timer Running
Ⓐ
Stop
Time-up
Timer Countdown Finished
Auto-Return in about 5 seconds after time-up

> ☆ If watch is switched to another mode while Timer is in operation and then returned to Timer mode again, the watch will return to countdown continuing at the time of switching. However, if countdown has completed, the watch will return to initial Timer setting.

7. All Reset Function
Use All Reset function to reset the watch after replacing the battery or if the watch is showing abnormal operation or display. All Reset function can be performed as follows:
(1) Pull crown out.
(2) Press buttons Ⓐ, Ⓑ and Ⓜ simultaneously. (All digital displays will disappear while pressing.)
(3) Release three buttons. (All digits are shown.)
(4) Push crown in. (At this point, buzzer sounds in confirmation.)
  This completes the All-Reset operation. Set each mode correctly before using the watch.

8. Precautions

CAUTION Water-Resistance Performance
There are several types of water-resistant watches, as shown in the following table. For correct use within the design limits of the watch, confirm the level of water-resistance of your watch, as indicated on the dial and case, and consult the table.
• Water-resistance for daily use (to 3 atmospheres): This type of watch is water-resistant to minor exposure to water. For example, you may wear the watch while washing your face; however, it is not designed for use underwater.
• Upgraded water-resistance for daily use (to 5 atmospheres): This type of watch is water-resistant to moderate exposure to water. You may wear the watch while swimming; however, it is not designed for use while skin diving.
• Upgraded water-resistance for daily use (to 10/20 atmospheres): This type of watch may be used for skin diving; however, it is not designed for scuba or saturated diving using helium gas.

Indication			Examples of use				
Dial	Case (Case back)	Specifications	Minor exposure to water (washing face, rain, etc.)	Moderate exposure to water (washing, kitchen, work swimming, etc.)	Marine sports (skin diving)	Scuba diving (with air tank)	Operation of the crown with moisture visible
WATER RESIST or no indication	WATER RESIST(ANT)	Water-resistant to 3 atmospheres	OK	NO	NO	NO	NO
WR 50 or WATER RESIST50	WATER RESIST(ANT) 5 bar or WATER RESIST(ANT)	Water-resistant to 5 atmospheres	OK	OK	NO	NO	NO
WR 100/200 or WATER RESIST100/200	WATER RESIST(ANT) 10/20 bar or WATER RESIST(ANT)	Water-resistant to 10/20 atmospheres	OK	OK	OK	NO	NO

* WATER RESIST(ANT) xx bar may also be indicated as W.R xx bar.

CAUTION

- Be sure to use the watch with the crown pressed in (normal position). If your watch has a screw-type crown, be sure to tighten the crown completely.
- Do NOT operate the crown or button with wet fingers or when the watch is wet. Water may enter the watch and compromise water-resistance.
- If the watch is used in seawater, rinse in fresh water afterward and wipe with a dry cloth.
- If moisture has entered the watch, or if the inside of the crystal is fogged up and does not become clear within a day, immediately take the watch to your dealer or Citizen Service Centre for repair. Leaving the watch in such a state will allow corrosion to form inside.
- If sea-water enters the watch, place the watch in a box or plastic bag and immediately take it in for repair. Otherwise, pressure inside the watch will increase and parts (crystal, crown, buttons, etc.) may come off.

CAUTION Keep Your Watch Clean

- Leaving dust and dirt deposited between the case and crown may result in difficulty in pulling the crown out. Rotate the crown while in its normal position from time to time, to loosen dust and dirt and then brush it off.
- Dust and dirt tend to be deposited in gaps in the back of the case or band. Deposited dust and dirt may cause corrosion and soil your clothing. Clean the watch occasionally.

Cleaning the Watch

- Use a soft cloth to wipe off dirt, perspiration and water from the case and crystal.
- Use a soft, dry cloth to wipe off perspiration and dirt from the leather band.
- To clean a metal, plastic, or rubber watchband, wash away dirt with mild soap and water. Use a soft brush to remove dust and dirt jammed in the gaps in the metal band. If your watch isn't water-resistant, take it to your dealer.
NOTE: Avoid using solvents (thinner, benzine, etc.), as they may mar the finish.

WARNING Handling of the Battery

- Keep the battery out of the reach of small children. If a child swallows the battery, contact a physician immediately.

CAUTION Replacing the Battery

- For replacement of the battery, take your watch to your dealer or Citizen Service Centre.
- Replace the battery as soon as possible if the service life of the battery has expired. Leaving a depleted battery in the watch may result in leakage, which can damage the watch severely.

CAUTION Operating Environment

- Use the watch within the operating-temperature range specified in the instruction manual. Using the watch where temperatures are outside the specified range may result in deterioration of functions or even stoppage of the watch.
- Do NOT use the watch in places where it is exposed to high temperature, such as in a sauna. Doing so may result in a skin burn.
- Do NOT leave the watch in a place where it is exposed to high temperature, such as the glove compartment or dash-board of a car. Doing so may result in deterioration of the watch, such as deformation of plastic parts.
- Do NOT place the watch close to a magnet. Timekeeping will become inaccurate if you place the watch close to magnetic health equipment such as a magnetic necklace or a magnetic latch of a refrigerator door or handbag clasp or the earphone of a mobile phone. If this has occurred, move the watch away from the magnet and reset the time.
- Do NOT place the watch close to household appliances that generate static electricity. Timekeeping may become innacurate if the watch is exposed to strong static electricity, such as emitted from a T.V screen.

- Do NOT subject the watch to a strong shock such as dropping it onto a hard floor.
- Avoid using the watch in an environment where it may be exposed to chemicals or corrosive gases. If solvents, such as thinner and benzine, or substances containing such solvents come in contact with the watch, discolouration, melting, cracking, etc. may result. If the watch comes in contact with mercury used in thermometers, the case, band or other parts may become discoloured.

9. Specifications

1. Caliber No................C820
2. Type........................Combination (Analog + Digital) quartz watch
3. Accuracy.................. Within ±20 seconds/month (Within a normal temperature range of + 5°C to + 35°C/ + 41° to + 95°F when worn.)
4. Operating Temperature
   Range:.....................0°C~+ 55°C (+ 32°F~ + 131°F)
5. Displlay Functions....• Time: Hours, Minutes, Seconds, Normal Time/switching summertime, AM/PM
   - Calendar, Month, Date, Day (Year)
   - Alarm: Hours, Minutes, ON/OFF, Alarm Monitor
   - Chronograph: 24-hour Measurement (in 1/100 second units), Split Time Measurement
   - Timer: 60-minute Countdown (in 1 minute increaments)
6. Additional Functions...• Tap Switch Function
   - EL Light Function
7. Battery......................Battery No.: 280-74, Battery Code: SR936W
8. Battery Life.............. About 2 years. (Based on assumed use of alarm buzzer 20 secs/day, timer buzzer 5 secs/week and EL Light 18 secs/day.)
- These specifications are subject to change for product improvement without prior notice.