Calibre 8700 Series (mvt. cal. E870) Quick Reference

Alarm ON/OFF Scale

Leap Year Scale

Second Hand

Upper Right Button (A)

24-Hour Scale

Minute Hand

24-Hour Hand

Hour Hand

Crown

Day of Week Scale

Function Hand

Month Scale Dial Ring

Lower Right Button (B)

Date

Seconds/Minutes Track

Mode Hand
(either tip activates mode)

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CITIZEN
Eco-Drive

PERPETUAL
CALENDAR
WR 100

MODELS – BL80** Calibre 8700 Series

Mvt. Cal. No. E870

FEATURES
- ■Light Powered
- ■Time
- ■Perpetual Calendar
- ■Alarm
- ■Dual Time

BENEFITS
- ■ Environmentally Clean Energy Source
- ■Displays 12/24 Systems
- ■ Accurate to the year 2100
- ■Daily Alarm
- ■Second time zone

IMPORTANT NOTE:
If you suspect a malfunction, first check the 0-position of the hands as outlined in the 0-positioning check procedure. If the hands and date do not move to their respective 0-positions, it will be necessary to set them for proper operation.
After a full recharge from complete power loss or if abnormal operation is noted, an ALL RESET and 0-POSITIONING CORRECTION will be needed.
The second hand on this watch moves in one-second increments to indicate that the charge level is sufficient for normal time keeping operation. If it is not moving in one-second increments, be sure to charge your watch fully as outlined in your Instruction Manual.

0-POSITIONING CHECK PROCEDURE
- ■Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Local Time mode (L-TM).
- ■Push the crown back in one 'click' to the closed position next to the case.
- ■Press the upper right button (A) for 10 or more seconds until the hands move to the 0-position stored in memory. Release the upper right button (A). The correct 0-position for each hand is as follows:

    -Hour, Minute and Second hand pointing to '12:00'
    -24 Hour hand pointing to '24'
    -Function hand pointing to 'SUN'
    -Date indicating '1'

If any of the hands do not indicate their respective 0-position, it will be necessary to perform the all reset and 0-positioning correction procedure.
- ■Press the upper right button (A) to resume normal operation in the Local Time mode.

ALL RESET and 0-POSITIONING CORRECTION PROCEDURE
- ■Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Local Time mode (L-TM)
- ■Push the crown back in one 'click' to the closed position next to the case.
- ■When the hands have stopped moving, pull the crown out two 'clicks'.
- ■Press the upper right (A) and lower right (B) buttons simultaneously for two to three seconds, then release. Following a confirmation tone, each of the hands performs a 'demonstration' in the order of the Function, Minute and Second hands to indicate that the 'all reset' of the movement has completed.
- ■Press the upper right button (A). The Minute hand will move to indicate the Hour, Minute and 24 Hour hands can be set. Turn the crown clockwise or counterclockwise to set Hour, Minute hands to 12:00 and the Function hand to '24' (the 24 Hour hand moves in conjunction with the Hour hand and cannot be set independently.)

Turning the crown rapidly ('clicking' continuously two or more times) causes the hands to advance continuously until the crown is again turned.
- ■Press the upper right button (A) again. The Function hand will move indicating that is the hand that can now be set. Turn the crown clockwise or counterclockwise so that Function hand points to 'SUN' and the date is set for 1. Turning the crown rapidly ('clicking' continuously two or more times) causes the hand to advance continuously until the crown is again turned.
- ■Press the upper right button (A). The Second hand will move indicating the Second hand can now be set.
Turn the crown clockwise to move the Second hand to the '12:00' position.
- ■Push the crown in two 'clicks' to the closed position next to the case. This completes the all reset and 0-positioning correction.
- ■Continue with To Set the Time.

TO SET THE TIME
- ■Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Time mode (TME).
- ■Pull the crown out an additional 'click' to the time setting position. The Second hand will move to the 12:00 position.
- ■Turn the crown to change the position of the Hour, Minute and 24 Hour hands electronically. Turning the crown clockwise moves the hands forward and counterclockwise moves the hands backward. Turning the crown quickly causes the hands to move in a continuous or rapid set manner. Turning the crown one 'click' in either direction while the hands are in the "rapid set" mode will cause the hands to stop.
- ■Be sure to set time to the correct AM/PM. by referring to the 24 hour hand. After setting time, push the crown in to finalize time setting.

TO SET THE CALENDAR
- ■ Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Calendar mode (CAL).
- ■Pull the crown out an additional 'click' to the Calendar setting position. The Function hand will move to indicate the leap year set in memory. The positions are as follows:

    -'LY'= indicates the current year is a leap year
    -'+1' indicates 1 year past a leap year
    -'+2' indicates 2 years past a leap year
    -'+3' indicates 3 years past a leap year

Turn the crown clockwise or counterclockwise to set the correct leap year position.
- ■Press the upper right button (A). The Second hand will move to indicate the month stored in memory. Turn the crown clockwise to set the current month.

- ■Press the upper right button (A). The Function hand will move to the middle of the day indicator indicating the date can be set. Turning the crown clockwise will advance the date, while turning the crown counterclockwise will move the date backward. Turning the crown quickly causes the hands to move in a continuous or rapid set manner. Turning the crown one 'click' in either direction while the hands are in the "rapid set" mode will cause the hands to stop. Set the date for the current date.
- ■Press the upper right button (A). The Function hand will move to the day of the week stored in memory. Turn the crown clockwise or counterclockwise to set the current day of the week.
- ■Push the crown to the closed position next to the case. This completes setting the Calendar.

TO SET THE ALARM
The alarm is based on a 24-hour time period and can be set to sound at the same time each day.
- ■Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Alarm mode (ALM). The Hour, Minute and 24 Hour hands will move to the current alarm time set position.
- ■Pull the crown out an additional 'click' to the Alarm time setting position. The alarm will automatically be activated and the Function hand will move to indicate 'ON'.
- ■Rotate the crown either clockwise or counterclockwise to set the desired alarm time, paying close attention to the 24 Hour hand to ensure the proper AM or PM alarm time is set.
- ■Press the lower right button (B) to turn the alarm ON or OFF.
- ■Push the crown to the closed position next to the case.

TO SET THE LOCAL TIME
The local time (L-TM) function allows the time to be set and displayed for a different time zone other than your own. It can be set in 1-hour increments only.
- ■Pull the crown out one 'click'.
- ■Turn the crown so that either tip of the Mode hand is pointing to the Local Time mode (L-TM).
- ■Pull the crown out an additional 'click' to the Local time setting position.
- ■Turn the crown clockwise to advance the time by one hour, or counterclockwise to move the time back one hour.
- ■Once you have the local time set, push the crown in two 'clicks' to the closed position next to the case.

For additional features and instructions, please refer to the full instruction manual or our web site at www.citizenwatch.com.

Setting Instructions for BL80** Calibre 8700 Series
Cal. No. E870

ZERO-POSITION CHECK PROCEDURE

1.) If your timepiece malfunctions in some way or completely looses power, it will be necessary to first check the Zero Position of the hands.

2.) To begin, pull the crown out one 'click'.

3.) Next turn the crown clockwise or counterclockwise, so that either tip of the Mode hand, is pointing to the L-TM, or Local Time mode.

4.) Now **push** the crown one 'click', back to the closed position next to the case.

5.) Next, while still in the L-TM or Local Time mode, press and hold the upper right button pressed for 10 or more seconds until the hands start to move and then release the button. The hands will automatically move to the zero-position stored in memory. The correct zero-position for each hand is as follows:

   - The Hour, Minutes and Second hands should point to '12:00

   - 24 Hour hand should point to '24'

   - Function hand should point to 'SUN'

   - The Date should indicate '1'

6.) If any of the hands do not indicate their respective 0-position, or if the date does not indicate 1, please go to the "All Reset" procedure to perform the all reset and zero-positioning correction procedure.

7.) Press and release the upper right button to resume normal operation in the Local Time mode. Remember, if any of the hands did not indicate the correct 0-position, you must perform the 'all-reset and 0-positioning correction procedure."

ALL RESET and 0-POSITIONING CORRECTION PROCEDURE

1) First, pull the crown out one 'click'.

2) Next turn the crown clockwise or counterclockwise so that either tip of the Mode hand is pointing to L-TM or Local Time mode.

3) Push the crown in one 'click' to the closed position.

4) When the hands have stopped moving, pull the crown out two 'clicks'.

5) Press and hold the upper right and lower right buttons simultaneously for two to three seconds, then release.

6) Following a confirmation tone, first the Function, then the Minute and finally the Second hand will perform a 'demonstration' to indicate that the 'all reset' of the movement has completed.

7) Next, press and release the upper right button. The Minute hand will move to indicate the Hour, Minute and 24 Hour hands can be set. Turn the crown clockwise or counterclockwise to set the Hour and Minute hands to 12:00, and the Function hand to '24'. Please note the 24 Hour hand moves in conjunction with the Hour hand and cannot be set independently. Turning the crown rapidly causes the hands to advance continuously until the crown is again turned.

8) Now press and release the upper right button again. The Function hand will move indicating that is the hand that can now be set. Turn the crown clockwise or counterclockwise so that Function hand points to 'SUN' and the date is set for 1. Turning the crown rapidly causes the hand to advance continuously until the crown is again turned.

9) Press and release the upper right button again. The Second hand will move indicating the Second hand can now be set. Turn the crown clockwise to move the Second hand to the '12:00' position.

10) Push the crown in two 'clicks' to the closed position next to the case. This completes the all reset and zero-positioning correction. You must now set the time and date.

SETTING THE TIME

1.) To begin, pull the crown out one 'click'.

2.) Next turn the crown clockwise or counterclockwise so that either tip of the Mode hand is pointing to 'TME' or Time mode.

3.) Now pull the crown out an additional 'click' to the time setting position. The Second hand will move to the 12:00 position.

4.) Turn the crown to change the position of the Hour, Minute and 24 Hour hands. Turning the crown clockwise moves the hands forward and counterclockwise moves the hands backward. Turning the crown quickly causes the hands to move continuously until the crown is turned again.

5.) Be sure to set time to the correct AM/PM. by referring to the 24 hour hand. (AM time is indicated when the 24 hour hand points between 24 to 12. PM time is indicated when the 24 hour hand points between12 to 24)

6.) After setting time, push the crown in two 'clicks' to the closed position to finalize time setting. This completes the setting the time.

SETTING THE CALENDAR

1) To begin pull the crown out one 'click'.

2) Turn the crown so that either tip of the Mode hand is pointing to 'CAL' or Calendar mode.

3) Now pull the crown out one additional 'click' to the Calendar setting position. The Function hand will move to indicate the leap year set in memory. The positions are as follows:

   -'LY'= indicates the current year is a leap year
   -'+1' indicates 1 year past a leap year
   -'+2' indicates 2 years past a leap year
   -'+3' indicates 3 years past a leap year

   Turn the crown clockwise or counterclockwise to set the correct leap year position.

4) Press and release the upper right button. The Second hand will move to indicate the month stored in memory. Turn the crown clockwise to set the current month.

5) Press and release the upper right button again. The Function hand will move to the "SUN" position indicating the date can be set. Turning the crown clockwise once, will make the function hand go around four times and advance the date by one day, while turning the crown counterclockwise will similarly move the date backward by a day. Repeat this action until the date is set to the current date.

6) Press and release the upper right button again. The Function hand will move to the day of the week stored in memory. Turn the crown clockwise or counterclockwise to set the current day of the week.

7) Push the crown in two 'clicks' to the closed position next to the case. This completes setting the Calendar.

SETTING THE ALARM

1.) The alarm is based on a 24-hour time period and can be set to sound at the same time each day until the alarm is deactivated. Please note the alarm time is based on the time set in the TME or Time mode, and not the L-TM or Local Time mode.

2.) To begin, pull the crown out one 'click'.

3.) Turn the crown clockwise or counterclockwise to move the mode hand so that either tip is pointing to 'ALM' or Alarm Mode. The Hour, Minute and 24 Hour hands will move to the current alarm time set in memory.

4.) Now pull the crown out one additional 'click' to the Alarm time setting position. The alarm will automatically be activated and the Function hand will move to indicate 'ON'.

5.) Rotate the crown either clockwise or counterclockwise to set the desired alarm time. Remember that the alarm time is based on the TME or Time mode, and not the L-TM or Local time mode. Pay close attention to the 24 Hour hand to ensure that the proper AM or PM alarm time is set. (AM time is indicated when the 24 hour hand points between 24 to 12. PM time is indicated when the 24 hour hand points between 12 to 24)

6.) Press and release the **lower** right button to change the indication of the function hand to "ON" (alarm on) or "OFF" (alarm off).

7.) Push the crown in two 'clicks' to the closed position. You have now completed setting the alarm. When the alarm sounds at the set time, simply press either button to stop the tone.

Activating and Deactivating the alarm (Turning the alarm on or off)

1.) Once the alarm time is set, and the alarm function is activated, or set to 'ON", the alarm will sound at the same time each day. There may be occasions however in which you have set the alarm time and wish to deactivate (turn the alarm function OFF) or reactivate (turn the alarm function ON) this feature.

2.) Pull the crown out one 'click' and rotate it in either direction so that either tip of the mode hand is pointing to 'ALM' or alarm mode.

3.) Pull the crown out one additional 'click' to the alarm time setting position.

4.) Press and release the lower right button to change the indication of the function hand to "ON" (alarm on) or "OFF" (alarm off).

5.) Press the crown in two clicks to the closed position. This completes activating or deactivating the alarm.

SETING THE LOCAL TIME

1) The L-TM or local time function allows the time to be set and displayed for a different time zone other than your own. It can be set in 1-hour increments only.

2) To begin, pull the crown out one 'click'.

3) Now turn your crown clockwise or counterclockwise so that either tip of the Mode hand is pointing to 'L-TM' or Local Time mode.

4) Pull the crown out an additional 'click' to the Local time setting position.

5) Turn the crown clockwise once to make the time advance by one hour and similarly turn the crown counterclockwise to move the time back one by hour. Repeat this action till you reach the desired time. Remember, the local time can in one hour increments only with no adjustment for minutes.

6) Once you have the local time set, push the crown in two 'clicks' to the closed position next to the case. This completes setting the local time.