

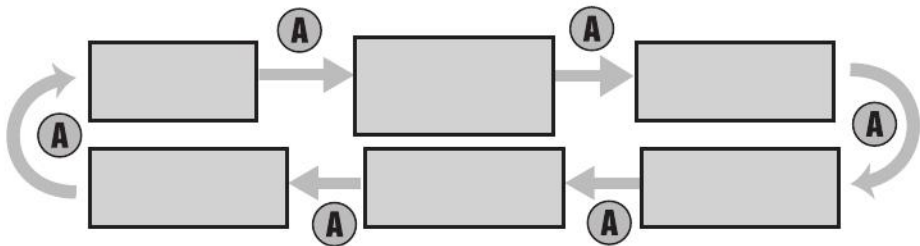
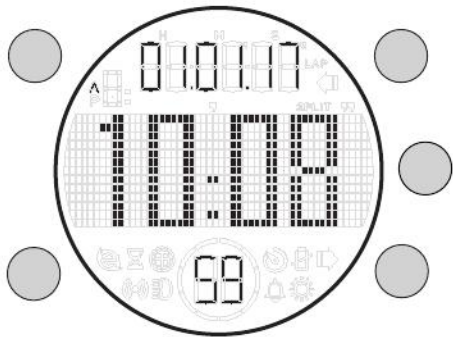
PULSAR

CAL. W866 DIGITAL QUARTZ

- Full-panel dot-matrix liquid crystal panel
- Time/calendar
- Stopwatch with data recall function
- Countdown timer
- 3-channel regular alarm
- World time
- Auto light function

ENGLISH

English



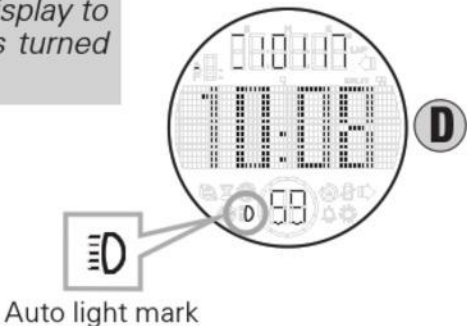
ILLUMINATING LIGHT

- D** Press to turn the backlight on.

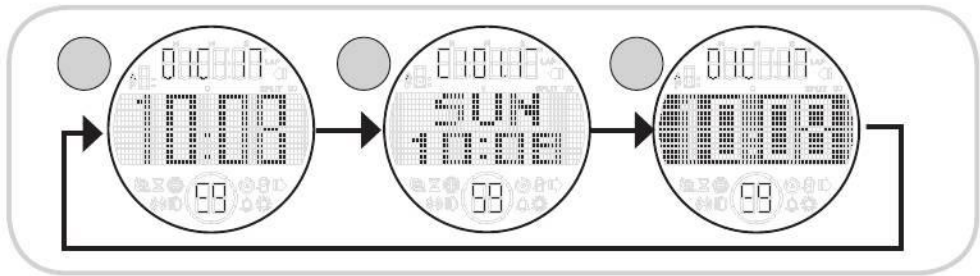
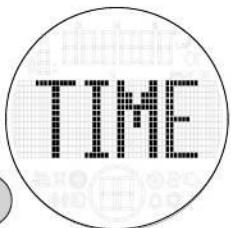
AUTO LIGHT FUNCTION

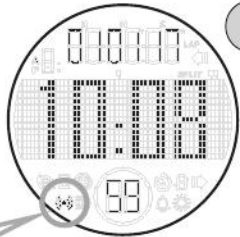
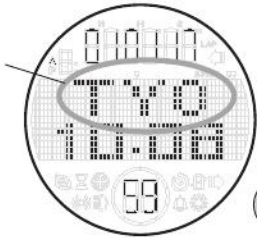
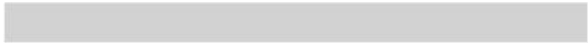
- The auto light function allows you to turn the illuminating light on by pressing any button.
- D** Keep holding down for 2 seconds to activate the auto light function.

The auto light mark appears on display to indicate the auto light function is turned on.



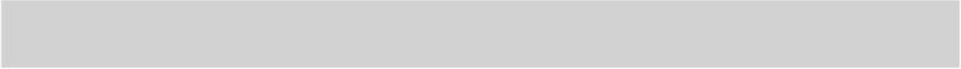
English

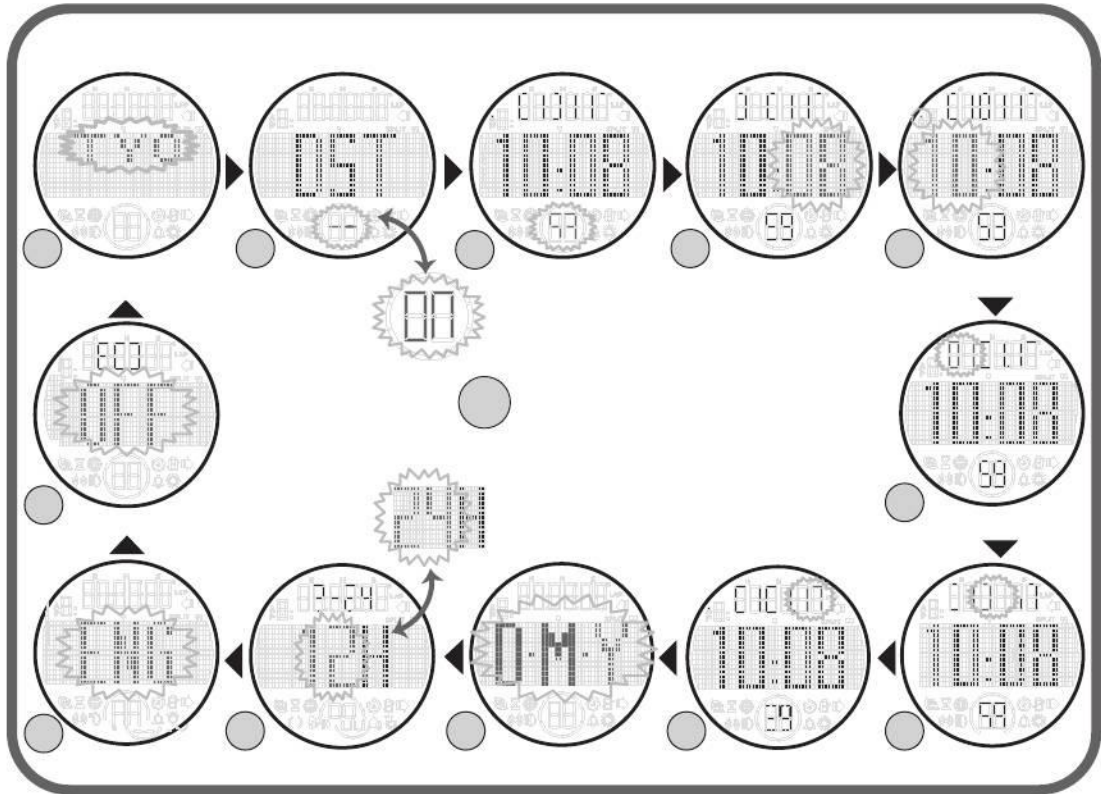





English

English





English

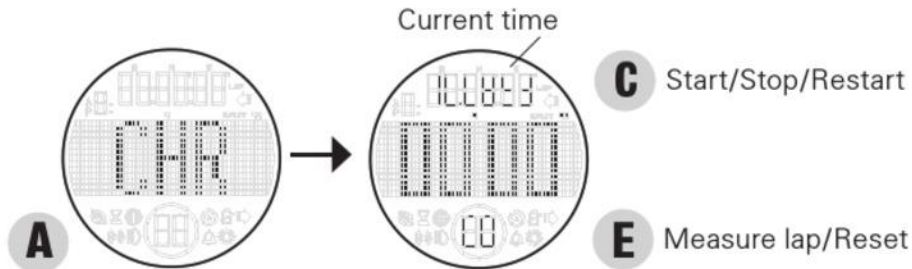


STOPWATCH MODE (CHRONO)

- The stopwatch measures up to 9 hours, 59 minutes and 59.99 seconds in 1/100 second increments.

A Press until the watch enters the STOPWATCH mode.

"CHR" is shown, and the watch shows the STOPWATCH display.



After 9 hours, 59 minutes and 59.99 seconds have been measured, the stopwatch will automatically stop and be reset and the measured data will be stored.

STOPWATCH OPERATION

When a new measurement is commenced, the lap time data obtained from the previous measurement will be automatically deleted.

C Press to start the stopwatch.

While the stopwatch is measuring, the stopwatch mark is flashing.

E Press to take a lap time.

LAP 1

LAP 2

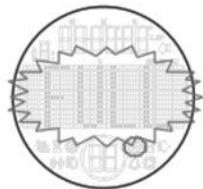
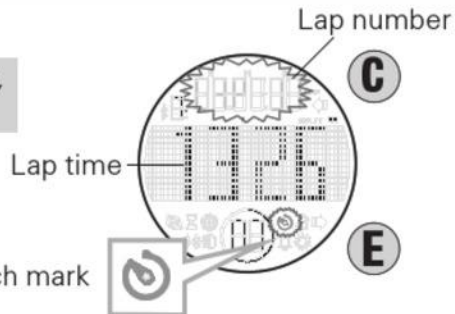
E

LAP 100

Up to 100 lap times can be taken. If the button E is pressed after 100 lap times are taken, "FULL" appears on the display and no more lap times will be recorded.

C Press to stop the stopwatch.

E Press to reset the stopwatch.

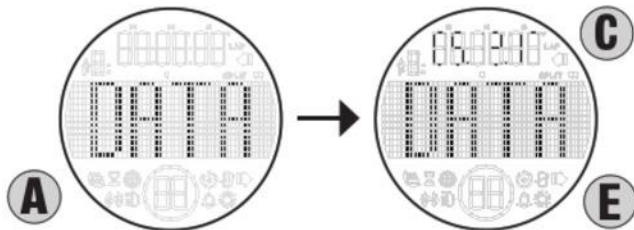


DATA RECALL MODE (DATA)

- The first 100 lap times are automatically stored in memory.

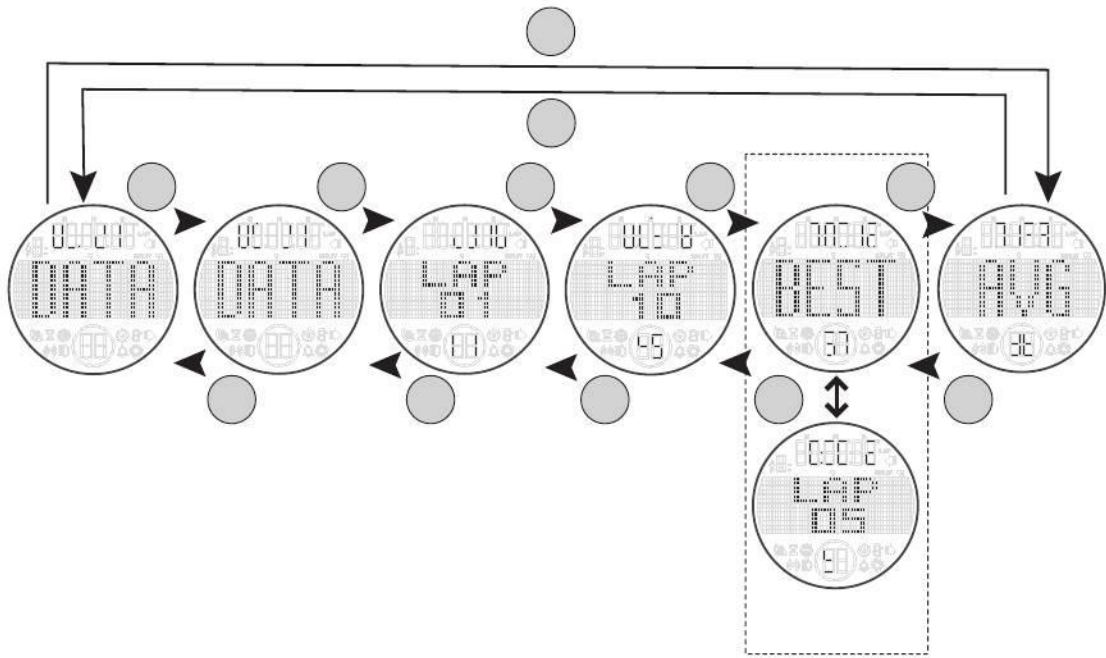
A Press until the watch enters the DATA RECALL mode.

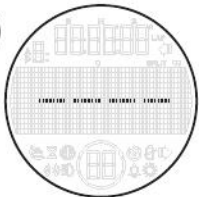
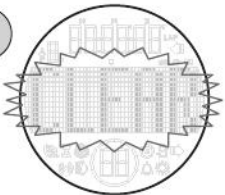
"DATA" is shown, and the watch enters the DATA RECALL display.



C or **E** Press to view the contents of the data in the order shown in the illustration on the next page.

English





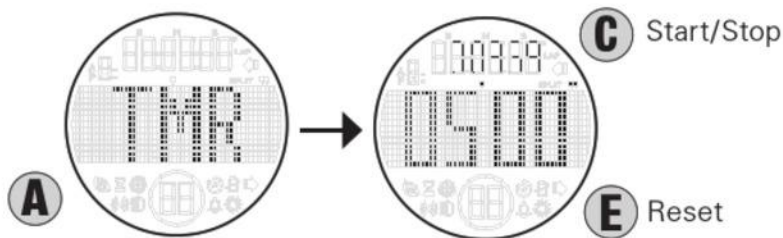
English

TIMER MODE

- The timer can be set from 10 seconds up to 9 hours 59 minutes 59 seconds in one-second increments.

- A** Press until the watch enters the TIMER mode.

"TMR" is shown, and the watch shows the TIMER display.



TIMER SETTING

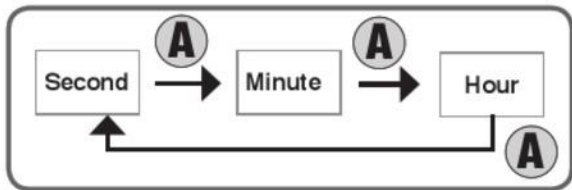
B Press for 2 seconds to show the TIMER SETTING display.
The second digits start flashing.

C Press to increase the digits (+) or move forward.

or *Keep holding down each button to fast-forward or rewind quickly.*

E Press to decrease the digits (-) or move backward.

A Press to select the item to be adjusted.



B Press to confirm the settings and return to the TIMER mode.

If the watch is left untouched in the TIMER SETTING display, it will automatically return to the TIMER mode in 2 to 3 minutes.

TIMER OPERATION

C Press to start the timer.

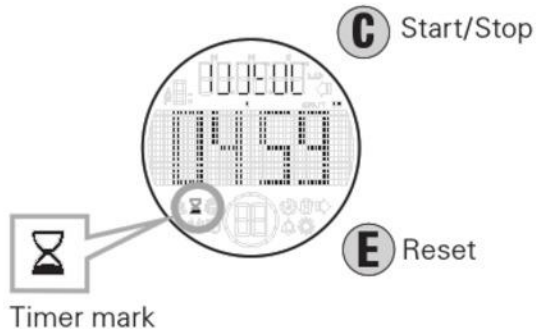


While the timer is counting, the timer mark appears.

C Press to stop the timer.



E Press to reset the timer.



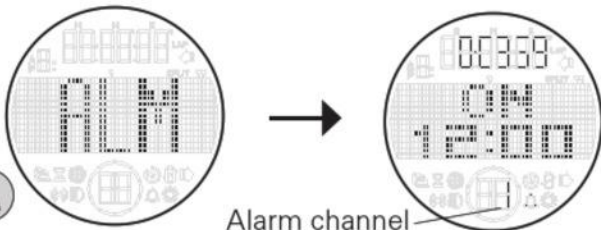
The warning sound starts to beep from 3 seconds before the set time is up. When the time is up, the timer beeps for 5 seconds. To stop the beep manually while sounding, press any of the buttons.

ALARM MODE

- The three-channel daily alarm sounds at a designated time every 24 hours. Each alarm channel can be engaged or disengaged independently.

A Press until the watch enters the ALARM mode.

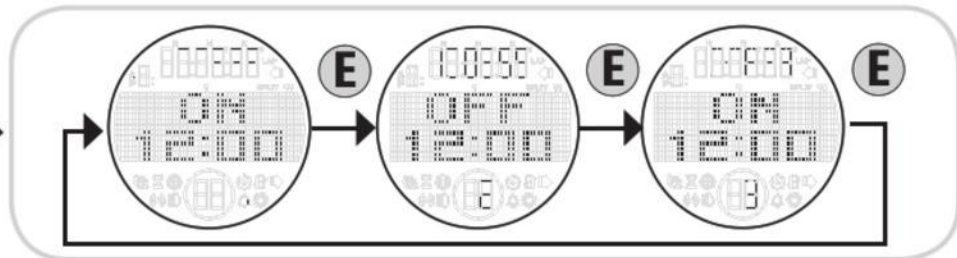
"ALM" is shown, and the watch shows the ALARM display.



A

Alarm channel

E Press to select an alarm channel.



ALARM TIME SETTING

B Press for 2 seconds to show the ALARM SETTING display.
The hour display starts flashing.

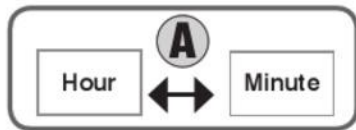
C Press to increase the digits (+) or move forward.

or

Keep holding down each button to fast-forward or rewind quickly.

E Press to decrease the digits (-) or move backward.

A Press to select the item to be adjusted.



B Press to confirm the settings and return to the ALARM mode.

"ON" and the alarm mark appear and the alarm is automatically engaged.

If the watch is left untouched in the ALARM SETTING display, it will automatically return to the ALARM mode in 2 to 3 minutes.

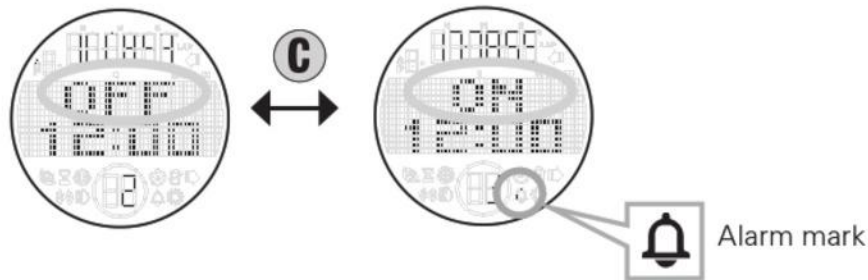
ALARM ENGAGEMENT/DISENGAGEMENT

E Press to select an alarm channel.



C With each press, the alarm is engaged and disengaged alternately.

When the alarm is engaged, the alarm mark appears on display.



ALARM SOUND PREVIEW

Each alarm has a different sound. To test the alarm sound, press the button C for 2 seconds or more.

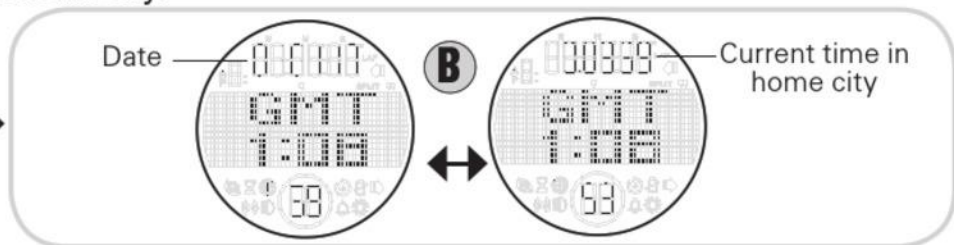
WORLD TIME MODE

- The time of 44 cities in different time zones throughout the world can be displayed.
- Daylight saving time can also be set (except for GMT).

A Press until the watch enters the WORLD TIME mode.



B Press to select a desired display either with date or with current time in home city.



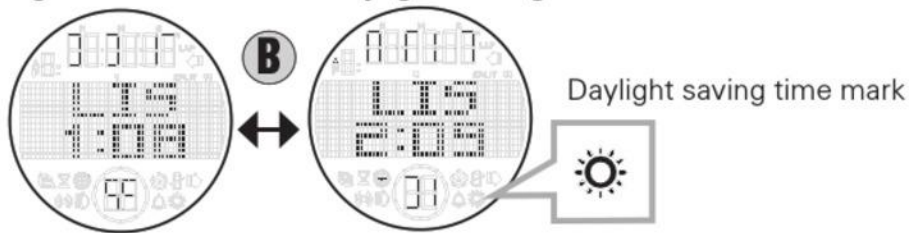
C Press to select the city in ascending order.

or *Keep holding down each button to show the animation of the names of the cities automatically.*

E Press to select the city in descending order.

DAYLIGHT SAVING TIME SETTING

B If the daylight saving time is effective in the selected city, keep holding down to show the daylight saving time.



- *When the daylight saving time is set, the daylight saving time mark appears on display.*
- *The daylight saving time cannot be set if GMT is selected.*
- *When the daylight saving time is set in the TIME mode, it is also set in the WORLD TIME mode.*

BATTERY CHANGE

2
Years

Battery life : Approx. 2 years

Battery : CR2025

- *The battery life may be less than 2 years if the alarm sounds more than once a day, the built-in illuminating light is turned on for 3 seconds 10 times a day and the stop-watch is used for more than 1 hour per day.*
- *As the battery is inserted at the factory to check the functions and performance of the watch, its actual life once in your possession may be less than the specified period.*
- *When the battery expires, be sure to replace it as soon as possible to prevent any malfunction.*
- *We recommend that you contact an AUTHORIZED PULSAR DEALER for battery replacement.*

- **Battery life indicator**

When the battery voltage becomes low, the battery mark starts flashing on the display. In such a case, have the battery replaced with a new one as soon as possible.

● Necessary procedure after battery change

After the battery is replaced with a new one or if an abnormal display (broken digits, etc.) appears, follow the procedure below to reset the IC.

Press and hold buttons A, B, C and E at the same time for more than 3 seconds. The display will show "TIME" for one second, and then automatically change to the display of "01.01.17 A 12:00 01".

- *Before using the watch, set the time/calendar and alarm.*



WARNING

- Do not remove the battery from the watch.
- If it is necessary to take out the battery, keep it out of the reach of children. If a child swallows it, consult a doctor immediately.
- Never short-circuit, tamper with or heat the battery, and never expose it to fire. The battery may burst, become very hot or catch fire.



CAUTION

- The battery is not rechargeable. Never attempt to recharge it, as this may cause battery leakage or damage to the battery.

TO PRESERVE THE QUALITY OF YOUR WATCH

WATER RESISTANCE

● Non-water resistant



If "WATER RESISTANT" is not inscribed on the case back, your watch is not water resistant, and care should be taken not to get it wet as water may damage the movement. If the watch becomes wet, we suggest that you have it checked by an AUTHORIZED PULSAR DEALER or SERVICE CENTER.

● Water resistance (3 bar)



If "WATER RESISTANT" is inscribed on the case back, your watch is designed and manufactured to withstand up to 3 bar, such as accidental contact with splashes of water or rain, but it is not designed for swimming or diving.

● Water resistance (5 bar)*



If "WATER RESISTANT 5 BAR" is inscribed on the case back, your watch is designed and manufactured to withstand up to 5 bar and is suitable for swimming, yachting and taking a shower.

● Water resistance (10 bar/15 bar/20 bar)*



If "WATER RESISTANT 10 BAR", "WATER RESISTANT 15 BAR" or "WATER RESISTANT 20 BAR" is inscribed on the case back, your watch is designed and manufactured to withstand up to 10 bar/15 bar/20 bar and is suitable for taking a bath, shallow diving, but not for scuba diving. We recommend that you wear a PULSAR Diver's watch for scuba diving.



English



