

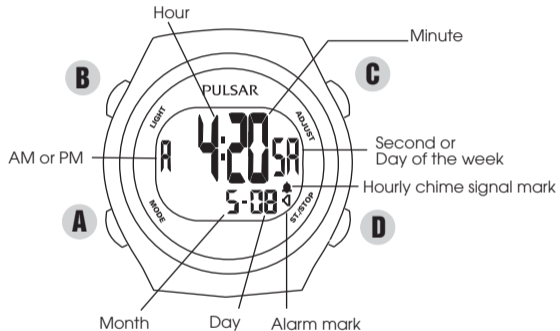
# PULSAR

## CAL. WM60 DIGITAL QUARTZ

- Time/calendar
- Dual time
- Alarm
- Countdown timer
- Stopwatch
- Pacer
- Illuminating light (Electroluminescent panel)

ENGLISH

## BUTTONS AND DISPLAYS



English

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## TIME/CALENDAR MODE

### TIME/CALENDAR SETTING

- C** Press and hold for 2 seconds to show the TIME/CALENDAR SETTING mode.
  - *The Day of the Week starts flashing.*
- D** Press to adjust the flashing digits.
- A** Press to move on to the next item.
- Setting sequence**  
Day of the Week ⇒ Minute ⇒ Hour ⇒ Date ⇒ Month ⇒ Year
- C** Press to confirm the settings and return to the TIME/CALENDAR mode.

English

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### NOTES

- ◆ *If the watch is left untouched in the TIME/CALENDAR SETTING mode for about 3 minutes, it will automatically exit the TIME/CALENDAR SETTING mode.*

### CHANGEOVER BETWEEN 12-/24- HOUR INDICATION DISPLAY

- D** With each press of button D, the time indication format in the TIME/CALENDAR display can be alternately selected between the 12-hour indication or the 24-hour indication.

### CHANGEOVER BETWEEN DAY OF THE WEEK AND SECOND DISPLAY

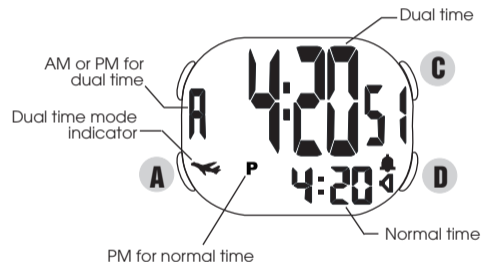
- B** With each press of button B, the Day of the Week or the Second is alternately displayed.

English

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### DUAL TIME MODE

- A** Press to enter the DUAL TIME mode. The dual time mode indicator will appear on the display.



English

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#### NOTES

- ◆ In the DUAL TIME mode, only the Second is displayed, and the Day of the Week cannot be selected.

## DUAL TIME SETTING

- C** Press and hold for 2 seconds to show the DUAL TIME SETTING mode.
- ▼ The Hour starts flashing.
- D** Press to change the hour to be adjusted.
- ▼
- C** Press to confirm the dual time setting and return to the TIME/ CALENDAR mode.

### NOTES

- ◆ If the watch is left untouched in the DUAL TIME SETTING mode for about 3 minutes, it will automatically exit the DUAL TIME SETTING mode.

## CHANGEOVER BETWEEN 12-/24- HOUR INDICATION DISPLAY

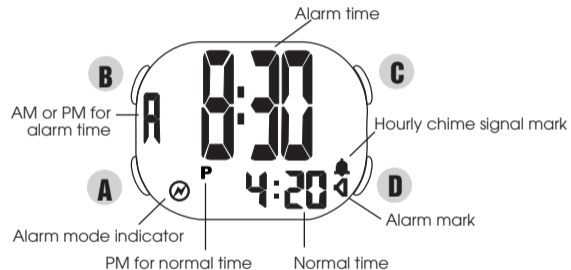
- D** With each press of button D, the time indication format in the DUAL TIME mode can be alternately selected between the 12-hour indication or the 24-hour indication.

English

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## ALARM MODE

- A** Press to enter the ALARM mode.  
The alarm mode indicator will appear on the display.



English

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**ALARM TIME SETTING**

- C** Press and hold for 2 seconds to show the ALARM SETTING mode.
- *The Minute starts flashing.*
- D** Press to select the minutes to be adjusted.
- ▼
- A** Press to set the minutes to be adjusted.
- *The Hour starts flashing.*
- ▼
- D** Press to change the hour to be adjusted.
- ▼
- C** Press to confirm the alarm setting and return to the ALARM mode.

**NOTES**

- ◆ *If the watch is left untouched in the ALARM mode, it will automatically return to the TIME/CALENDAR mode in 3 minutes.*

**ALARM ENGAGEMENT/DISENGAGEMENT**

- D** Each time you press in the ALARM mode, the alarm is alternately engaged and disengaged.
- *While the alarm is engaged, the alarm mark  will appear on the display.*

**HOW TO STOP THE ALARM WHILE SOUNDING**

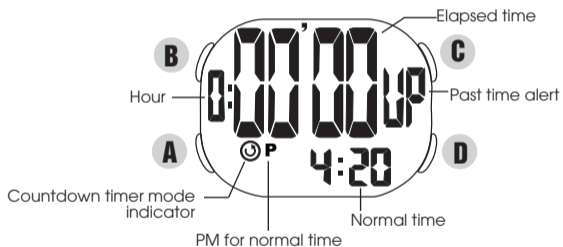
- D** Press to stop the alarm while sounding.

**HOW TO SET THE HOURLY CHIME SIGNAL**

- B** Press to activate the hourly chime signal in the ALARM mode. The hourly chime signal mark  will appear on the display.

## COUNTDOWN TIMER MODE

- A** Press to enter the TIMER mode.  
The countdown timer mode indicator will appear on the display.



### NOTES

- ◆ Except when the countdown timer is counting, if the watch is left untouched for about 3 minutes, it will automatically return to the TIME/CALENDAR mode.

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## TIMER SETTING

- C** Press and hold for 2 seconds to show the TIMER SETTING mode.  
• *The Minute starts flashing.*
- ▼
- D** Press to select the minutes to be adjusted.
- ▼
- A** Press to set the minutes to be adjusted.  
• *The Hour starts flashing.*
- ▼
- D** Press to change the hour to be adjusted.
- ▼
- C** Press to confirm the timer setting and return to the TIMER mode.

English

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## TIMER OPERATION

- D** Press to start counting down.
- ▼
- D** Press to stop counting down.
- ▼
- B** Press to reset the display to the starting value.

### NOTES

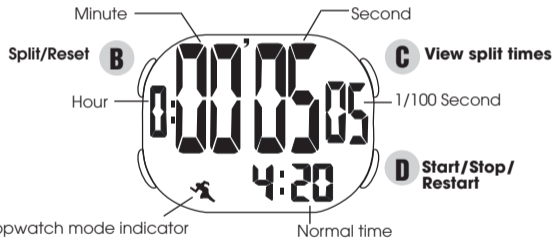
- ◆ When the timer finishes counting down, the alarm will sound. Unless you stop the timer by pressing the button **D**, the timer starts counting up. The elapsed time since the timer started counting up will be shown on the display. At the same time, "UP" appears on the display indicating that the time currently shown on the display is the elapsed time since the timer started counting up.

English

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## STOPWATCH MODE (CHRONO)

- A** Press to enter the STOPWATCH mode.  
The stopwatch mode indicator will appear on the display.
- ▼
- B** Press to reset the stopwatch to 00'00"00 before use.



### NOTES

- ◆ Except when the stopwatch is running, if the watch is left untouched for about 3 minutes, it will automatically return to the TIME/CALENDAR mode.

English

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## STOPWATCH OPERATION

### <Standard measurement >



### <Split time measurement >



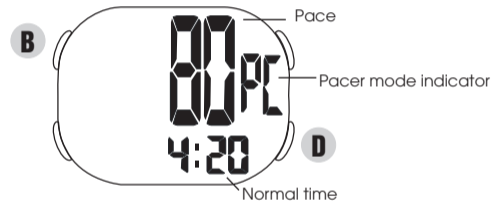
- Up to 4 split times can be measured.
- Press button B to view the split time displayed under SP 1 to SP4 heading. To return to ongoing measuring display, press button B again.

- C** After finishing the measurement, press button C to view the split time(s) taken.
- B** To view the total elapsed time, press button B. To reset the stopwatch, press button B once again.

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## PACER MODE

- A** Press to enter the PACER mode. The pacer mode indicator will appear on the display.



### NOTES

- ◆ Except when the pacer is working, if the watch is left untouched for about 3 minutes, it will automatically return to the TIME/CALENDAR mode.
- ◆ The PACER mode is excellent to use as a metronome or to keep a good walking/running pace.

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## PACER OPERATION

- B** Press to change the digits to the right pace for you.
- ▼
- D** Press to start the pacer.
- ▼
- D** Press again to stop the pacer.

## ILLUMINATING LIGHT (ELECTROLUMINESCENT PANEL)

- B** Press to turn the Electroluminescent backlight on for about 3 seconds.



## BATTERY CHANGE

**2**  
**Years**

**Battery life : Approx. 2 years**

**Battery : CR2025**

- *As the battery is inserted at the factory to check the function 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.*

English

English


**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.

\* Before using the water resistance 5, 10, 15 or 20 bar watch in water, be sure the crown is pushed in completely.

Do not operate the crown when the watch is wet or in water. If used in sea water, rinse the watch in fresh water and dry it completely.

\* When taking a shower with the water resistance 5 bar watch, or taking a bath with the water resistance 10, 15 or 20 bar watch, be sure to observe the following:

- Do not operate the crown when the watch is wet with soapy water or shampoo.
- If the watch is left in warm water, a slight time loss or gain may be caused. This condition, however, will be corrected when the watch returns to normal temperature.

#### NOTE:

Pressure in bar is a test pressure and should not be considered as corresponding to actual diving depth since swimming movement tends to increase the pressure at a given depth. Care should also be taken on diving into water.

#### MAGNETISM



Your watch will not be affected by magnetism.

#### CARE OF CASE AND BRACELET



To prevent possible rusting of the case and bracelet caused by dust, moisture and perspiration, wipe them periodically with a soft dry cloth.

#### TEMPERATURES



Operational temperature range: Between -5° C (+23° F) and 50° C (122° F)



Display temperature range: Between 0° C (+32° F) and 40° C (+104° F)



Functional temperature range of alarm and LED light: Between 5° C (+41° F) and 50° C (+122° F)

#### SHOCKS & VIBRATION



Light activities will not affect your watch, but be careful not to drop your watch or hit it against hard surfaces, as this may cause damage.

#### CHEMICALS



Be careful not to expose the watch to solvents, mercury, cosmetic spray, detergents, adhesives or paints. Otherwise, the case, bracelet, etc. may become discolored, deteriorated or damaged.

## PERIODIC CHECK



It is recommended that the watch be checked once every 2 to 3 years. Have your watch checked by an AUTHORIZED PULSAR DEALER or SERVICE CENTER to ensure that the case, buttons, gasket and crystal seal remain intact.

## PRECAUTION REGARDING CASE BACK PROTECTIVE FILM



If your watch has a protective film and/or a sticker on the case back, be sure to peel them off before using your watch.

## STATIC ELECTRICITY



The IC (Integrated Circuit) used in your watch will be affected by static electricity which may disturb the display. Keep the watch away from close contact with objects such as TV screens which emit strong static electricity.