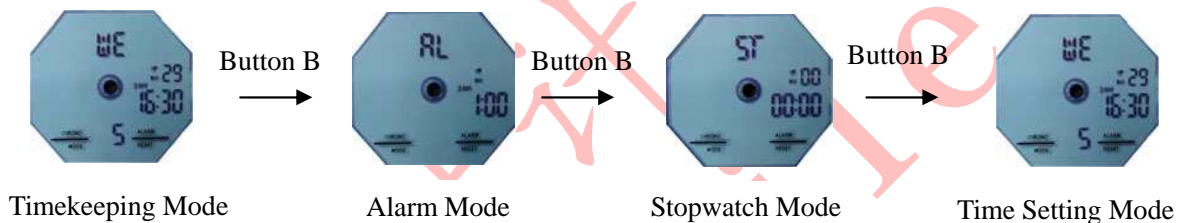




A . Features

- 10 digits to display hour, minute, second, date, month, the day of week.
- 12 hour / 24 hour format selectable.
- Daily Alarm and Hourly Time Signal.
- Stopwatch.
- EL backlight.

B . Product Function Modes



1. In any mode, EL backlight illuminates for 3 seconds by pressing A

2. Time function

- In the Timekeeping Mode, press D to toggle the time format between 12-hour and 24-hour. It is 24-hour format if indicator of '24H' appears on the screen.

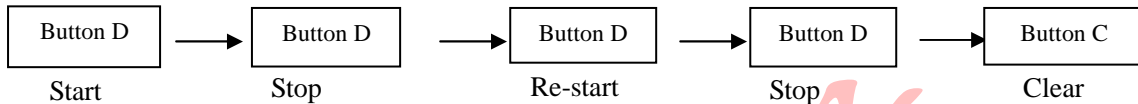
3. Alarm

- In the Alarm Mode, press D button to turn on / off Alarm and Hourly Time Signal. Following indicators display on the screen when Alarm or Hourly Time Signal is turned on: Alarm indicator (), Hourly Time Singal (), or both of them () display on the screen if they are turned on at the same time
- If alarm is turned on, once the preset time is reached, the alarm tone sounds for 20 seconds with alarm indicator () flashes. To stop alarm tone after it starts to sound, please press B, C, or D button.
- You can also turn on an Hourly Time Signal that causes the watch to beep every hour on the hour.
- Alarm setting: In the Alarm Mode, press C button until 'hour' digits start to flash, which indicates alarm time setting screen, then press D button to adjust hour values, hold down D button for some time to quickly adjust it. Press C button again 'minute' digits start to flash, then you also need to press D button to adjust minute values, and hold down D button for some time to quickly adjust minute values. After this, please press C button to exit alarm time setting screen.
- In setting mode, the watch will automatically exit from setting screen if you do not perform any button within 90 minutes.

4. Stopwatch

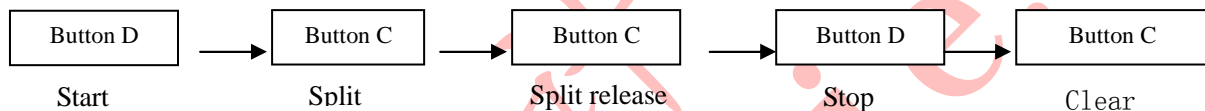
- The display range of the stopwatch is 59 minutes, 59.99 seconds.
- To measure times with stopwatch: In the Stopwatch Mode, you can press D button to start counting, and press D button again to stop counting. Press C button to reset when stopwatch stops counting.

Elapsed Time

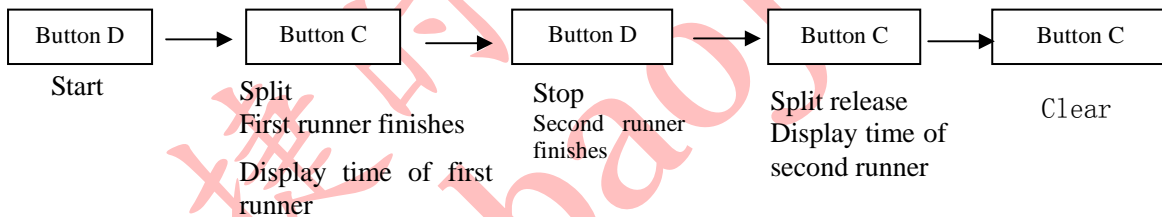


- To measure with split time: In the Stopwatch Mode, press D button to start counting, and press C button to enter split time. then press C button again to exit split time In the process of splitting time, you can press D button to stop counting. At this time, press C button to display the all times of stopwatch, and press C once again to reset.

Split Time



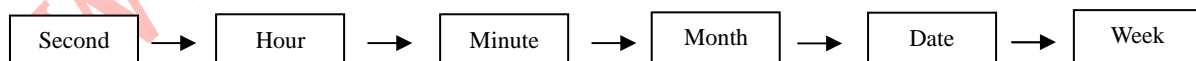
Two Finishes



- The stopwatch continues to run, restarting from zero after it reaches its limit, until you stop it.
- Press B button to display other function modes when stopwatch is running. However, stopwatch continues running at the backstage.

5. Time setting

- In the Time Setting Mode, 'second' digits flashes that means time setting screen, press C button to move the flashing in the sequence shown below to select other settings:



- When the setting item is flashing, press D button to adjust it, hold down D button to quickly adjust it.
- Resetting the seconds to 00 while the current count is in the range of 30 to 59 causes the minutes to be increased by 1. In the range of 00 to 29, the seconds are reset to 00 without changing the minutes.
- In setting mode, the watch will automatically exit from setting screen if you do not perform any button within 90 minutes.

C. Specifications

- Module dimension : $\Phi 33.3\text{mm}$
- Module thickness (including buzzer) : 8.80mm
- Working temperature range : $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Working voltage : 3.0V
- Time accuracy : ± 30 sec/month
- Battery code and capacity : CR2016 (Capacity: 90m Ah)
- Static average current : $\leq 1.96\mu\text{A}$ (Static maximum current: 3.5 μA)
- Alarm average current : $\leq 1.06\text{m A}$ (Alarm maximum current: 6.0m A)
- Average current of EL backlight : $\leq 8.21\text{m A}$ (Maximum current of EL backlight: 10m A)
- Battery life (90%) : 24 months (Japan Lithium)

According these standards to calculate battery life: EL backlight illuminates 4 times (12 seconds) per day. Alarm tone sounds once (60 seconds) per day.

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