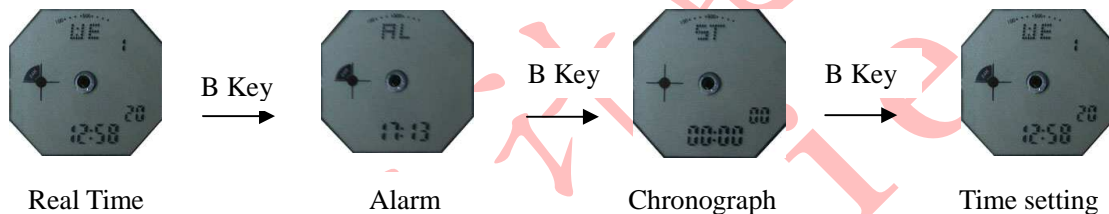






## A . Features

- 10 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,Day and Week
- Daily Alarm and Chime hourly
- 12 / 24H format selectable
- 1/100 second Chronograph with split functions
- EL backlight

## B . Operational Manual



1. At any state ,press A key EL backlight for 3s .( EL backlight can be turned off by pressing B,C,or D key when it's illuminative.)
2. Real Time
  - In Time Mode , press D key to toggle between .12HR and 24HR display format.
3. Daily Alarm
  - Turn On / Off Alarm and Chime  
Press D key to turn on/off Alarm ( “  ” ) or Chime ( “  ” )
  - The alarm tone sounds at the preset time for about 20 seconds .Pressing any button stops the alarm tone operation .
  - Alarm setting : Press C key to select "Hour " or "Minute "setting, Press D key to adjust the flashing item, Press C key to confirm, Press B key to return to Real Time mode.
4. Chronograph
  - The display range of the Chronograph is 23hour,59 minutes,59.99seconds
  - Press D key to Start/Stop running ;
  - When stop ,press C key to zero .
  - When running ,press C key to split count. indicator "SP" showing
  - Then press D key to exit split count ,and stop counting ; press C key again to zero ;
  - When running ,press B key to return to Real Time Mode ,and it running at back .
5. Time Setting
  - "Second " flashing when loading ,press D key to zero ; Press C key to select item as following sequence :  
Hour → Minute → Month → Day → Day of Week → Second

- Press D key to adjust the flashing item.
- Press D key while the seconds are in the range of 30 to 59 resets them to 00 and adds 1 to the minutes .  
In the range of 00 to 29, the minutes are unchanged.

## C. Specifications

- Module Size :  $\Phi 33.4\text{mm}$
- Module Thickness (include buzzer) : 9.95mm
- Operational Temperature Range :  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Operational Voltage : 3.0V
- Accuracy :  $\pm 90\text{sec/month}$
- Battery Code : CR2025(capacitance: 170m Ah)
- static average current :  $\leq 1.43\mu\text{A}$  (static maximum current : 3.5uA)
- Alarm average current :  $\leq 1.09\text{mA}$  (Alarm maximum current : 6.0mA)
- EL lighten average current :  $\leq 7.69\text{mA}$  (EL lighten maximum current : 10mA)
- Battery life (90%) :  $\geq 24$  month (Japan Lithium)

(Battery life calculate according to EL lighten four time each day for 3 second each time , alarm for 60 seconds each day)

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