



## A . Features

- 13 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,Day and Week
- Daily Alarm and Chime hourly
- 12 / 24H format selectable, Auto Calendar
- 1/100 second Chronograph with split functions
- Timer
- Dual Time
- key tone
- EL backlight

## B . Operational Manual



1. At any state ,press A key EL backlight for 3s .

### 2. Real Time

- Time Setting
  - a). Press and hold C key for 2s to time setting state and "Second" flashing, press D key to zero; Press B key to select item as following sequence :  
Second → Minute → Hour → 12/24H format → Month → Day → Week
  - b). Press D key to adjust the flashing item,
  - c). Press C key to return to Real Time Mode.
  - d). 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 59 resets them to 00 and adds to the minutes. In the range of 00 to 29,the minutes are unchanged.

### 3. Daily Alarm

- Turn On / Off Alarm and Chime  
Press D key to turn on/off Alarm ( AM ))) ) or Chime ( 🔔 ).
- Alarm setting  
Press and hold C key for 2s to select "Hour" setting ; Press B key to select "Minute" setting; Press D key to adjust the flashing item.
- There will be 20s alert when alarm time is over.

## 4. Chronograph

- The display range of the Chronograph is 23 hours ,59 minutes ,59.99 seconds.
- Press D key to Start/Stop running ;
- When stop ,press C key to zero .
- When running ,press C key to split Counting. Then press D key to exit split count ,and stop counting ; When exit split count ,press C key to zero.
- When running ,press B key to return to Real Time mode ,and it running at back .

## 5. Timer mode

- The display range of the timer is 23hour 59minute 59 second.
- Timer alarm sounds for about 10 seconds when counting down to 0:00:00.,The timer is automatically reset to its starting value after the alarm stops.
- Timer Time setting  
Press and hold C key for 2s to time setting state and "Hour" flashing , Press B key to select "Hour" or "Minute" setting ,Press D key to adjust the flashing item, Press C key to complete setting.
- Timer operation  
Press D key to Start/Stop counting ; Press C key to starting value when stop counting.

## 6. Dual Time

- Dual Time setting  
In the Dual Time mode ,Press and hold C key for 2s to select "Minute" setting, Press B key to select "Hour" setting, Press D key to adjust the flashing item, Press C key again to finish setting ,and return to Dual Time displaying mode .

## C. Specifications

- Module Size : 31\*25.7mm
- Module Thickness (include buzzer) : 7.9mm
- Operational Temperature Range : -10℃~60℃
- Operational Voltage : 3.0V
- Accuracy : ±30sec/month
- Battery Code : CR2025(capacitance:170m Ah)
- static average current : ≤1.73u A (static maximum current : 3.5uA)
- Alarm average current : ≤2.07m A (Alarm maximum current : 7.0mA)
- EL lighten average current : ≤7.81m A (ELlighten maximum current : 10.0mA)
- Battery life : ≥24 month(Japan Lithium)

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

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