

LIGHT (A Key) ——— (D Key) START

MODE (B Key) ——— (C Key) RESET



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 : $\Phi 36.2\text{mm}$
- Module Thickness (include buzzer) : 9.6mm
- 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 : $\leq 2.13\mu\text{A}$ (static maximum current : 3.5uA)
- Alarm average current : $\leq 1.08\text{mA}$ (Alarm maximum current : 6.0mA)
- EL lighten average current : $\leq 5.85\text{mA}$ (EL lighten maximum current : 10mA)
- Battery life (90%) : ≥ 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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