

LIGHT (A Key) ——— (D Key) START

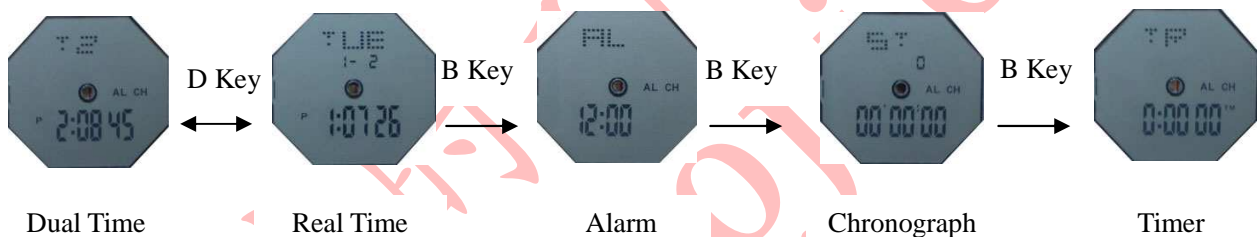
MODE (B Key) ——— (C Key) RESET



A . Features

- 13 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
- Timer
- Dual Time
- key tone
- EL backlight

B . Operational Manual



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

1. 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 → Year
 - a). Press D key to adjust the flashing item,
 - b) .The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.
 - 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 29,the minutes are unchanged.

2. Daily Alarm

- Turn On / Off Alarm and Chime
Press D key to turn on/off Alarm (AL) or Chime (CH) .
- 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.

3. Chronograph

- 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 .

4. 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 .

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.

C. Specifications

- Module Size : $\Phi 36.2\text{mm}$
- Module Thickness (include buzzer): 9.60mm
- 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 : $\leq 2.15\mu\text{A}$ (static maximum current : 5.5uA)
- Alarm average current : $\leq 1.04\text{mA}$ (Alarm maximum current : 6.0mA)
- EL lighten average current : $\leq 10.86\text{mA}$ (ELlighten maximum current : 12.0mA)
- Battery life : $\geq 24\text{ month}$ (Japan Lithium)

Under the following conditions:(4 backlight operation (3 seconds) perday; 60 seconds of alarm operation per day)

	Prepared	Checked	Approved
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