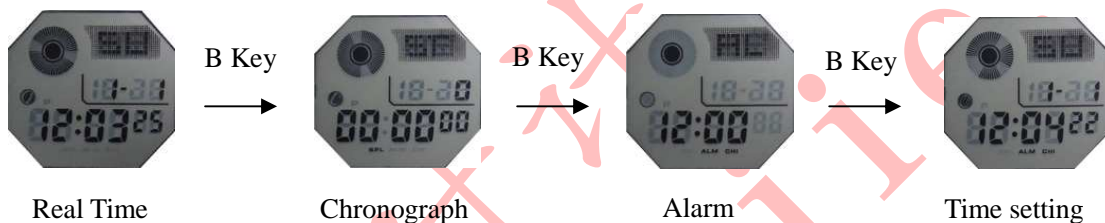




## A . Features

- 12 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,Day and Week
- Daily Alarm and Chime hourly
- Snooze
- 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 .

### 2. Chronograph

- 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 .

### 3. Daily Alarm

- Turn On / Off Alarm and Chime  
Press D key to turn on/off Alarm ( ALM ) or Chime ( CHI )
- 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.
- Alarm Snooze ON/OFF

At Alarm sounding state ,press C key or D key to stop sounding ,and press B key to ON/OFF snooze function .When Snooze function be ON ,it will sound five minutes later ,and auto stop after sounding for 20 Second.

### 4. 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
- When setting "Hour " , "H" display for 2 4 H format ; "A " or "P " for 1 2 H format .
- 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 :  $\Phi 33.20\text{mm}$
- Module Thickness (include buzzer) :  $8.70\text{mm}$
- Operational Temperature Range :  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Operational Voltage :  $3.0\text{V}$
- Accuracy :  $\pm 45\text{sec/month}$
- Battery Code : CR2032(capacitance: 220m Ah)
- static average current :  $\leq 1.36\mu\text{A}$  (static maximum current :  $3.5\mu\text{A}$ )
- Alarm average current :  $\leq 0.93\text{mA}$  (Alarm maximum current :  $3.5\text{mA}$ )
- EL lighten average current :  $\leq 7.03\text{mA}$  (ELlighten maximum current :  $10.0\text{mA}$ )
- Battery life (85%) :  $\geq 48\text{month}$  (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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Date	16/12/29	16/12/29	16/12/29