

LIGHT (A Key) ———

MODE (B Key) ———



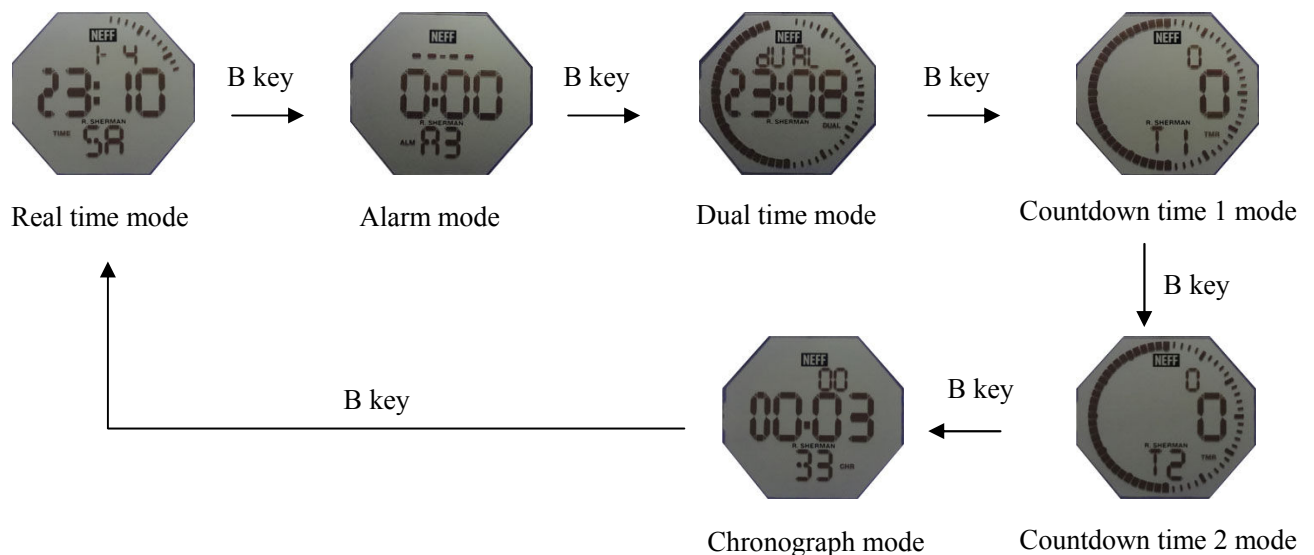
———— (D Key) START

———— (C Key) RESET

A . REAL TIME


- Hour ,minute, second, year (2000~2049), month, day, week(auto adjust).
- Selectable 12/24Hformat.
- Chime every hour
- Dual time; only “Hour” be adjusted. Minute and second are synchronized with the real time.
- Schedule alarm; 5independent schedule alarms with adjustable Hour, minute, month, and day; distinctive alert signal for each alarm.
- Countdown timer; Two countdown timers with 16 preset time duration ranging from 0~120 minutes; linked operation.
- Chronograph: count up to H23,59’59.99” with 0.01 second resolution; memories for 10 (L0~L9)LAP TIME.
- EL backbright.
- 3V battery operation.

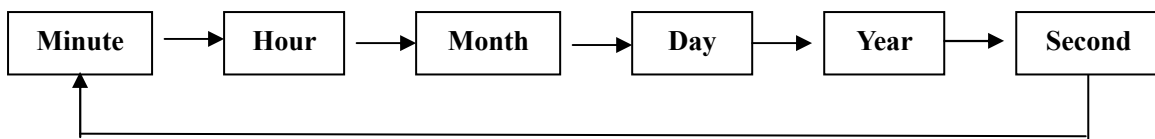
B . FUNCTION FLOWCHART



1. At any mode, press A key EL bright for 3 seconds.
2. At any mode setting, press C key to activate auto advance function.


3. Real Time

- Time display: e.g. It is at Pm 12:16:58 on 1 st, Jan, Mon.
- Chime on every hour: press D key to turn ON/OFF CHIME, indicator “” display.
- Selectable 12/24H format: press C key to select 12/24H format; signal “PM” for 12H format.
- Select SECOND display method: press C+D key to select Full second display or single second display.
- **Time setting:**
- Press B key for 3 seconds, and “second” flashing, press D key to zero;
- Press C key to select the item in turn as following:



- Press D key to adjust the flashing item.
- Press B key to return to Real Time mode.

4. Alarm

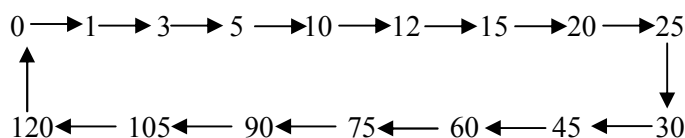
- Press D key to select A1、A2、A3、A4、A5;
- Press C key to turn ON/OFF Alarm, indicator “” display.
- Alarm setting: Press B 2 seconds to entry setting mode and “minute” flashing;
- Press C key to select “hour”, “month”, “day” and “minute” setting;
- Press D key to adjust the flashing item;
- Press B key to return to Real Time mode.

5. Dual time

- Press D key to increase the hour, and C key to decrease.

6. Countdown Timer

- Press C key to select the time duration in minutes with the following sequence:



- Press D key to Start/Stop counting;
- Upon to zero, it will stop automatically and alert signal sounds for 10 seconds.
- Linked operation
- Set time duration in both timers, and start Timer 1 .Timer 2 will start counting after Timer 1 timeout. The loop will be repeated endlessly until user stops the timer.

7. Chronograph

- Press D key to start /stop counting;
- When stop , press C+D key to zero, and the LAP deleted;
- When running, press C key to LAP time LAP time display stablely;
- Press C key repeatly to record LAP time from L0 to L9;
- New LAP time will replace the last LAP time if reaches L9;
- When stop, press C key to look over LAP time; Press D key to return;
- When running , press B key to Real Time mode , and it running at back.

C. Specifications

- Module Size : $\Phi 36.20\text{mm}$
- Module Thickness (include buzzer) : 7.70mm
- Operational Temperature Range : $-10^{\circ}\text{C}\sim 60^{\circ}\text{C}$
- Operational Voltage : 3.0V
- Accuracy : $\pm 30\text{sec/month}$
- Battery Code : CR2025(capacitance: 170m Ah)
- static average current : $\leq 2.75\mu\text{A}$ (static maximum current : 4.5uA)
- Alarm average current : $\leq 5.93\text{mA}$ (Alarm maximum current : 7.5mA)
- EL lighten average current : $\leq 8.66\text{mA}$ (ELlighten maximum current : 10.0mA)
- Battery life (85%) : $\geq 24\text{ month}$ (Japan Lithium)

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

	制 作	审 核	批 准
签 名	冯碧颜	徐治中	刘成恒
日 期	15/05/06	15/05/14	15/05/14