LIGHT (A Key) ———— ———— (D Key) START
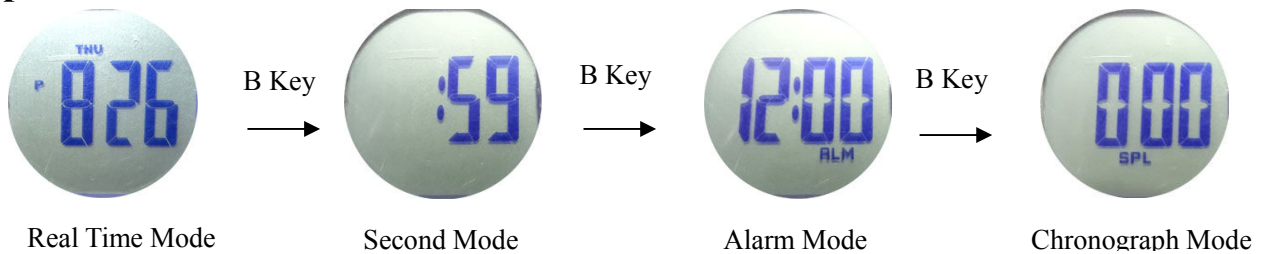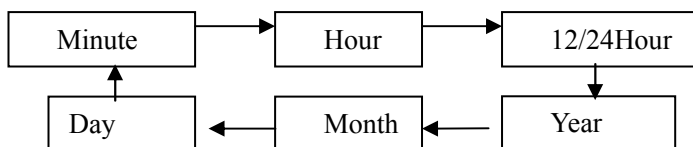
MODE (B Key) ———— ———— (C Key) RESET

A . Features

- 4 Digits LCD Display，Display Hour ,Minute ,Second ,Year(2000 年~2099 年)、Month ,Day and Week
- Daily Alarm and Chime hourly
- 12 / 24H format selectable，Auto Calendar
- 1/100 second Chronograph with split functions
- At any state ,press A key EL for 3s .
- Key tone

B . Operational Manual

Real Time Mode → B Key → Second Mode → B Key → Alarm Mode → B Key → Chronograph Mode

1. Real Time

- Use the Real Time Mode to set and view the current time and date.
- In the Real Time Mode. Press D key to view the current date, Release D key will return the Real Time Mode
- To set the time and date:

  a). In the Real Time Mode. Press C key until the minutes start to flash, which indicates the setting screen.

  b). Press B key to move the flashing in the sequence shown below to select other settings shown.

Minute → Hour → 12/24Hour → Year → Month → Day → (back to Minute)

c). When the setting you want to change is flashing, press D key to change it as described below.

change this setting	Perform this button operation
Minutes, Hour, Year, Month, Day	Press D key to increase the setting
12/24Hour	Press D key to change he 12-hour format or 24-hour format

d). The day of the week is automatically displayed in accordance with the date (year, month, and day) settings.

e). With the 12-hour format, the P (PM) indicator appears to the left of the hour digits for times in the range of noon to 11:59 p.m. and no indicator appears to the left of the hour digits for times in the range of midnight to 11:59 a.m.

f). With the 24-hour format, times are displayed in the range of 0:00 to 23:59, the P (PM) indicator not appears to the left of the hour digits for times, The 24H indicator appears to the under of the hour digits for

times.

g).The 12-hour/24-hour timekeeping format you select in the Real Time Mode is applied in all other modes.

2. Second Display Mode
- Use the Second Mode to view the current second of the Real Time Mode .

3. Daily Alarm
- Set the hour and minutes for the alarm time. The alarm sound will be active everyday by enable alarm function.
- Alarm Operation: The alarm tone sounds at the preset time for about 30 seconds. Pressing any button stops the alarm tone operation.
- Turn On / Off Alarm and Chime

  Press D key to turn on/off Alarm (" ((●)) ") or Chime

  The indicator (" ((●)) ") is shown the Alarm Signal on. All the day of the week is displayed In the Alarm screen is shown the Chime on.
- Alarm setting : In the Alarm Mode, press C key until the minute setting of the alarm time starts to flash, Press B key to select "Hour " or "Minute "setting, Press D key to adjust the flashing item, Press C key to confirm.

4. Chronograph
- The Chronograph lets you count elapsed time, split times, and two finishes.
- The display range of the Chronograph is 29 minutes, 59seconds, and 1/100 second..
- "SPL" is displayed in the stopwatch mode at split time. When the stopwatch is counting, the" SPL" is flashing. When the stopwatch stop, the" SPL" is always on.
- The stopwatch will be count to max. values and restart from zero until you stop it.
- Press B key to change different mode, it will clears the split time.

To measure times with the stopwatch

Elapsed time

D key → D key → D key → D key → C key
Start   Stop   Re-start   Stop   Clear

Spilt time

D key → C key → C key → D key → C key
Start   Split   Split release   Stop   Clear
         ("SPL" Flashing)

Two Finishes

D key → C key → D key → C key → C key
Start   Split   Stop   Split release   Clear
         First runner   Second runner   Display time of
         Finishes.   finishes.   Second runner.
         Display time of
         First runner.

C. Specifications

- ➤ Module Size   ： Φ27.20mm
- ➤ Module Thickness（include buzzer） ： 8.6mm
- ➤ Operational Temperature Range   ： -10℃~60℃
- ➤ Operational Voltage   ： 3.0V
- ➤ Accuracy   ： ±60sec/month
- ➤ Battery Code   ： CR2025(capacitance: 170m Ah)
- ➤ static average current   ： ≤1.25u A   (static maximum current：3.5uA)
- ➤ Alarm average current   ： ≤1.12m A   （Alarm maximum current：6.0mA）
- ➤ EL lighten average current   ： ≤9.11m A   （ELlighten maximum current：11mA）
- ➤ Battery life (85%)   ： ≥48 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）

	Prepared	Checked	Approve
Name	冯碧颜	赵星亮	刘成恒
Date	15/03/16	15/03/16	15/03/16