

LIGHT/SET ( A Key ) ———



———— ( D Key ) START

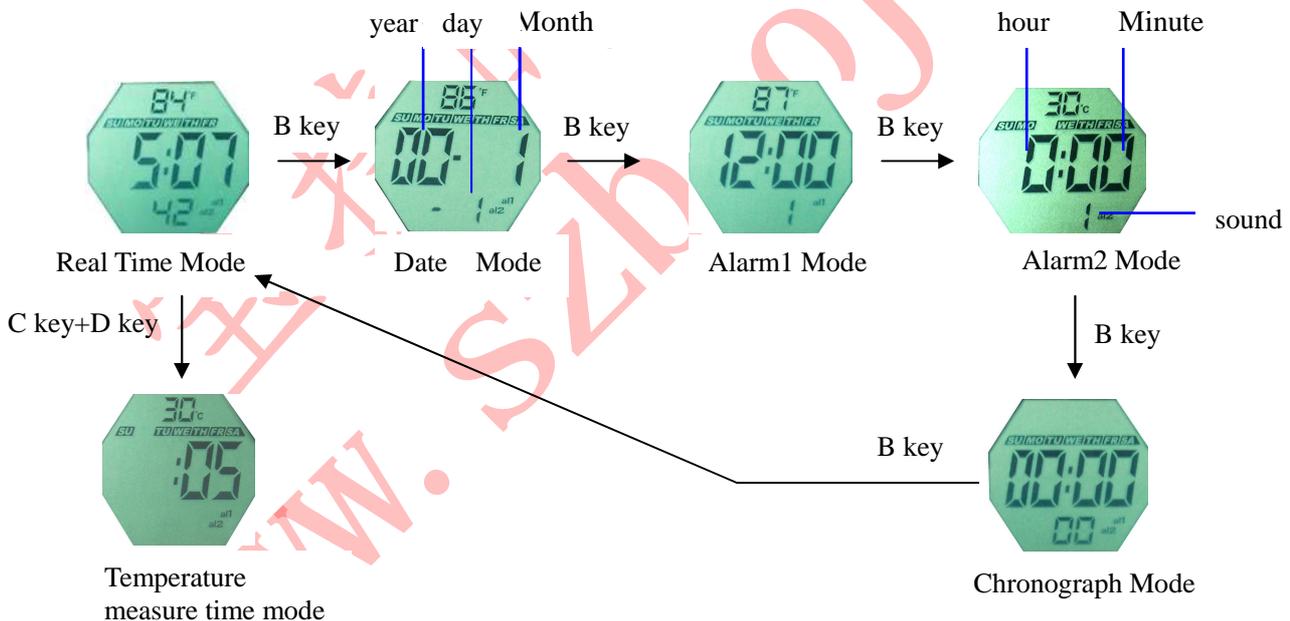
MODE ( B Key ) ———

———— ( C Key ) RESET

## A . Features

- 9 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,year(2000~2099),Day , temperature and Week.
- Alarm:2 groups of alarm music with 8 sounds.
- Temperature measure: select 5 seconds ,10seconds, 30 seconds, 60 seconds.
- Temperature change: change temperature between °C and °F and measure range:-10°C~60°C(or14°F ~140°F)。
- 12 / 24H format selectable, Auto Calendar.
- 1/100 second Chronograph with 20-laps chronograph.
- Key tone
- EL backlight

## B . Operational Manual



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

### 2. Real Time

- In real time mode, press C key to change temperature between °C and °F.
- In real time mode ,press D key to toggle between 12-hour timekeeping or 24-hour timekeeping.

- Time setting: In real time mode, Hold down A key until the hour start to flash, which indicates the setting screen, Use A key to move the flashing in the sequence shown below to select other settings.:

hour → minute → seconds → exit

When the setting you want to change is flashing, Press C key (-) or D(+) key to change it as described below.

### 3. Date Mode

- Date Setting: In Date Mode, Hold down A key until the year start to flash, which indicates the setting screen, Use A key to move the flashing in the sequence shown below to select other settings.:

year → month → day → exit

- When the setting you want to change is flashing, Press C key (-) or D(+) key to change it as described below.
- The day of the week is automatically displayed in accordance with the date (year, month, and day) setting.

### 4. Alarm mode

- There are two alarm screens numbered "a1" through "a2".
- In alarm 1 mode, Press C key or D key to turn on / off Alarm ,indicator " - - : - - " displaying for Off .
- Alarm time setting: In the Alarm Mode, use A key to scroll through the alarm screens until the one whose time you want to set is displayed.  
hour → minute → sounds → exit
- While a setting is flashing, use C key (-) or D key (+) to change it, can select 1~8 sounds.
- The alarm sounds at the preset time for about 60 seconds. Alarm indicator "a1" is flash.
- Alarm 1 of operation method is same alarm 2 of operation method.

### 5. Chronograph Mode

- When it at Chronograph process ,it will auto ranging to Hour ,Minute ,Second ,after 60 minutes , from Minute ,second ,0.01second .
- The display range of the Chronograph is 00:00:00~23:59:59
- In Chronograph Mode ,Press D key to Start/Stop running ;When stop ,press C key to zero .
- In Chronograph mode, Press the D key to start run. And press the A key to save NO.1 record, again press the D key continue running . And press the A key to save NO.2 record, again press the D key continue running, according to ways save 8 records altogether.(Note: all saved records are clear if Reset or replace battery.)
- The system will be self-clear away memory and start first record if all records are over 8 sets.
- When chronograph is running, Press B key for 2 seconds exit chronograph mode, and stop running.

### 6. Temperature Measure

- Auto-measure currently environment temperature, measure range -10°C~60°C(or14°F~140°F), and precision is up to ±1°C .
- In real time mode, press C key to change temperature between °C and °F .
- In real time mode ,at the same time press the C key + D key to set time on temperature measure, and select 4 sects such as 5 seconds, 10 seconds , 30 seconds , 60 seconds.

## C. Important Prompt

- Mensuration of air temperature can be affected by the body temperature (When you hang up watch)、straight sunshine or Humidity 。 In order to make the mensuration more exact , please take off your watch and put it at where non-exist straight sunshine and with excellent aeration .In addition , scrape the shall of the watch that it will take twenty minutes to the actual environment temperature.
- Sensor in this watch can be used to measure environment temperature .But it just for forecasting climate personally but isn't an exact setting for forecasting climate or report formally.
- Unexpected change of air temperature will affect the measure result of sensor .

## D. Specifications

- Module Dimension(including protrusion) :  $\Phi 33.3 \text{ mm}$
- Module Thickness(including buzzer) :  $9.6 \pm 0.15 \text{ mm}$
- Operational Temperature Range :  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Operational Voltage :  $3.0\text{V}$
- Accuracy :  $\pm 90\text{sec/month}$
- Battery Code : CR2032
- Static Maximum Driving Current :  $\leq 12 \text{ u A}(T=25^{\circ}\text{C})$
- Static Average Driving Current :  $\leq 8 \text{ u A}(T=25^{\circ}\text{C})$
- Alarm Current :  $\leq 2.5 \text{ m A}$
- EL Current :  $\leq 10 \text{ m A}$
- Temperature Testing Current :  $\leq 40 \text{ u A}$
- Battery life : 18 months(Japan Lithium)  
(2 backlight operation (6 seconds) per day  
 20 seconds of alarm operation per day  
 60 seconds of temperature test per day)

Note: Static current will be larger(approximately 680uA), at this moment, the current become normally( below 12uA) by pressing any key (B, C, D key.)