

LIGHT (A Key) ——— (D Key) START

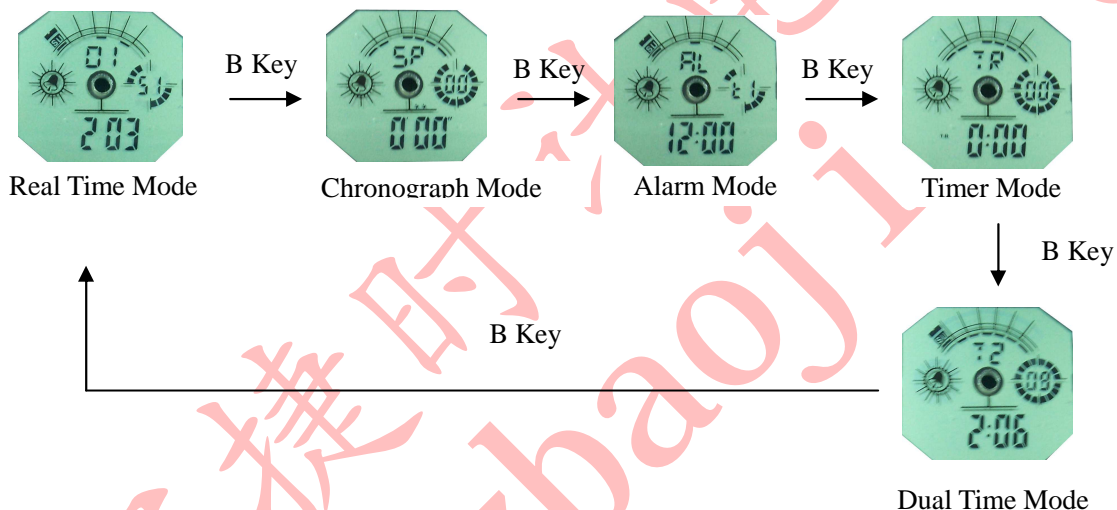
MODE (B Key) ——— (C Key) RESET



A . Features

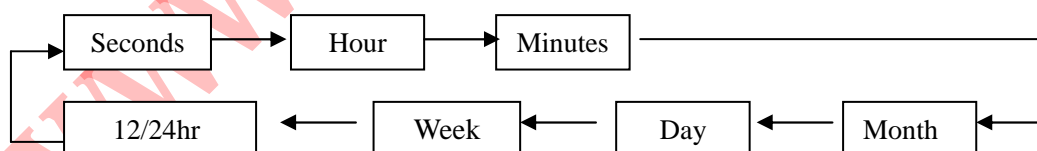
- 8 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,Day and Week
- Dual Time
- 2 Alarm and Chime hourly
- count down
- 12 / 24H format selectable, Auto Calendar
- 1/100 second Chronograph with split functions
- EL backlight

B . Operational Manual



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 “Seconds” 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.



- 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
Seconds	Press D key to reset to 00.
Minutes, Hour, Week, Month, Day	Press D key to increase the setting
12/24Hour	Press D key to change the 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.

2. Chronograph

- The display range of the Chronograph is 23hour, 59 minutes, 59.99seconds..
- The stopwatch will be count to max. values and restart from zero until you stop it.

To measure times with the stopwatch

Elapsed time

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

Spilt time

D key Start → C key Split → C key Split release → D key Stop → C key Clear

16sec Timeout

Two Finishes

D key Start → C key Split → D key Stop → C key Split release → C key Clear

First runner Finishes. Display time of First runner.

Second runner finishes. Display time of Second runner.

3. Daily Alarm

- Alarm Operation: The alarm tone sounds at the preset time for about 15 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 (“CHIME ”).
- Alarm setting :In the Alarm Mode, press C key until the Hour setting of the alarm time starts to flash, Press B key to select "Hour", "Minute" or "alarm1/alarm2" setting, Press D key to adjust the flashing item, Press C key to confirm.

4. Countdown Timer

- The display range of the timer is 23hr 59min, 59sec.
- Timer alarm sounds for about 10 seconds when counting down to 0:00:00.
- Timer Time setting
Press and hold C key f 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 .

5. Dual Time

- Dual Time setting
In the Dual Time mode ,Press and hold C 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 .

C. Specifications

- Module Dimension(including protrusion) : $\Phi 33\text{mm}$
- Module Thickness(including buzzer) : 7.95mm
- Operational Temperature Range : $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Operational Voltage : 3.0V
- Time Accuracy : $\pm 90\text{sec/month}$
- Battery Code : CR2016
- Static Maximum Driving Current : $\leq 3.0\mu\text{A}(T=25^{\circ}\text{C})$
- Static Average Driving Current : $\leq 1.8\text{mA}(T=25^{\circ}\text{C})$
- Alarm Current : $\leq 2.5\text{mA}$
- EL Current : $\leq 10.0\text{mA}$
- Battery life : 24 months (made in Japan)

2 backlight operation (6 seconds) per day

15 seconds of alarm operation per day

	Prepared	Checked	Approve
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