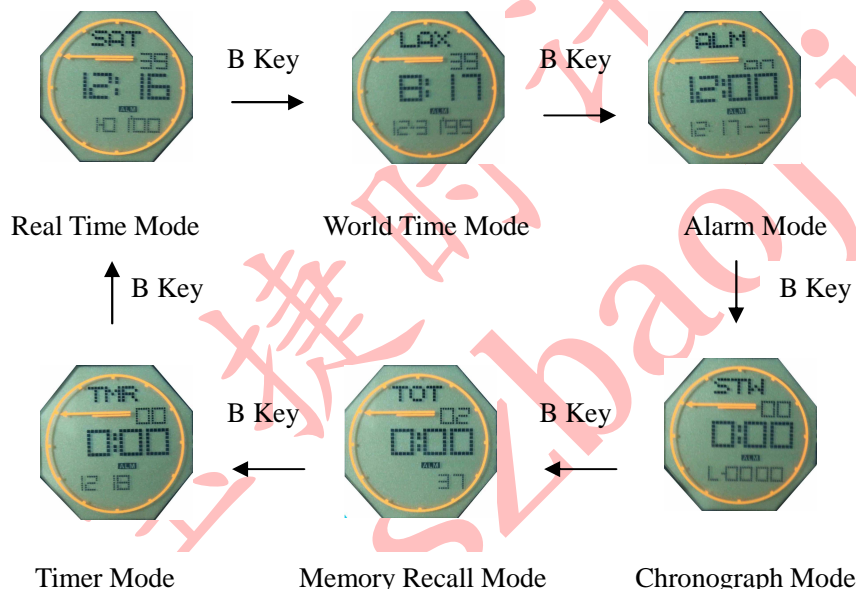




## A . Features

- 15 Digits LCD Display, Display Hour ,Minute ,Second ,Month ,year(2000~2099),Day and Week
- Graphical animation of the day of week cycled by each 10 seconds.
- 24 time zones world time display with independent DST setting.
- 3 independent daily alarms and Chime hourly
- 12 / 24H format selectable, Auto Calendar
- chronograph with resolution up to 23 Hour,59minute, 59.99 seconds.(L-01~L-99)
- Count down timer with preset value up to 23 Hour,59 minute, 59 seconds.
- EL backlight

## B . Operational Manual



1. At any state ,press A key EL backlight for 5s .

### 2. Real Time

- Press C key to toggle the DST status of the local city, time will be updated and DST indicator will be on/off accordingly.
- Press D key to turn on / off Chime ,indicator " **CHM** " displaying for On .
- Press A key for 2 seconds to enter into the time setting mode.
  - a).Entering into the setting mode, 12/24 Hour will be set and blinking.
  - b).Press B key to change to next setting item.
  - c).Press C key or D key to increase or decrease the setting value, if C key or D key has be pressed and hold for 2 sec, auto advance function will be activated.
  - d).Setting sequence will be cycled by 12/24Hour display format, Second ,Minute, Hour, Year, Month, Date, Local City.

e).Exiting the setting mode, the corresponding Day of week will be calculated. The foreign time in the World Time Display Mode will be changed accordingly.

### 3. World Time Mode

- Press C key to toggle the DST for the foreign city. Foreign display time will be updated and DST indicator will be on/off accordingly.
- Press D key to change to the next display city. If D key is pressed and hold for 2 sec, auto advance function will then be activated.

### 4. Daily Alarm

- Press C key to toggle on/off the displayed alarm time. "on" or "**ALM**" will then be updated accordingly.
- Press D key to change to the next alarm time display. There are total of three different alarm time.
- Press A key for 2 seconds to enter into the alarm time setting mode.
  - a).Entering into the alarm setting mode, alarm minute will be set and blinking.
  - b).Press B key to change to next setting item.
  - c).Setting sequence will be cycled by alarm minute, alarm hour.
  - c).Press C key or D key to increase or decrease the setting value, if C key or D key has be pressed and hold for 2 sec, auto advance function will be activated.

### 5. Chronograph

- Press D key to Start/Stop running ;
- Press D key to split the running time if chronograph is running. The corresponding lap rime will be saved, Lap time will be freeze and the lap number will be blinking for 5 seconds. Running time will be resumed afterwards
- Press C key to stop the chronograph and the current lap time will be shown for 5 seconds, Total running time will be displayed afterwards.
- Press C key to reset the chronograph if it is not running . All the memories will be reset.
- If there is no key operation for 60 seconds and chronograph is not running , Real Time Display Mode will be retrieved.
- There are total of 20 laps memories, If the lap number exceeds 20,the last lap will be overwritten. .

### 6. Memory Recall Mode

- Entering into the Recall Mode, Total running time will be shown on the display.
- Press C key/D key to view the previous or next record.
- If there is no key operation for 60 seconds, Real Time Display Mode will be retrieved

### 7. Timer Mode

- Press D key to start/stop the timer running.
- Press C key to reload the preset value if timer is not running.
- If timer is not running , Press and hold A key for 2 seconds will enter into the Timer Setting Mode.
  - a). Entering into the setting mode, timer second will be set and blinking.
  - b). Press B key to cycle the setting sequence between the timers second, minute and hour.
  - c). Press C key or D key to increase or decrease the setting value. If C key or D key has be pressed and hold for 2 sec, auto advance function will be activated.
  - d).Press A key to exit the setting mode directly. Upon exiting the setting mode, the setting value will be saved as the preset timer value.
- Timer alarm will be output for 30 seconds if timer is counted down to zero. Press any key to stop the timer alarm.
- If there is no key operation for 60 seconds , the Setting Mode will be exit and returned to Timer Display Mode.

## C. Specifications

- Module Size :  $\Phi 33$  mm
- Module Thickness : 7.8 mm
- Operational Temperature Range :  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$
- Operational Voltage : 3.0V
- Accuracy :  $\pm 90\text{sec/month}$
- Battery Code : CR2025
- Current Consumption for Digit (maxima) :  $\leq 3.5 \mu\text{A}(T=25^{\circ}\text{C})$
- Current Consumption for Digit (averagely) :  $\leq 2.5 \mu\text{A}(T=25^{\circ}\text{C})$
- Alarm Current :  $\leq 2.5 \text{mA}$
- EL Current :  $\leq 10 \text{mA}$
- Battery life 3 backlight operation (6 seconds) per day : 24 month (Japan Lithium)
- 30 seconds of alarm operation per day

City Code	City	Country	Time Difference
MDY	Midway	-----	-11:00
HNL	Honolulu	-----	-10:00
ANC	Anchorage	-----	-09:00
LAX	Los Angeles	-----	-08:00
DEN	Denver	-----	-07:00
CHI	Chicago	-----	-06:00
NYC	New York	-----	-05:00
CCS	Caracas	-----	-04:00
RIO	Rio De Janeiro	-----	-03:00
-2H	-2H	-----	-02:00
-1H	-1H	-----	-01:00
LON	London	-----	'00:00
PAR	Paris	-----	+01:00
CAI	Cairo	-----	+02:00
MOW	Moscow	-----	+03:00
DXB	Dubai	-----	+04:00
KHI	Karachi	-----	+05:00
DAC	Dacca	-----	+06:00
BKK	Bangkok	-----	+07:00
HKG	Hong Kong	-----	+08:00
TYO	Tokyo	-----	+09:00
SYD	Sydney	-----	+10:00
NOU	Noumea	-----	'+11:00
AKL	Auckland	-----	'+12:00

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