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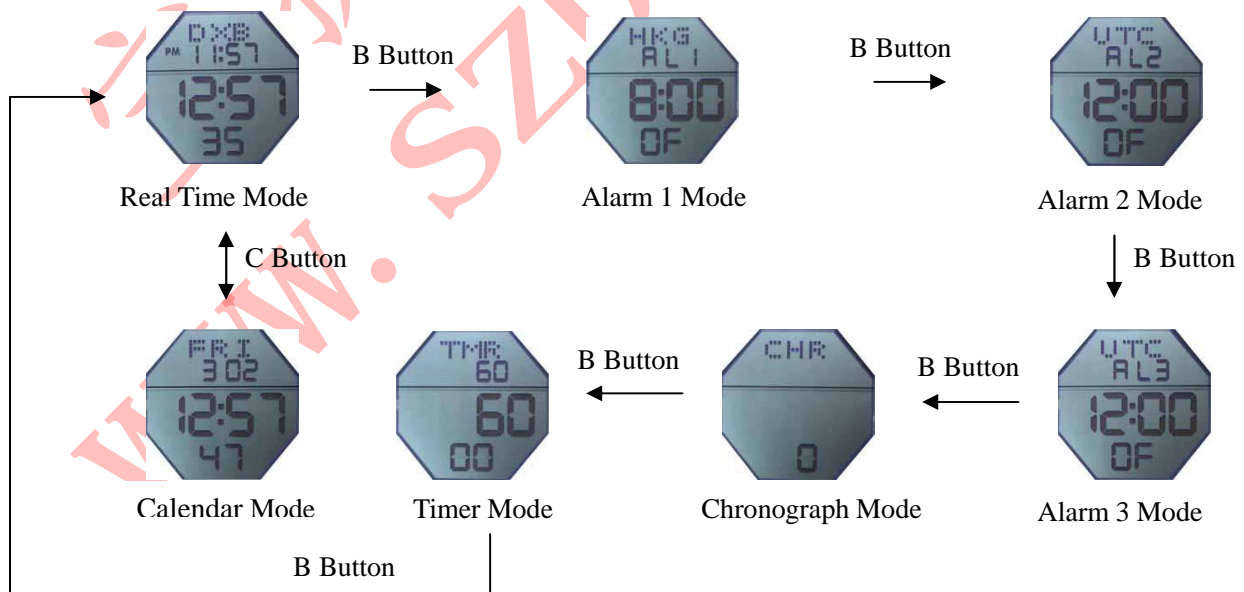
MODE (B Button) ——— (D Button) RESET

A . Features

➢ 13 digits LCD screen displays hour, minute, second, year (2000 ~ 2099), month, date, and the day of the week.

➢ 12-hour / 24-hour format selectable, auto-calendar.

➢ Time of 25 major cities.

➢ Hourly Time Signal and three groups of independent daily alarm.

➢ Countdown timer: countdown time can be set in the range of 1 minute to 180 minutes, and it with auto-repetition function. When countdown time reaches the last one minute, the watch will sound every 10 minutes.

➢ Stopwatch: stopwatch starts counting from 0.01 second, the maximum display range of it is 9 hours, 59 minutes, 59.99 seconds. Ten groups of SPL times.

➢ In any setting mode, the watch will automatically return to time display mode if you do not perform any button in one minute.
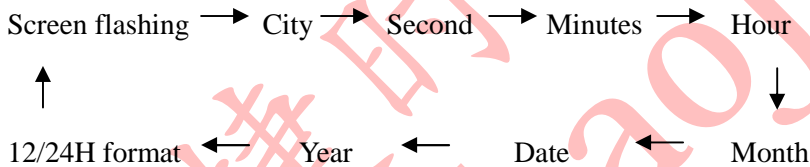
➢ EL backlight.

B . Operational Manual

Real Time Mode → (B Button) → Alarm 1 Mode → (B Button) → Alarm 2 Mode → (B Button) → Alarm 3 Mode → (B Button) → Chronograph Mode → (B Button) → Timer Mode → (B Button) → Calendar Mode → (B Button) → Real Time Mode

C Button (between Real Time Mode and Calendar Mode)

1. **In any mode, El will illuminates for 3 seconds by pressing A button.**

2. Backlight and DST setting

➢ In any mode, press C+B buttons to enter backlight and DST setting modes.

➢ Signal button with backlight function when press D button to select OFF, when select ON, it is any button has backlight function.(This watch without this function)

➢ In NGT selection mode, press C button to select City Code Table, press D button to switch a city code time between Standard Time (STD) and Daylight Saving Time (DST). Press B button to exit. If the time of the selected city is "DST", LCD screen will display the "DST" indicator when you return to view the City Code Table.

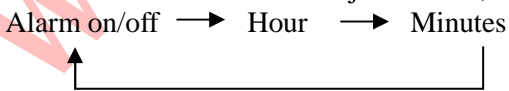➢ Press B button to exit from setting mode.

3. Normal time display mode

➢ In normal time display mode, press C button to switch between Home Time + World Time Mode and Home Time + Date Mode.

➢ In Home Time + World Time Display Mode, press A button to view the City Code downward.(Please refer to the City Code Table)

➢ In Home Time + World Time Display Mode, press D+C buttons together, the World Time and Home Time will change each other.

➢ Hold down B button for 2 seconds to enter time setting screen:

At this time, full screen will flash, press D button to turn on / off Hourly Time Signal (🔔) .

a). Press C button to select the items that need to be adjusted. The sequence is as below:

Screen flashing ⟶ City ⟶ Second ⟶ Minutes ⟶ Hour

12/24H format ⟵ Year ⟵ Date ⟵ Month

b).Press D button to adjust the selected item.

c).Press B button to exit from the setting mode.

d).The day of the week will automatically adjust after year and month have been adjusted.

4. Daily alarm mode

➢ In alarm mode, press C button to view the alarm time of the corresponding city. If you need to re-set the alarm time of the Home Time, please use C button to select the City Code of your home city.

➢ Then hold down B button for 2 seconds to enter alarm time setting screen:

a). Press D button to turn on / off alarm.

b). Press C button to select the adjusted item, the sequence is as below:

Alarm on/off ⟶ Hour ⟶ Minutes

c). Press D button to adjust the selected item.

d). Press B button to confirm and return alarm display mode.

➢ When alarm time of home city has been set, press D or C button to select the city, and the alarm time of home city will automatically adjust according to the time difference.

Note: If you re-set the alarm time of a city, the alarm time of other cities (inclusive home city) will automatically adjust according to the time difference.

➢ Three groups of daily alarm are same.

➢ When the alarm time is reached, the alarm tone will automatically stop in 20 seconds, press D, C or B button will stop alarm tone after it sounds.

5. Stopwatch

➢ In stopwatch mode, press D button to start / stop counting.

➢ When the watch stops counting, seconds resets to zero by pressing D+C buttons, and LAP records will automatically disappear.

➢ When the watch is counting, press C button to enter SPL time, and the watch will return to normal time after the LAP time stably display for 10 seconds.

➢ Repeatedly press C button to record SPL times (LAP1～LAP10).

➢ If LAP time is full, new LAP time will replace the last LAP record.

➢ When the watch stop counting, press C button to view the LAP record mode, and press D button to exit from LAP record mode.

➢ When stopwatch is counting, press B button to enter countdown time mode, it will continue to run at the background.

6. Countdown mode

➢ In countdown mode, press D button to start / stop counting, the original setting (countdown) time will flashing after it stops counting, then press C button to start / stop cycle countdown time （↺）. If countdown time needs to be re-set, you can press D button to adjust it when the setting time is flashing.(The range of countdown time can be set between 1 minute to 180 minutes), press B button to exit time setting.

➢ When countdown time stops, press D+C button together to return to original setting time.

➢ When countdown is reached to the last one minute, warning tone will sound every 10 seconds, and if reached to the last ten seconds, it will sound every second, if countdown finishes, warning tone will sound for 10 seconds continuously.

C. Specifications

➢ Module Size ： Φ40.00mm
➢ Module Thickness（include buzzer）：9.20mm
➢ Operational Temperature Range ： -10℃~60℃
➢ Operational Voltage ： 3.0V
➢ Accuracy ： ±30sec/month
➢ Battery Code ： CR2025(capacitance: 170m Ah)
➢ static average current ： ≤4.04u A (static maximum current ： 10.0uA)
➢ Alarm average current ： ≤2.14m A （Alarm maximum current ： 7.0mA）
➢ EL lighten average current ： ≤9.01m A （ELlighten maximum current ： 12.0mA）
➢ Battery life ： ≥24 month(Japan Lithium)

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

D. City Code Table：

City Code	City	Country	Time Difference
UTC	Coordinated Universal Time	----	----
LON	London	UK	±00:00 UTC
PAR	Paris	France	+01:00 UTC
ROM	Rome	Italy	+01:00 UTC
CAI	Cairo	Egypt	+02:00 UTC
MOW	Moscow	Russia	+03:00 UTC
DXB	Dubai	UAE	+04:00 UTC
KHI	Karachi	Pakistan	+05:00 UTC
DEL	New Delhi	India	+05:30 UTC
DAC	Dhaka	Bangladesh	+06:00 UTC
BKK	Bangkok	Thailand	+07:00 UTC
SIN	Singapore	Singapore	+08:00 UTC
HKG	Hong Kong	China	+08:00 UTC
TYO	Tokyo	Japan	+09:00 UTC
SYD	Sydney	Australia	+10:00 UTC
NOU	Noumea	New Caledonia	+11:00 UTC
AKL	Auckland	New Zealand	+12:00 UTC
HNL	Honolulu	USA	-10:00 UTC
ANC	Anchorage	USA	-09:00 UTC
LAX	Los Angeles	USA	-08:00 UTC
DEN	Denver	USA	-07:00 UTC
CHI	Chicago	USA	-06:00 UTC
NYC	New York	USA	-05:00 UTC
CCS	Caracas	Venezuela	-04:00 UTC
RIO	Rio De Janeiro	Brazil	-03:00 UTC

	Prepared	Checked	Approved
Name	冯碧颜	赵星亮	宋检望
Date	13/07/10	13/07/10	13/07/10