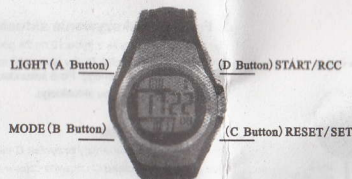


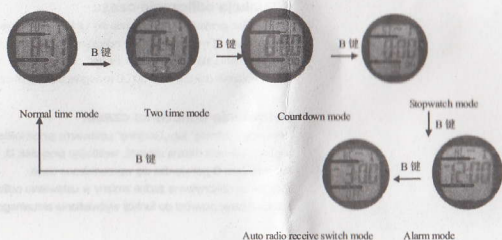
Single-frequency radio watch Manual



A. Features

- > 12 timing function, display hours, minutes, seconds, date, years (1950-2049), month, day, week
- > 12/24 time transition function
- > Two time mode
- > Countdown clock function
- > Stopwatch function
- > Alarm clock function
- > Automatically receive radio waves and force the receiver function
- > RCC wave function
- > Delay type EL backlight
- > Battery have solar accessibility function

B. Product function mode



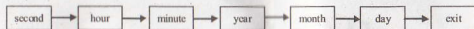
1. Any mode, press the A button EL light three seconds.

2. Chronograph

> In normal time mode, press the C button to switch 12/24 time system, displayed on the screen "PM" when 12-hour mode; press the D button to view the years, and then press D or 5 seconds automatically to return the clock.

> Time setting:

> In normal time mode, hold down the C button until the "second" starts to flash, which indicates the setting mode.
 > Press the C button in the sequence shown choose other settings (Flashing):



> 30 seconds in setting mode is no button operation will automatically return to normal time mode.

1. Two time function

> Into two time mode, hold down the C button until the "hour" starts to flash, which indicates the setting mode. Press D to adjust the settings; (two times can be set only hours, minutes, seconds automatically synchronize the normal time) press the B button to exit set mode.

2. Countdown function

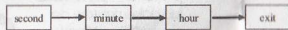
> Countdown timer can be between 1 second to 24 hours to set. When the countdown reaches zero, the alarm will be issued about 20 seconds of alarm. Then press any key can stop the alarm. Stop the alarm, countdown time is automatically returned to its starting time.

> Show Countdown Timer mode, press the D button will start the countdown timer countdown. The countdown is in progress, press the D button to pause the countdown. Press D again to resume the countdown can be.

> To stop a countdown operation, first pause the countdown (press D), then press the C button. At this point last time to return to its starting time.

> Set the countdown start time:

1. In the Countdown Timer Mode, hold down the C key until the countdown start time of the "second" starts to flash, which indicates the setting mode.
 2. Press the C button in the sequence shown choose other settings (Flashing):



3. In the setting is flashing, press D to adjust the settings.
 4. To set the countdown start time of 24 hours, set 0:00.
 5. Press B to exit setting mode.
 6. 30 seconds in setting mode is no button operation will automatically return to normal time mode.

3. Stopwatch function:

> Stopwatch range is 23 hours 59 minutes 59 seconds.
 > If you do not stop the stopwatch, it continues to run the test time. Reaches its limit, the stopwatch will start again from zero.
 > Even if you exit the stopwatch function mode, when the stopwatch will continue to be measured.

1. Alarm function

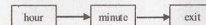
> How to turn off the alarm and hourly chime:

1. In the Alarm mode ("time" or "minute" not flashing), press the D button is to turn on / off alarm clock symbol: (ALM) and (CH).
2. Alarm alarm when the alarm on indicator (ALM) will flash.
3. Preset alarm time is reached when the alarm stops automatically after 30 seconds.
4. Alarm on indicator and the whole point of time on indicator is that show in all functions model.

> **Snooze function:** Alarm clock alarm, press the B or C or D button to stop the alarm and snooze function automatically open, the alarm again after 5 minutes and 30 seconds; alarm within 30 seconds, do not press B or C or D button will be automatically lifted snooze function.

> Alarm setting:

1. In the Alarm Mode, hold down the C button until the alarm time "hour" is flash, this indicates the setting mode.
2. Press C to choose the order in accordance with the next setting item (flashing):



3. The setting is flashing, press D to adjust the settings.
4. Press B to exit setting mode.
5. 30 seconds in setting mode is no button operation will automatically return to normal time mode.

2. Auto receive radio waves function:

> In the setting auto receive mode, press the D button to select ON (that open auto receive), then press D OFF (to disable the auto-recv), can enter power saving mode.

3. Mandatory receive radio waves function

> In normal time mode, press the D button for 3 seconds to enter to force the state to receive radio waves. Less than 5 minutes after not receiving the signal, it will stop receiving.

> Entry into the receiving radio waves state, display towers, "A" flashing, if the signal is received, the signal will be "A" strength indicator, decoding is

1. Receives the signal indicating:

Receiving state no signal (signal tower flashing)	!
Receiving state bad signal (signal tower flashing)	!
Receiving state poor signal (signal tower flashing)	!
Receiving state good signal (signal tower flashing)	!
The received signal (the signal tower is not flashing)	!
Not receive a signal (the signal tower is not flashing)	!

C. Important

1. If you turn on automatically receive wave function, the time within the preset time is AME: 00 received signal.
2. Open automatically receive RCC / ON state, the product every 24 hours will automatically receive radio signals to synchronize the time.
3. Receiving radio time is 5 to 10 minutes, such as within 10 minutes failed to demodulate the signal, then automatically stop receiving.
4. To ensure the reception, it is recommended to put the watch level near the windows.
5. Recommend without receiving radio to checking the time, can off the auto receive waves function that can save energy and prolong battery life.
6. The watch has a solar battery auxiliary functions, the watch band wrist block as far as possible to avoid the clothing in order to achieve the best energy-saving effect.

Solar power-saving function

1. When the interior light intensity in the range of 100 ~ 500 Lux to save battery power consumption by about 50% to 90%.
2. If greater than 500 Lux of light almost no battery power of the machine.

D. Specification

- > Dimension : 33.2mm
- > Thickness : 10.3 ± 0.15mm
- > Working temperature : -10°C ~ +60°C
- > Working voltage : 3.0V
- > Time accuracy : ±30 seconds/month
- > Battery type : CR2025 (Capacity 170m Ah)
- > Maximum static drive current : ≤6.0mA (T=25°C)
- > Average static drive current : ≤5.0mA (T=25°C)
- > Receive RCC current : ≤0.09mA
- > Alarm current : ≤2.5mA (Average)
- > Light current : ≤10mA
- > Sensitivity : ≤52dBuv/m (60CM Test)
- > Battery life : ≥36 month (Japan Battery)

(Everyday; 30 seconds alarm one time, 3 seconds EL bright one times, radio wave receiving 10 minutes)