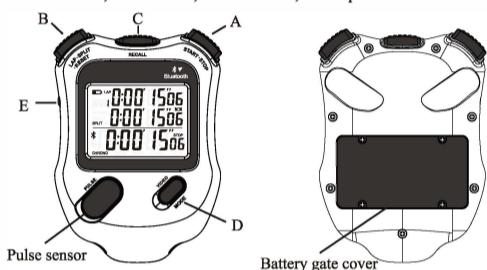


# Fastime 9X

## Bluetooth Stopwatch Instruction Manual



Thanks for your purchasing of this professional Bluetooth stopwatch. Its advanced Japanese CMOS, combined scientific mechanical theory makes sure your valuable purchasing of a professional stopwatch. Besides normal functions of stopwatches, it has distinct advantage: rowing frequency, temperature and pulse measurement, Bluetooth function, chronograph timing and rowing frequency data can be uploaded to your phone by Bluetooth to memorized, classified, analyzed and shared. The data, shared to PC, with Excel file, can be printed.



### I. Summary

#### 1. Model

Model	Merun-5305B	Merun-5306B
Memory	500	600

**Remark:** The memory of stopwatch and rowing frequency is totally 500/600, after the stopwatch use some part of the memory, the memory rowing frequency can be used is the total memory number minus the stopwatch used memory, vice versa.

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#### 5.Pacer

- Pre-settable from 5 beeps/minute to 320 beeps/minute
- Display of pacer frequency, beeps and time.

#### 6.Clock

- Display hour, minute, second, year, month, date, week, and alarm, auto calendar
- 12/24 hours format option

### III. Combine the Stopwatch and Your Phone

#### 1.Download Merun APP

Stopwatch setting and data checking, can not only partly be finished on stopwatch, but also can be done on **Merun APP**.

- ① For iPhone users, please insert "Merun" on APP Store to download the software.
- ② Scan the below QR code to download.



Or



#### 2.The Operation of Bind the Stopwatch and Your Phone

Before the operation, make sure the Bluetooth of the stopwatch and your phone are both ON.

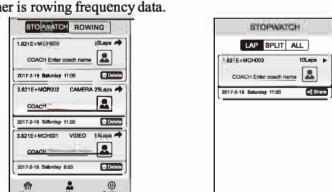
- ① The connect method of stopwatch: Bluetooth 4.0 BLE
- ② The phone system requires: Android 5.0 and above, IOS 8.0 and above

#### ● Turn ON/OFF the Bluetooth

Under clock mode, hold A button (BLUETOOTH) "✿" for 2 seconds to turn on the Bluetooth, the stopwatch will display the Bluetooth code and the Bluetooth signal will flashing, it means the Bluetooth is in broadcast mode, then you can combine the

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- ③ Under "Me" page, there's Stopwatch and Rowing two types data, one is stopwatch timing, another is rowing frequency data.



#### ● Coach & Athletes' Name and Portrait setting

First, use the phone's camera to take the photos of Coach and Athletes and save the photos into your phone's album.

- ① The Coach's name and portrait setting

a. Click "Me" icon "✿", under the main interface to check the history measured data which is accumulated for stopwatch and rowing. Under the accumulated data page, input the coach's name and the portrait.

b. Click the name place and input the coach's name, click finish after the input. Then click the virtual I image and you will enter the photo choosing process. Click the corresponding photo, and adjust the portrait size and place to confirm it.

- ② Athletes' name and portrait setting

a. Under LAP of stopwatch mode, click the athletes' information to update them, set the corresponding LAP distance, athletes' name, and portrait. Click "ALL" means all LAP distances are the same.

b. Under SPLIT of stopwatch mode, click the athletes' information to update them, set the corresponding SPLIT distance, athletes' name, and portrait. Click "ALL" means all SPLIT distances are the same.

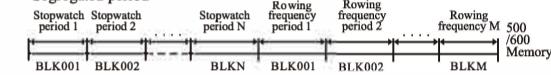
c. Under the ROWING frequency mode, click the athletes' information to update them, set the corresponding athletes' name and portrait.

**Note:** Lap and Split distance can only be set one, if you set the Lap distance ,then you will not be able to set the Split distance, otherwise.

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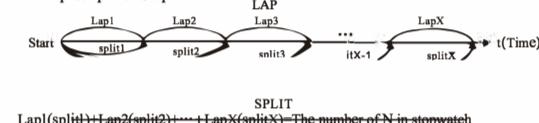
### 2.Segregated period ,Lap & Split ,The number of memory

#### ● Segregated period



Stopwatch period 1+Stopwatch period 2+...+Stopwatch period N+Rowing frequency period 1+ Rowing frequency 2+...+Rowing frequency M=500(600) Memory

#### ● N lap & split of Stopwatch



Lapl(split1)+Lap2(split2)+...+LapX(splitX)=The number of N in stopwatch

#### 3.Buttons & Functions

Button A	START/STOP/BLUETOOTH/SET	Button B	RESET/LAP/SPLIT/SELECT
Button C	RECALL	Button D	MODE/VIDEO
Button E	BACKLIGHT		

### II. Product Main Features

#### 1.Chronograph

- Display of lap, split, and running chronograph time
- Measure up to 9 hours 59 minutes and 59.99 seconds
- Can recall 500/600 lap & split memory
- The memory can be recalled during operation and after reset
- Segregated memory (BLK)

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- Display of best (BES), slowest (SLO), and average (AVE) lap time for the laps traversed for each segregated period (BLK)

- Lap counter (000-999)

- Chronograph operation will have alarm and vibrate reminder

- Bind with your phone by Bluetooth. **Merun APP** software will help the LAP and SPLIT to take photo or video from the APP interface.

- Check the video record from APP, and modify the LAP and SPLIT time.

- Check the coach and athletes' scores, ranking, speed, and pace from APP, and even display their head portraits and names.

- Data can be shared by APP, and connect PC by Bluetooth to memorized and printed.

#### 2.Rowing Frequency

- Display the rowing frequency: stroke/minute

- Measure range: 10-180 strokes/minute

- Can recall 500/600 lap & split memory

- The memory can be recalled during operation and after reset

- Segregated memory (BLK)

- Display of best (BES), slowest (SLO), and average (AVE) rowing frequency for each segregated period (BLK)

- Combine with your phone by Bluetooth. **Merun APP** software will help to load the rowing frequency data to your phone, for your sharing or memorizing. It will also display the scores with the coach and athletes' head portraits and names.

#### 3.Environment Temperature and Pulse Measurement

- Display the current environment temperature

- Temperature measure range: -40°C ~ +60°C (-40°F ~ 140°F).

- Temperature alarm function

- Measure the user's pulse

- Pulse measure range: 30~240 beats/minute

#### 4.Countdown Timer

- Two countdown timers are pre-settable and 9 hours 59 minutes 59 seconds for each

- If not set one countdown timer, the other one is workable.

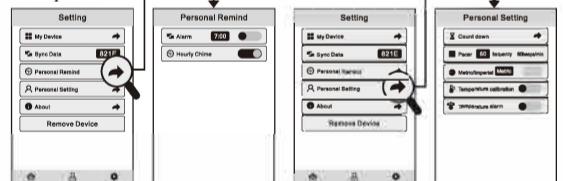
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#### ● Data Setting

①Open your APP, click setting icon "✿" under the main interface to enter setting page.

②Under setting page, click Personal Remind, or Personal Setting to enter the corresponding setting page.

③After the combination, the data set on the APP is automatically transmitted to the stopwatch.



#### ● Sync Data

You can sync the data before stopwatch usage and after the training, and data cannot be synchronized during timing or under rowing frequency process. It means it can only be synchronized after the stopwatch RESET and stored for segregated memory after training.

①Click setting icon "✿" under the main interface to enter setting page. If the right side of Sync Data shows disconnected, click "Sync Data" it will pop up a dialog of "Please bind your Merun Stopwatch". You can only sync the data after the bind of your phone and the stopwatch. If the corresponding device code is displayed on the right side of the data synchronization column.

②After the synchronization, the APP's memorized stopwatch data and rowing frequency data will be the same as the stopwatch.

#### ● Check the Data

①You can scan check the current timing or before 5 laps, temperature, and pulse value.

②Click "Me" under the main page to check the history data which is accumulated. Click one of the measurements to check the detail data information.

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meanwhile the stopwatch will beep and vibrate once. When the athletes sprint on the line, press LAP/SPLIT button of the stopwatch, meanwhile the phone will automatically take the video when the athlete is sprinting the line. Then hold the VIDEO button for 2 seconds or press the STOP button to STOP the timer. Press the RESET button to RESET to zero, which also turns off the mobile video function, the stopwatch rings and vibrates once at the same time.

#### ● The change of Camera and Video

①The photo of the stopwatch's camera can be changed with the phone's album photo. The change method is the same as setting the athlete's portrait.

②For the photo of stopwatch with video, you can use "◀" or "▶" to modify it, hold the button to change fast until the athlete reach the sprint line, press "OK" to confirm. Then use this time as the final timing result.

**Note:** when you modify the video memory, cell phone must be connected with the stopwatch, otherwise you can't modify the records of the APP and the stopwatch. When you modify the measurement record in the APP after connection, data in the stopwatch is modified synchronously.

b. The photo taken for every lap is the photo 2 seconds before and after the operation, so the photo can be modified are just the lap photos 2 seconds before and after the operation. This means the max modify time is ±2 seconds.

#### IV. Chronograph Operation

Depress B button to select the operating mode. The chronograph indicator "CHRONO" is shown. And the memory balance number MEM is shown in the first row left side. Depress B button, the first line shows BLK on the left, means the current segregated period number BLK.

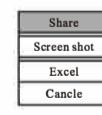
Depress B to scan display the remaining laps and the current segregated period number BLK.

Depress and hold B for 2 seconds to turn on the vibrate function for stopwatch timing and rowing frequency operation, it will display the corresponding signal "■" in the middle row. Hold B button for 2 seconds again to turn off the vibrate, and signal "■" will disappear.

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#### ● Data Sharing

Click the icon "Share", you can share the current all exercise data. Click icon "Excel" it will pop up the social software window which you already installed, and choose the software you need. There are two methods to share to your PC or phone:① Screen shot. ② Excel (as right picture shows).



#### ● data deleting

Click the icon "Delete" in the APP page to delete all the movement data of the current group. When the phone is tied to the stopwatch, delete the current group data on the phone and the stopwatch meanwhile; When the phone is not tied to the stopwatch, you can only delete the current group data on the phone, if the phone is connected to the stopwatch again and the data is synchronized, the current group data that has been deleted is still displayed on the mobile app.

#### 3.The Operation of Stopwatch with Camera or Video

##### ● Camera and Video Operation

①Open the Bluetooth of stopwatch first, finish the bind between stopwatch and your phone. Meanwhile, the distance between stopwatch and your phone needs less than 10 meters, and make sure the stopwatch and your phone is always connected. Or else the stopwatch's Bluetooth signal "✿" will start flashing, and then you cannot take photo or video.

②At Home page, click "CAMERA", and then it will open the camera function of your phone automatically.

③Adjust the phone's location to make sure the Home page's sprint line is align with the runway's actual sprint line

④The operation of stopwatch timing with camera: after the operation of ①~③ when the athletes sprint on the line, press the LAP/SPLIT button of the stopwatch, meanwhile the phone's camera will automatically take the photo when the athlete is sprinting the line.

⑤The operation of stopwatch timing with video: after the operation of ①~③, when the athletes nearly finish the running, hold the VIDEO button of the stopwatch, meanwhile the phone's camera will automatically take the video when the athlete is sprinting the line.

Depress B to scan display the remaining laps and the current segregated period number BLK.



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Press A button to start.

Depress B to read the 1st lap time. Lap is shown at the upper row. SPLIT is shown at the middle row; RUNNING CHRONO is shown at the bottom row.



Depress B to display the 2nd lap time, and the lap counter is shown in the left up corner.



Depress B to display the 3rd lap time, and depress B again to display the 4th lap time. Operate as above procedure, the lap counters within 500/600 will be shown.



Depress A to stop counting. The upper right shows the current lap, the upper left shows the current segregated period number. The bottom row shows the stop time.



Depress C to check the current segregated period memory, and it will display RECALL, the AVE lap time is shown at the upper row.



Depress C again to display the BES LAP time.

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### ③.The Operation of Stopwatch Data Sync

- Stopwatch can enter into data sync operation only when stopwatch reset and stored into the segregated memory.
- You need to turn on the stopwatch Bluetooth and connect with the phone under the CLOCK mode before sync operation.
- Delete operation: after the stopwatch is reset, press C to check the segregated period memory, and it shows RECALL. Press C to choose the one you need to delete, and confirm the sequence number after MCH is the one you want to delete, and then hold C button for 2 seconds can delete the current data. If the current memory is deleted, the upper row will display Ed with a long beep, and the sequence number will be deleted too. If hold button C over 6 seconds, it will display ALLCLEAREd with a long beep, you can delete all the memory data.

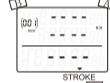


Note: During the delete process, there will have "BibBi" prompt.

## V. Rowing Frequency Operation

It will measure once every 3 times rowing to calculate the current rowing times per minute.

Depress D to select the type of rowing frequency, and the icon ▼ indicates at the "STROKE" position. And the memory balance number MEM is shown in the first row left side. Depress B button, the first line shows BLK on the left, means the current segregated period number.



Depress B to scan display the remaining MEM and the current segregated period number BLK.

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- If the rowing frequency is over 180 or under 10, the test result will display Err, and it won't be stored and won't be counted into the data of AVE, BES and SLO.
- If the rowing frequency is greater than the remaining memory, the stored data more than the memory should be deleted when calculate the AVE, BES and SLO.
- The stored memory can be recalled during the STOP or RUNNING status.
- If the first lap number shows the remaining memory is 000, or the middle line "—" flash during rowing process, it means that the memory is already full. Then the following rowing cannot be stored. You need to delete the memory before usage.
- When it has the segregated memory, the memorized rowing frequency number will less than 500/600, because for each period, it needs to memorize AVE, BES, SLO, STOP time, segregated period number, date, start time.

Depress D to return the rowing frequency to the stopped status. Depress A to restart or B to reset to "0".

### Note:

- After pressing B to reset to "0", press C will enter into the RECALL mode. The bottom row shows the segregated period number, middle row and upper row are the current number's corresponding memorized year, month, date, week, and start time. The number means the memory sequential number, and the largest is the latest memory, smallest is the earliest memory. Press C to choose the period MST, and press A or B to check corresponding memory.
- If there is no memory during the rowing frequency measuring, it cannot go into the RECALL mode when press C.
- The Operation of Rowing frequency Data Sync
  - Rowing can enter into data sync operation only after rowing reset and stored into the segregated memory.
  - You need to turn on the stopwatch Bluetooth and connect with the phone under the CLOCK mode before sync operation.
- Delete operation: after the rowing is reset, press C to check the segregated period memory, and it shows RECALL. Press C to choose the one you need to delete, and confirm the sequence number after MST is the one you want to delete, and then hold C button for 2 seconds can delete the current data. If the current memory is deleted, the upper row will display Ed with a long beep, and the sequence number will be deleted too. If hold button C over 6 seconds, it will display ALLCLEAREd with a long beep, you can delete all the memory data.

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rate. If up to 2 minutes no pulse signal receiving, that is, the pulse signal is NOT flashing over 2 minutes, it will turn off the pulse measuring automatically. If the finger is too cold, please rub it till blood flowing smoothly to make sure the test accurate. The finger should NOT press too hard or moving, otherwise, the testing result will NOT be accurate.

## VII. Countdown Operation

Press button D to select the timer mode, with symbol ▼ indicating "TIMER", the upper row is displaying the 1st countdown timer, the middle row is for the 2nd countdown timer. The bottom row is for 4 digits. Hold button B for 2 seconds to enter the countdown timer setting: the 1st countdown digit for hour will blink, press button A to set the number, press button B to select the digit adjusted, in turn: hour, minute, second for the 1st countdown; hour, minute, second for the 2nd countdown timer. Press A to start the 1st countdown timer with "1" at the top right corner blinking and the timer into counting down. When the 1st group countdown timer approaches "0", it will return to its original set value and start the 2nd group countdown timer with 4 BiBi sounds indication. When the 2nd countdown timer approaches "0", the 2nd group timer will return to its original set value and return to the 1st group countdown timer with 2 BiBi sounds indication, the bottom 4 digits advances by 1 automatically. At any time during countdown, pressing A will stop counting.

### NOTE:

- Setting only the 1st group countdown timer, no setting the 2nd countdown timer, then the 1st group countdown timer will count circulatory.
- Setting only the 2nd group countdown timer, no setting the 1st countdown timer, the 2nd group countdown timer will count down once, without circulation. When the 2nd countdown timer counts to 0, the bottom 4 digits will advance by 1 automatically. Press A again to restart the 2nd countdown timer.
- When both countdown timers are not set, it will default the 1st group countdown timer as 10 hours, then the 2nd group timer keeps 0, and count circulatory in every 10 hours

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Depress C again to display the SLO LAP time. And depress C continuously to circle display the AVE, BES and SLO LAP time.



Depress B to recall the 1st LAP data during the RECALL mode.



Depress B again to recall the 2nd LAP data.



Depress B again to recall the 3rd LAP data.

### Remark:

- You can depress C button to check the current lap memory when the stopwatch is STOP or running.
- When RECALL appears, with each press of B, the stored data are recalled successively in the following order 1→2→3→...→500/600→stop time. Press A is on the contrary.
- If either some segregated period's LAP or SPLIT time is more than 10 hours, the AVE, BES and SLO display function will be disabled.
- If the lap counter is greater than the remaining memory, the stored data more than the memory should be deleted when calculate the AVE, BES and SLO.
- The stored memory can be recalled during the STOP or RUNNING status.
- If the first lap number shows the remaining memory is 000, or the middle line "—" flash during lap counting, it means that the memory is already full. Then the following rowing cannot be stored. You need to delete the memory before usage.

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lap counting cannot be stored. You need to delete the memory before usage.

- When it has the segregated memory, the memorized lap & split total number will less than 500/600, because for each period, it needs to memorize AVE, BES, SLO, STOP time, segregated period number, date, start time.
- Stopwatch timing with camera or video:
  - Turn on the stopwatch Bluetooth and connect with the phone under the CLOCK mode, and open the camera function of the phone.
  - Make sure the sprint line on the phone aim at the track before counting and keep the phone settled.
  - When record with video function, hold the VIDEO button on stopwatch for 2 seconds to open the video function of the phone before approaching the sprint line (should leave an extra time to ensure open the video function of the phone before the sprint, otherwise it cannot record the correct picture).
  - In the CHRONO mode. Press LAP/split to record automatically the camera and video in the final sprint by phone
  - The time display of camera and video on the phone is based on the CHRONO on stopwatch.
  - Long press VIDEO button on stopwatch for 2 seconds to turn off the video function.



Depress D to return the CHRONO to the stopped status. Depress A to restart counting or B to reset to "0".



- Note:**
- After pressing B to reset to "0", press C will enter into the RECALL mode. The bottom row shows the segregated period number, middle row and upper row are the current number's corresponding memorized year, month, date, week, and start time. The number means the memory sequential number, and the largest is the latest memory, smallest is the earliest memory. Press C to choose the period MCH, and press A or B to check corresponding memory.
  - If there is no memory during counting, it cannot go into the RECALL mode when press C.

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Depress A to start measuring the rowing frequency, the bottom row will flash.



Depress A after rowing 3 times to read the rowing frequency at the bottom row, it will automatically change to display at the middle row and flash at the bottom row after 1 second.



Depress A again after rowing 3 times to get the 2nd rowing frequency. The former data displayed at the middle row will change to the upper row, the current data will display at the middle row after display shortly at the bottom row. The bottom row will flash.



Depress A again as above operation to get the 3rd rowing frequency.



Depress B to stop the rowing frequency, and it will display "STOP". The upper left shows the current segregated number, the upper right shows the memory numbers. The bottom row shows the latest rowing frequency.



Depress C to check the current segregated period memory and it will display "RECALL", the AVE rowing frequency will display at the upper row.

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Depress C again to display the BES rowing frequency and the serial number.



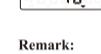
Depress C again to display the SLO rowing frequency and the serial number. Depress C continuously to circle display the AVE, BES and SLO rowing frequency.



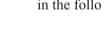
Depress B to display the 1st rowing frequency at the bottom row during RECALL.



Depress B again to display the 2nd rowing frequency at the bottom row, and the 1st rowing frequency will change to display at the middle row.



Depress B again to display the 3rd rowing frequency at the bottom row, and the 1st rowing frequency will change to display at the upper row and the 2nd rowing frequency will change to display at the middle row.



- Remark:**
- Depress C to check the current segregated period memory, and it will display "RECALL" when the rowing frequency display "STOP" or measuring.
  - When RECALL display, with each press of B, the stored data is recalled successively in the following order: 1→2→3→...→500/600. Press A is on the contrary.

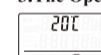
-15-



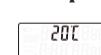
symbol ▼ indicating TEMP/PULSE, upper row displaying measured temperature, and the below row displaying Pulse rate. Shortly press button B to switch Celsius °C or Fahrenheit °F. Shortly press button A to display temperature calibration mode on or off at the upper left side, with symbol "ON" meaning the measured temperature is calibrated; with symbol "OFF" meaning the measured temperature is NOT calibrated. Shortly press button C, the middle row displays alarm temperature value. Hold button C for 2 seconds to turn on or off the alarm temperature, when the alarm temperature is ON, the middle row with symbol "ON" indicating.

Temperature setting operation: Hold button B for 2 seconds into temperature calibration and alarm temperature setting. The upper row left corner with symbol "OFF" blinking, and press button A to switch ON/OFF. When the temperature calibration setting with "OFF", press button B will NOT enter the upper row's temperature setting, it will directly move into middle row for alarm temperature setting with symbol AL indication. When the temperature calibration setting is "ON", press button B into upper row for setting, the scope is ±5 °C according to current measured temperature. Then press B into middle row for alarm temperature setting, first setting alarm value, second set alarm on.

## 3.The Operation of Pulse Measure



Press button D to select the Temperature measuring / Pulse measuring mode, with symbol ▼ indicating TEMP/PULSE, upper row displaying measured temperature, the below row displaying Pulse rate.



Put your finger gently on the metal sensor, finger must totally cover the sensor, the pulse symbol is flashing, the below row display from "0" to "--", indicating to get pulse signal, keep the finger still, after several seconds, will display your current pulse

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## VIII. Pacer Operation



Press button D to select the PACER mode, with symbol ▼ indicating "PACER", the upper row is displaying the FREQUENCY, the middle row is for numbers of beats. The bottom row is for timing.



Press button C to select the frequency, e.g. 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 150, 180, 240, 320.



Press A to start the Pacer. When the frequency 60 is selected, there will be a Beep sound of 60 times / minute, the middle row displays the numbers of beats, the bottom row displays the time duration. Press A again to stop the pacer with "STOP" showing, then press B to reset the pacer beats and time counting.

## IX. Clock & Alarm Operation



Press the button D to select CLOCK mode: The alarm hour, minute, year, month, date, week, hour, minute, second are displayed as left graph showing. Hold button B for 2 seconds into Clock setting mode, Press B to select the digit, and press A to adjust, press D to return clock mode.



**Note:**  
Alarm will start ringtone automatically for 60 seconds when alarm time setting, in CLOCK mode, press button C to turn on or turn off the alarm ringtone. When alarm is on, the symbol will display; when alarm is off, no symbol.

## X. Backlight Operation

Press button E to open the backlight for 5s.

**NOTE:** for backlight function consume a lot of battery power, please use it when necessary.

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## XI. Battery Replacement

- When low battery symbol appears, it is necessary to replace the battery.
- Unscrew and remove battery cover.
  - Take off the old battery and replace with 2pes new AAA batteries in correct positive and negative pole. Put back the battery cover and re-screw the battery cover. In order to prolong the battery life, please use the low discharge rate alkaline batteries.

splashes or rain, but it is not designed for use in water. Do not operate the buttons when the stopwatch is wet.

2. The operation temperature range is -5°C ~ 50°C. Do not leave your stopwatch under direct sunlight or in very high temperature for a long time, the display may become black. Do not leave your stopwatch in very low temperature as this may cause a slight time loss or gain and the change of digits becomes slow. In both cases, the above conditions will be corrected when the stopwatch return to normal temperature.
3. The stock environment needs to be ventilated and dry with the temperature range 5°C ~ 35°C, relative humidity less than 70%. Please avoid stocking the stopwatch together with other goods of corrosive gas.
4. The integrated circuit in your stopwatch can be affected by static electricity. If the static electricity is very strong, a permanent damage can occur. Be careful of the screen of the TV set and the wearing of clothing made of synthetic material in dry weather, in such case a very strong static electricity can be generated.
5. Be careful not to drop your stopwatch or hit it against hard surface, as it may cause a mechanical damage.
6. Do not expose your stopwatch to solvents such as gasoline and alcohol, spray of cosmetics, cleaners, paints etc., as they may cause damage to the stopwatch.

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批准：