



## 1. Function Description

The watch shall possess the following features and functions:

- **Time & Date**
  - Hours, minutes, and seconds displayed in 12- or 24-hour format
  - Day of week and Month, Date displayed in MM-DD format
  
- **Alarm**
  - Daily Alarms
  - Hourly Chime
  
- **Stopwatch**
  - 1/100-second resolution up to 10 hours
  - Split time display
  - No lap count
  
- **Timer**
  - Timer settable up to 24 hours
  - Enable set to repeat count
  
- **UFC Timer**
  - Two UFC timer UFC-3 and UFC-5
  
- **Electroluminescent (EL) backlight**
  - 3 seconds backlight after release the LIGHT button

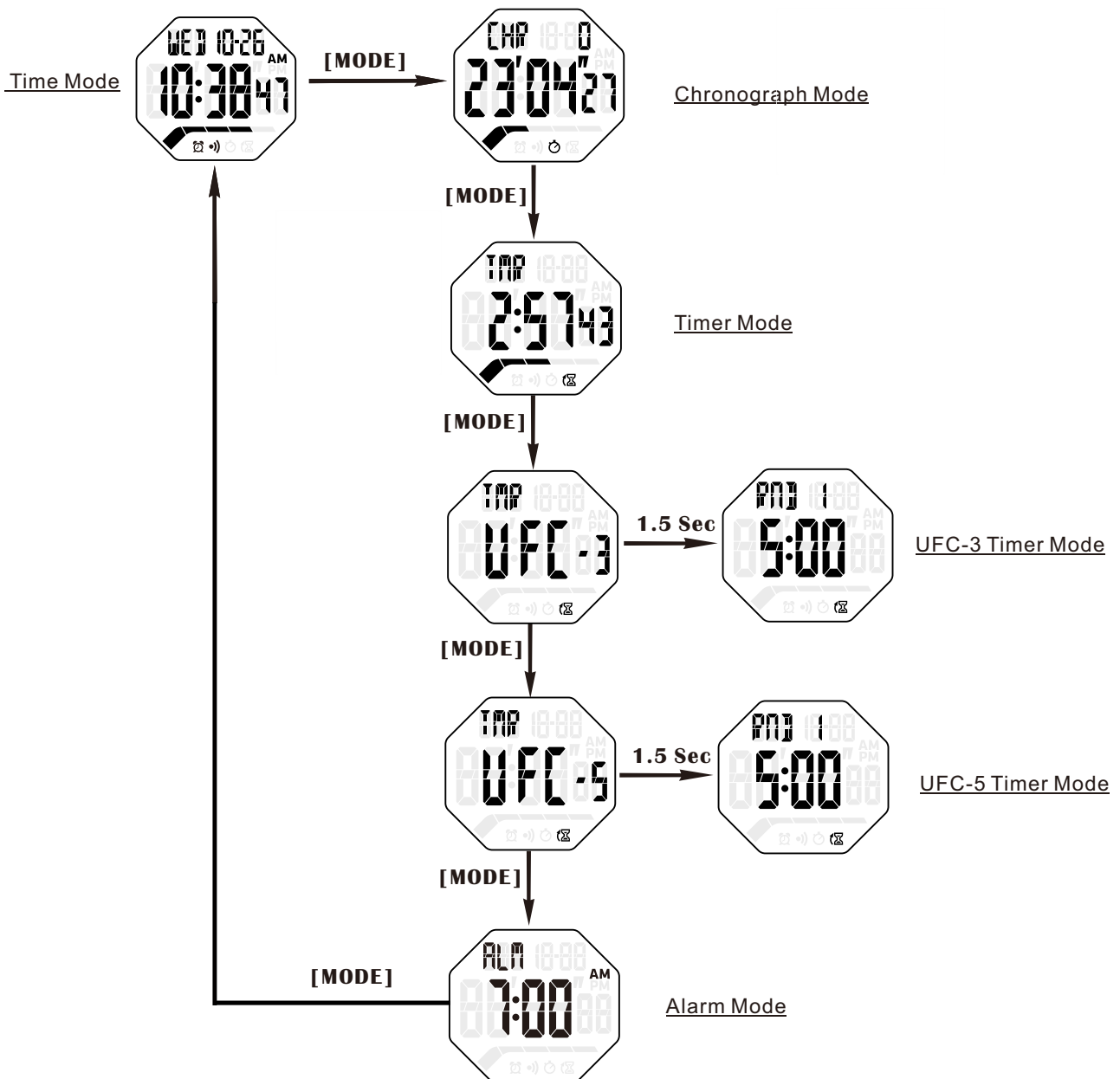
## 2. Mode Architecture

The watch shall employ the classic mode architecture for navigation between models, Time of Day is the default mode and the user can press **[MODE]** button repeatedly to access other modes.

The watch consist of 6 different modes, these are:

- Time of Day ( Included two time zone )
- Chronograph
- Timer
- UFC-3 Timer
- UFC-5 Timer
- Alarm

The mode sequence shall follow the order below:



## 3. Operation in Time mode

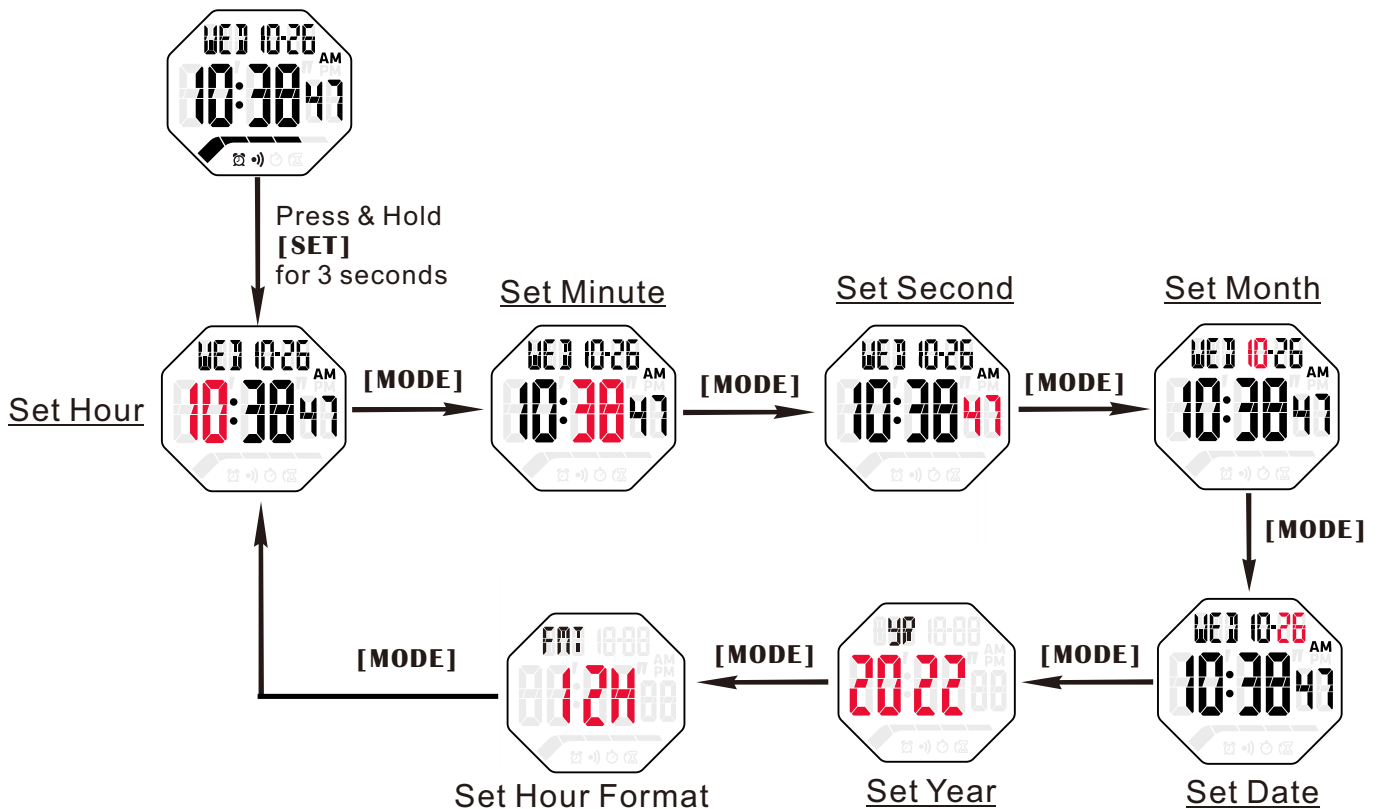
### 3.1. Operation in default state



- > Press button [MODE] will change to next function mode Chronograph
- > Press and hold button [START] for 3 seconds will switch time zone between Time 1 and Time 2
- > Press button [LIGHT] will turn on EL backlight for 3 seconds

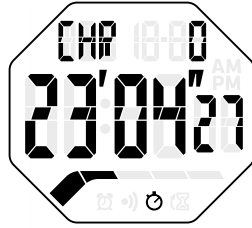
### 3.2. How to set Time and Date

In Time normal display state, press and hold button [SET] 3 seconds will enter Time Set state, as below:



- > Once enter Time Set state, press button [MODE] can change the setting item with the sequence Hour-->Minute-->Second-->Month-->Date-->Hour Format.
- > When setting Hour, Minute, Month, Date and Year, press button [START] will increase the set value, long press of this button for 1 second for start to fast increase the set value.
- > When setting Second, press button [START] will force second value to zero.
- > When setting Hour format, press button [START] will change hour format between 12H and 24H.
- > In setting state, press button [SET] or no any button action for 1 minute, all setting are saved and then exit to normal time display automatically.

## 4. Operation in Chronograph mode



- > Press button [MODE] will change to next function mode Timer
- > Press button [START] start chronograph running.
- > When Chronograph is running, press button [SET] will enter split display state, chronograph time is still counting but it is not refreshed in display. After 5 seconds, the display is resumed automatically.
- > When Chronograph is running, press button [START] will stop it, and press this button again, chronograph will run continue.
- > When Chronograph is stopped, press and hold button [SET] for 3 seconds will clear the running time.
- > In any state, press button [LIGHT] will turn on EL backlight for 3 seconds

## 5. Operation in Timer mode

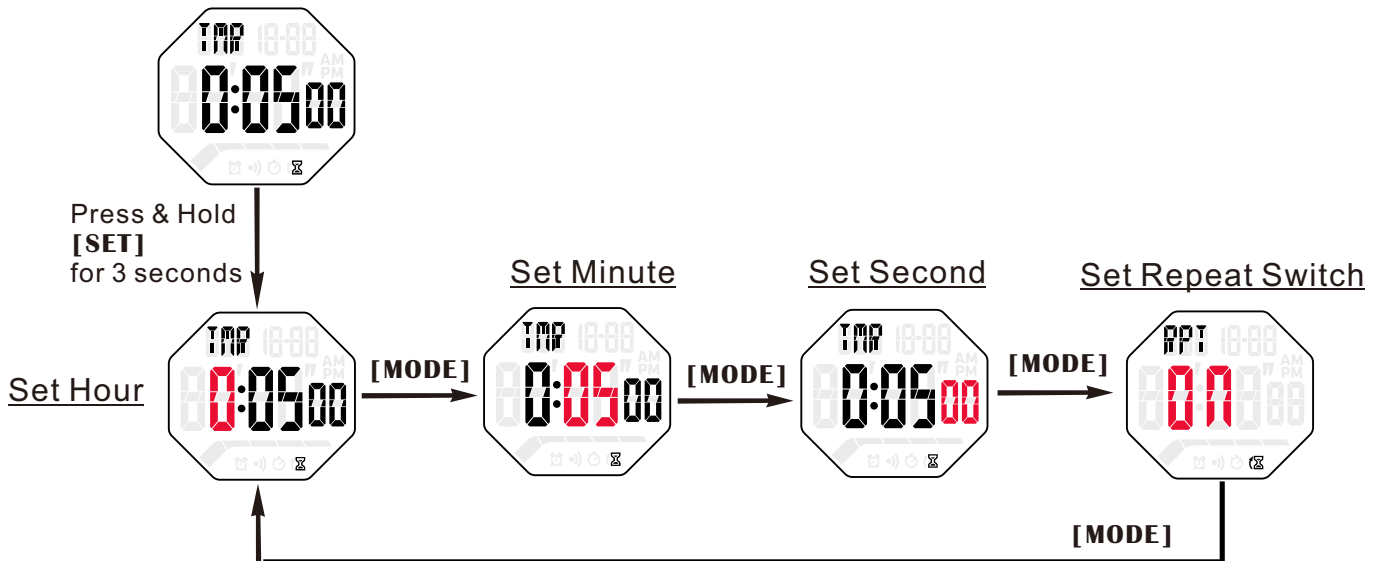
### 5.1. Operation in default state



- > Press button [MODE] will change to next function mode UFC-3 Timer
- > Press button [START] start Timer running.
- > When Timer is running, press button [START] will stop it, and press this button again, Timer will run continue.
- > When Timer is stopped, press button [SET] will reset the timer time to preset value.
- > In any state, press button [LIGHT] will turn on EL backlight for 3 seconds

## 5.2. How to set Timer

When Timer is not running, long press button [SET] for 3 seconds will enter Timer Set state to adjust the preset time value. as below:



- > Once enter Timer Set state, press button [MODE] can change the setting item with sequence Hour-->Minute-->Second--> Repeat Count Switch.
- > When setting Hour, Minute and Second, press button [START] will increase the set value, long press of this button for 1 second then start to fast adjust setting value.
- > When setting Repeat Count Switch, press button [START] will enable / disable Timer repeat once it is count end.
- > In setting state, press button [SET] or no any button action for 1 minute, all setting are saved and then exit the set state automatically.

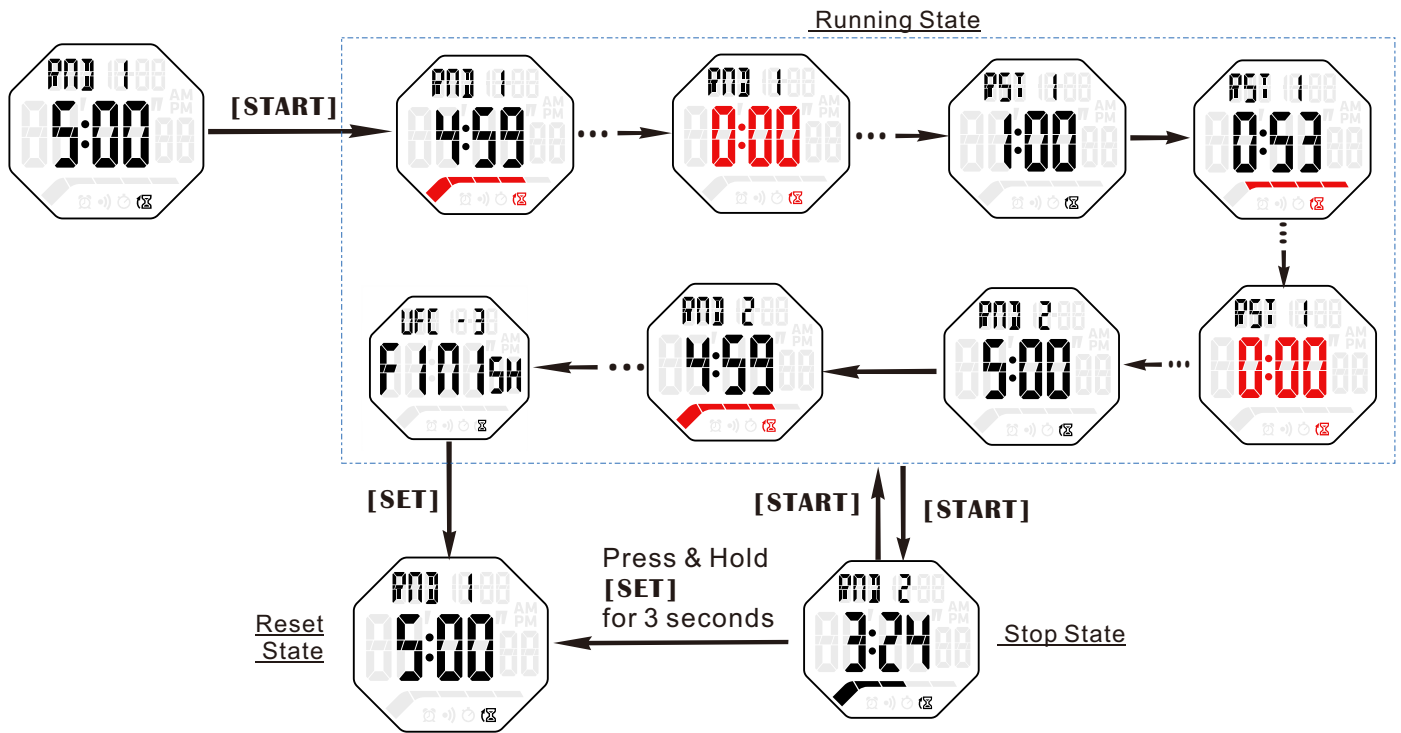
## 6. Operation in UFC Timer mode

There are two types of UFC Timer, UFC-3 and UFC-5 , all the operation for these two timers are the same, the only difference is, for UFC-3 Timer, there are 3 rounds and for UFC-5 Timer, there are 5 rounds.  
For each round, the preset time is fixed to 5 minutes, and there is 1 minute rest time between two rounds.



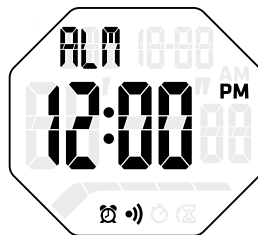
- > For UFC-3 Timer, press button [MODE] will change to UFC-5 Timer mode and for UFC-5 Timer, press this button will change to next function mode Alarm.
- > Press button [START] start the UFC Timer running. when one round is counted done, the 1 minute rest time is count continue and auto start next round after it is done.

- > When UFC Timer is running, press button [START] will pause the time count, and press this button again will resume it. In stopped state, long press button [SET] for 3 second will reset the time to initial time set.  
The detail operation as below:



## 7. Operation in Alarm mode

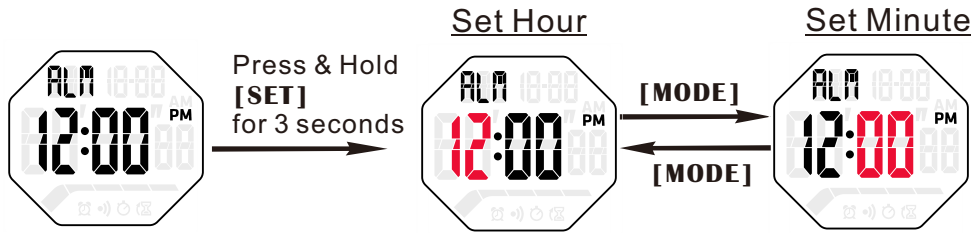
### 7.1. Operation in default state



- > Press button [MODE] will return to default function mode Time
- > Press button [START] continue will change Alarm and Chime switch set, in turn sequentially followed by in sequence successively: Alarm On, Chime Off --> Alarm Off, Chime On --> Alarm and Chime On --> Alarm and Chime Off.
- > Press button [LIGHT] will turn on EL backlight for 3 seconds

## 7.2. How to set Alarm time



In Alarm mode, long press button [SET] for 3 seconds will enter Alarm time Set state the detail as below:



- > Once enter Alarm time Set state, press button [MODE] can change the setting item between Hour and Minute. press button [START] will increase the set value, long press of this button for 1 second will start to fast increase the set value.
- > When the alarm time is changed, Alarm switch will be forced to On whatever it is set as on or off before enter set state.
- > In setting state, press button [SET] or no any button action for 1 minute, all setting are saved and then exit the set state automatically.

## 6. Module Specification

Module Diameter:	37.20 mm
Module Thickness:	9.20mm
Work Temperature:	-10°C~60°C
Work Voltage:	3.0 V
Standby Work Current:	≤3.45uA
Battery	Maxell CR2032(220mAh)
Est. Battery Endurance:	24 months

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Signature			
Date	Mar. 08 2023	Mar. 08 2023	Mar. 08 2023