



Fishing Barometer Watch

钓鱼气压表

USER GUIDE

用户指南

## 1. Introduction

Do you know,

What is relationship between atmospheric pressure and fishing?

When is the perfect fishing time?

How to find more fun for fishing?

This fishing barometer watch is professional designed for fishing-enthusiasts. It can increase successful fishing chance and bring more fishing funs for you.

It has been known that the atmospheric pressure effects fish active, such as high air pressure, high DO in water, fish will be active and has a good appetite. On the contrary, fish will be dispirited and has a bad appetite. If we know the trend of barometric pressure, it can greatly increase the chance of successful fishing.

The main functions of this watch are combined barometer, altimeter, thermometer, 6 sets of fishing pressure record, fishing depth record, air pressure track, fishing time remind, weather forecast, 24 hours pressure trend forecast, 3days history record, time, date, casting frequency management, countdown timer and EL backlight etc.

## 2. Features

- ◆ Smart tracking barometric pressure for 6 fishing places
- ◆ Smart remind suitable fishing time
- ◆ 24 hours barometric pressure trend chart
- ◆ Adopt super-accuracy barometric sensor from Swiss
- ◆ 3 days air pressure & temperature record

- ◆ Incorporates altimeter, barometer, temperature, weather forecast, time & date functions etc.
- ◆ Complete countdown timer management
- ◆ Casting frequency management
- ◆ 3ATM waterproof

### 3. Start

Using first time, press A/B+ to turn on unit.

#### Controls:



- ① A/B+ (START): A means altimeter, B means barometer
- a) Press it enter barometer/altimeter mode, press it again to exit;
  - b) Under barometer/altimeter mode, long press it to switch between barometer mode and altimeter mode;
  - c) Under history mode/pressure tracking mode/setting mode, press it to increase data.

② HIS- (RESET) :

- a) Press it to enter pressure of fishing places mode, press it again to exit;
- b) Under pressure tracking mode, long press it to switch between pressure initial record mode/pressure tracking mode;
- c) Under setting mode, press it to reduce data ;

③ VIEW (MODE) :

- a) Under every mode, press VIEW to switch among date/thermometer/time/sea level pressure/water depth/fishing pressure/altitude/fishing places code etc.
- b) Under time mode, long press VIEW to enter setting mode;
- c) Under setting mode, press VIEW to switch setting items;

④ LOCK (LIGHT) :

- a) Press LIGHT to turn on backlight
- b) Under every mode (except time mode), long press LOCK 2 seconds to lock current mode. It will not exit if there is no operation. Long press LOCK 2 seconds again to exit;
- c) Long press LOCK 5 seconds to turn off unit.

The default mode is time mode. Before first using, please set up initial data such as time, date, temperature unit, air pressure unit, altitude unit and sea level altitude etc. Detail setting method, please refer item 4.2 (Setting mode) .

## 4. Operating instructions:

### 4.1 Default mode - time mode

● LCD display: Display time, date, pressure trend arrow, pressure trend chart, weather forecast, temperature and fishing icon (if pressure is not fit for fishing, this icon will not display on screen ) etc. Press VIEW to switch among date, temperature and countdown timer. Please refer figure 1.

● Pressure trend chart shows air pressure change in passed 24hours, X-axis is time, Y-axis is air pressure (every division means 2hpa )

● Pressure trend arrow forecast pressure change in future 12 hours.

● If current pressure is higher than fishing pressure, the fishing icon will display on screen. If not, the fishing icon will disappear.

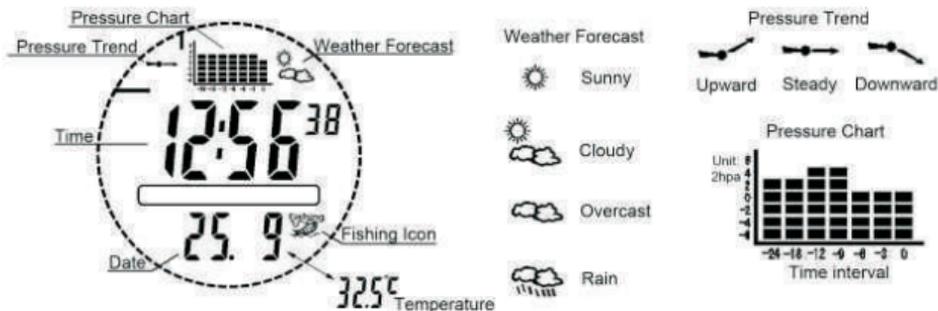


Figure 1 Time mode

#### 4.1.1 Countdown timer mode :

● Under time mode, press VIEW to switch to countdown timer mode. "T" will be displayed on screen.

● LCD display: Display countdown timer, time, pressure trend arrow,



Figure 1.2 Countdown setting

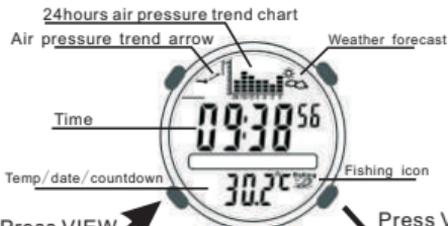


Figure 1.1 Enter into countdown timer

countdown icon “T”, weather forecast. Press VIEW to switch to time mode.

- Countdown setting: Under countdown mode, long press VIEW to enter countdown setting, the digit will be flashed, press A/B+ button to increase data, press HIS- button to decrease data. press LOCK to save and exit setting mode.

- Under countdown timer mode, press A/B+ to start or stop countdown timer. When countdown timer is over, it will be alarm in 30 seconds. Press LOCK (LIGHT) to turn off alarm.

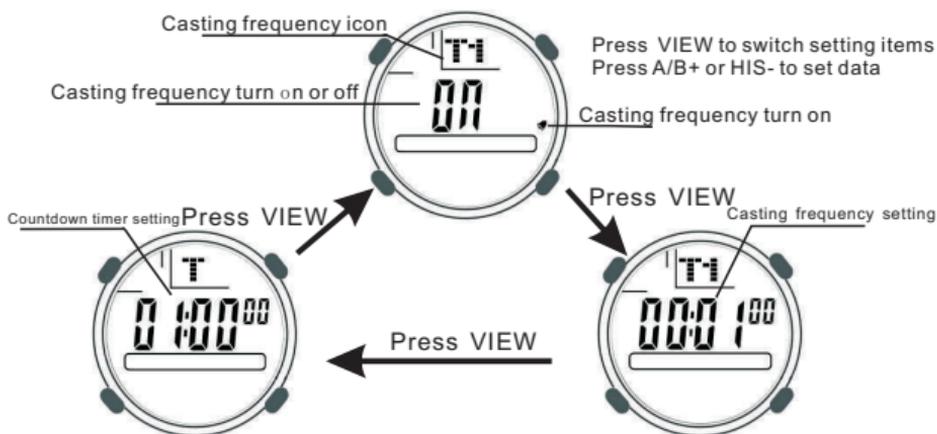
- When countdown timer is finish to zero, it requests set countdown time again.

- Under countdown timer mode, long press A/B (START) to enter barometer model or altimeter mode.

## 4. 1. 2 Casting frequency management

Casting frequency management is designed for high efficiency of casting and changing fish bait. It can remind us when we should change fish bait and save much time for us during fishing especially in fishing competition.

According different fish bait and personal using habit, casting frequency range from 10 seconds to 60 minutes. When time is arriving, there will a "Bibi" sound to remind. If missing time during changing fish bait , press HIS- to recover casting frequency.



### Steps of setting casting frequency:

1. Under time mode, press VIEW two times to enter into countdown timer mode ("T" will display on screen).
2. Long press VIEW to enter countdown timer setting mode

3. Press VIEW 3 times to enter casting frequency mode (T1 will display on screen)
4. Press VIEW to enter casting frequency setting. The digit will be flashed. Press A/B+ to increase data, press HIS- to decrease data. Press LOCK to save and exit setting.

### **Turn on casting frequency**

First method: Under time mode, long press HIS- to turn on casting frequency management. There will a "Bibi" sound to remind. 📢 will display on screen. Long press HIS- again to turn off it. 📢 will disappear on screen.

Second method:

1. Under time mode, press VIEW two times to enter into countdown timer mode ("T" will display on screen).
2. Long press VIEW to enter countdown timer setting mode
3. Press VIEW 3 times to enter casting frequency mode (T1 will display on screen)
4. Press A/B+ or press HIS- to turn on or off casting frequency. Press LOCK to save and exit setting.

Remark:

1. When turn on casting frequency management, Other functions will be worked regularly except pressure of fishing places and 3days history record mode. If recovering them, please turn off casting frequency fist.
2. When turn on casting frequency management, the power consumption will be higher. To saving power, it will be turned off automatically if there is no operation in 3 hours.

## 4.2 Setting mode

● Under time mode, long press VIEW to enter setting mode, weather icon will be flashed. Press VIEW to switch setting items; Press A/B+ to increase, press HIS- to decrease, press LOCK to exit setting mode.

● Steps: Time mode (Long press VIEW) → weather forecast (press VIEW) 12H/24H (press VIEW) → hour (press VIEW) → minute (press VIEW) month (press VIEW) → date (press VIEW) → temperature unit (°C/°F) (press VIEW) → pressure unit (hpa/inHg) (press VIEW) → altitude unit (m/ft) (press VIEW) → sea level altitude (thousand-hundred-ten-one) (press VIEW) → fishing pressure (thousand-hundred-ten-one) (press LOCK) → saving and exit to default mode(time/date mode)

● Fishing pressure means the lowest critical pressure which fit for fishing. When air pressure is higher than fishing pressure, the fishing icon will be displayed on screen. Fishing pressure can be set according different geographic location.

The default fishing pressure of this unit is 1002hpa.

### Sheet of fishing pressure for different altitude (Only for reference)

Altitude (M)	Fishing pressure (hpa)	Altitude (M)	Fishing pressure (hpa)	Altitude (M)	Fishing pressure (hpa)
50	1002	1000	889	2100	759
100	996	1500	830	2200	747
200	984	1300	854	2300	735
300	972	1400	842	2400	723
400	960	1500	830	2500	711
500	948	1600	818	2600	699
600	937	1700	806	2700	687
700	925	1800	795	2800	676
800	913	1900	783	2900	664
900	901	2000	771	3000	652

● If there is no operation in 30 seconds, system will save setting and exit to time mode automatically.

#### 4.3 Barometer mode

● Under time mode, press A/B+ to enter barometer mode, press A/B+ again to exit.

● LCD display: weather forecast, pressure trend chart, pressure trend arrow, current pressure, fishing pressure, sea level pressure, temperature. Please refer figure 2.

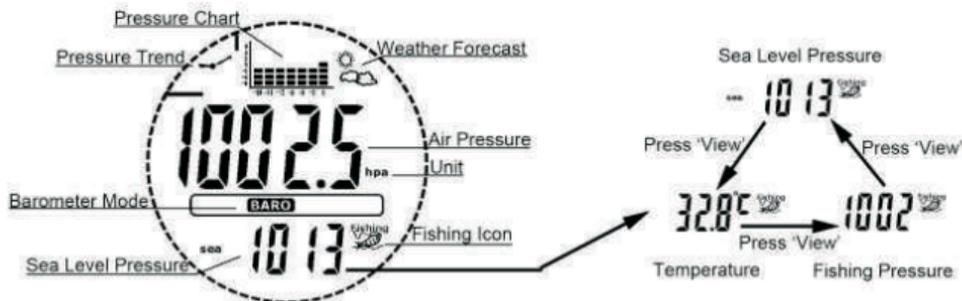


Figure 2. Barometer mode

● Under barometer mode, press VIEW to switch among sea level pressure/temperature/fishing pressure.

● Fishing pressure means the lowest critical pressure which fit for fishing. It can be set according different geographic location (the default fishing pressure is 1002hpa). When current pressure is higher than fishing pressure, fishing icon will be displayed on screen. If not, the icon will disappear. Please refer item 4.2 to set fishing pressure.

● Under barometer mode, press HIS- to enter 3days history record.

## 4.4 Altitude mode

- Under barometer mode, long press A/B+ to switch to altitude mode. Long press A/B+ again to turn back to barometer mode. Short press A/B+ to exit to time mode.
- LCD display: weather forecast, altitude trend arrow, climb altitude (Relative altitude), sea level altitude, temperature, time. Please refer figure 3.

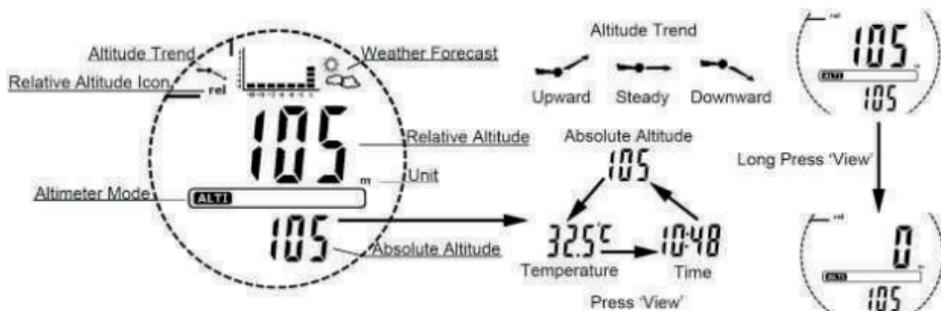
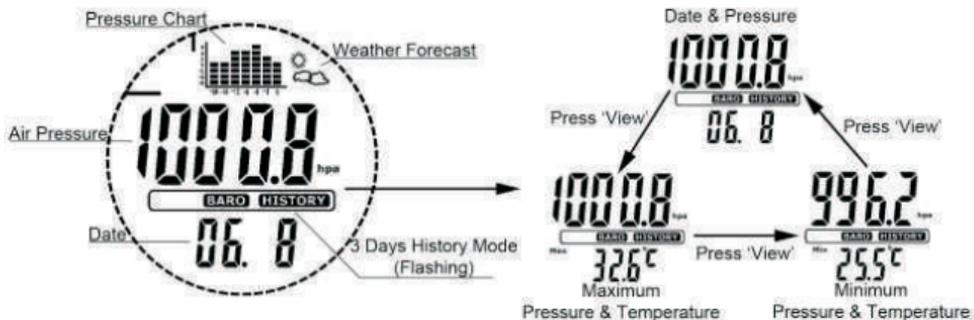


Figure 3 Altitude mode

- Under altitude mode, press VIEW to switch among sea level altitude (absolute altitude)/temperature/time.
- Climb altitude(Relative altitude): Long press VIEW to clear climb altitude to zero and start to measure. The altitude arrow indicates rising or downing

#### 4.5 3 days history record mode

- Under barometer mode, press HIS- to enter 3days history record mode. Press HIS- again to exit.
- LCD display: date, weather forecast, pressure trend chart, highest (lowest) pressure, highest (lowest) temperature. Please refer figure 4.
- Under 3days history record mode, press VIEW to switch among date/ highest (lowest) pressure/highest (lowest) temperature.
- Under 3days history record mode, press A/B+ to switch date (total 3days)



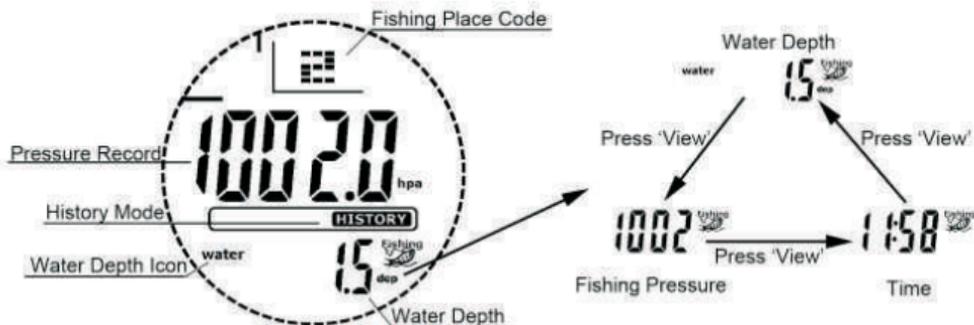
**Figure 4 3 days history record mode**

PS: 3days history record is applying in very cold weather condition such as winter or autumn. if temperature difference in 3 days is changing smaller and smaller, or if the lowest temperature in 3 days is becoming higher and higher, it should be fit for fishing in future few days. Under 3days history record mode, there is maximum and minimum temperature for each day. It can help us to know whether it fit for fishing or not.

#### 4.6 Pressure of fishing places

● Under time mode, press HIS- to enter pressure of fishing places mode. Press HIS- again to exit.

LCD display: fishing place code, record pressure, water depth, fishing pressure, time. Please refer figure 5.



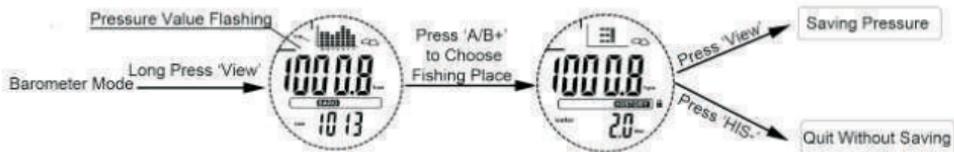
**Figure 5 Pressure of fishing places mode**

- Press VIEW to switch among water depth/fishing pressure/time
- Press A/B+ to switch among different fishing places code
- Long press HIS- to switch record pressure and current pressure of fishing place.

## 4.6.1 Record initial air pressure for fishing place

Before tracking air pressure for fishing places, at first time when arriving the fishing place (such as one lake, one river etc.), we should record an initial air pressure.

### 1. Record initial air pressure for fishing place



### 2. Record water depth for fishing place



## 4.6.2 Pressure tracking for fishing place

### ● Step 1 Link fishing place

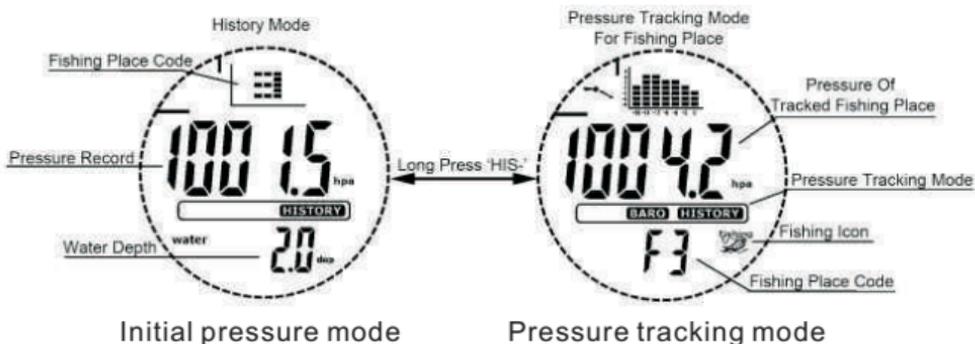
At fishing place, recording the initial air pressure base on method of item 4.6.1. When coming back usual staying place (such as home or company), please link fishing place base on below method,

1. Under time mode, press HIS- to enter initial air pressure mode.
2. Long press A/B+ to link fishing place

● Step 2 Checking current air pressure of fishing place when we are staying at usual place (such as home or company), steps are as below,

1. Under time mode, press HIS- to enter pressure tracking mode.
2. Press A/B+ to switch fishing place code.

● Under pressure tracking mode, press VIEW to switch among fishing place code/fishing pressure/water depth. Press HIS- to exit pressure tracking mode and go back to time mode.



#### **4.7 Backlight / Lock mode**

● Under every mode, short press LOCK(LIGHT) to turn on backlight. 5 seconds later, it will be turned off automatically.

● Long press LOCK (LIGHT) 2 seconds to lock current mode. It will not exit if there is no operation in 30 seconds.

Long press LOCK (LIGHT) 2 seconds again to exit lock mode. When enter into lock mode, there will be a icon  on screen.

● Under lock mode, it will not influence the function switch

#### **4.8 How to know fishing time is coming?**

1) Checking fish icon whether display on screen or not;

2) Normally pressure range from 1002 hpa ( 29.58inHg ) to 1005.4hpa (29.67inHg), it is suitable for fishing. Range from 1006hpa (29.70inHg) to 1028hpa(30.35inHg), it is perfect for fishing. For other pressure, it is not suitable for fishing.

3) Checking pressure trend arrow, if the arrow is increasing, it will be great time for fishing.

4) During Winter or Autumn, if temperature difference in 3 days is changing smaller and smaller, or if the lowest temperature in 3 days is becoming higher and higher, it should be fit for fishing in future few days.

#### **Technical Specification:**

##### **Barometer:**

Range from 300mbar to 1100mbar

Hpa and Inhg unit switch available

Resolution of 0.1mbar

##### **Thermometer:**

Range from -10°C to +60°C

°C and °F unit switch available

Resolution of 0.1 degree

**Data records:** 6 sets data for fishing places including pressure, time, water depth

**Weather forecast:**

4 weather status indicating, sunny - partly cloudy - cloudy - rainy.

The weather forecast for next 12 to 24 hours

**Time:** 12h and 24h format switch available, hour-minute-second and countdown function.

**Date:** month and day display

**Three days history data record:** recording weather, pressure trend, maximal and minimum pressure and temperature.

**Battery life:** about 12 months.

Spare parts: manual\*1.

**Attentions:**

1. This unit is not designed for professional or special purpose.
2. The unit is water proof but not for diving. Don't submerge in water.
3. Do not operate outside of the specific temperature range (-10° to 60°C)

<b>Water Resistance Guide for Watch</b>	
30m/99ft - 50m/165ft	Allows for contact with water such as washing hands and rain etc.
50m/165ft - 100m/330ft	Allows for light poolside swimming
100m/330ft - 200m/660ft	Allows for swimming, snorkeling and showering (do not expose to hot water)
200m/660ft - 500m/1650ft	Allows for impact water sports such as board diving and scuba diving
500m/1650ft +	Appropriate for serious deep water diving

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