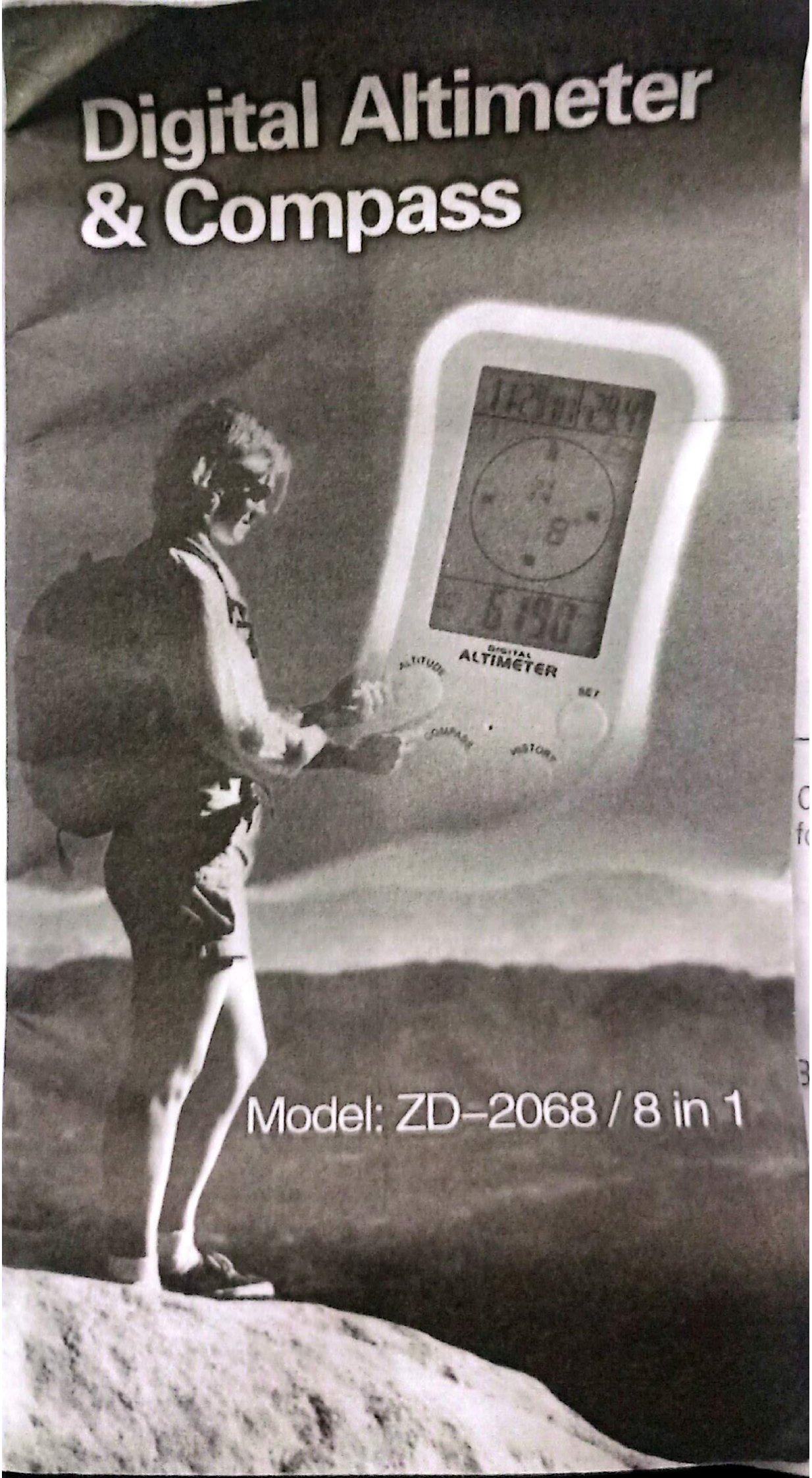
Digital Altimeter & Compass



Model: ZD-2068 / 8 in 1

CamScanner

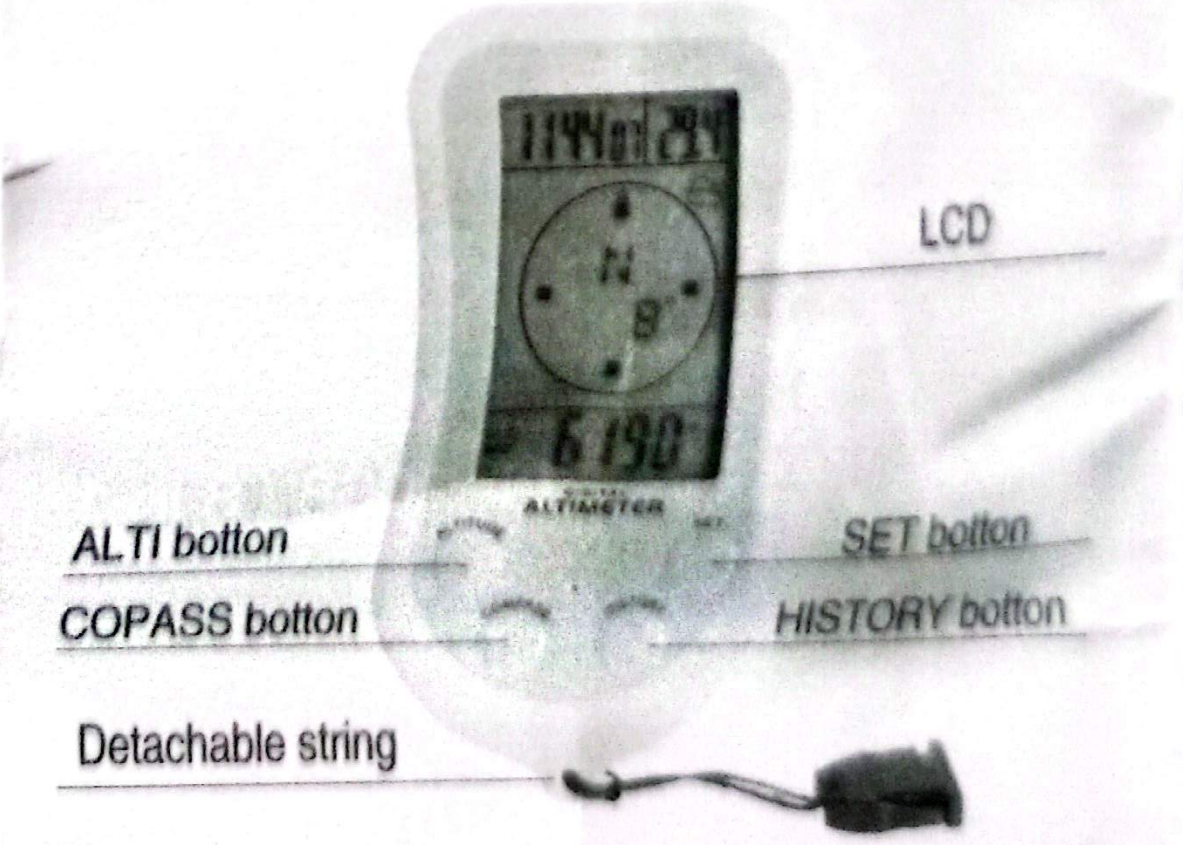
8 IN 1 DIGITAL ALTIMETER

USER MANUAL

MODEL: ZD–2068

General description

The multifunctions digital altimeter is a good device for outdoor (motoring,boating, camping, mountaineering and hunting).The function is include altimeter, barometer, compass, thermometer, weather forecast, time and calendar.



CamScanner

Functions and technical specifications

- Altimeter

Range :-2296 fts to 29500fts

Resolution of 1 meter or 3 fts.

-Barometer

Range :350-1100 hpa.

Resolution of 1 hpa.

-Compass

Accuracy of ±3° .

Resolution of 1° .

Display mode:360° with 16 cardinal point segments.

-Thermometer

Accuracy of ±2° C.

Resolution of 1° C

Temperature format: ° C or ° F

Range:from -5° C to 50° C.

-Clock and calendar

With year,month,date,time.

Clock format:24H or 12H(AM/PM).

-Weather forecast

With sunny,slight sunny,cloudy,rain.

-LCD display

CamScanner

Display with LED backlight(blue).

-History

It can memorized the data of every times.

-Power supply

- Single CR2032 3V lithium coin cell battery

-Power off automatic

Operation

Place the battery in the battery comp-artment or change the battery.The LCD will display the default status(Fig.1)

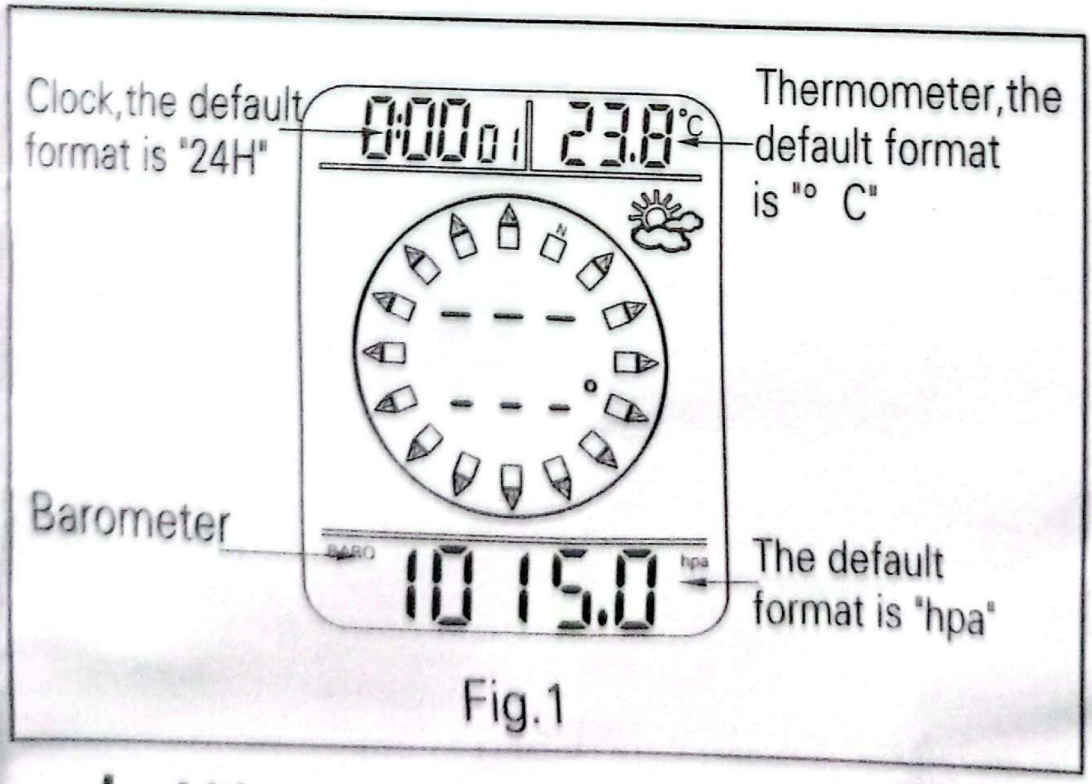


Fig.1

I .Altimeter and barometer

1.Barometer is the default status, and

"hpa" is the default units. It will display the current air pressure (refer Fig.1).

2.Press the "ALTI" button to switch to altimeter.You can measure the height above sea level where you stand.

In this mode, press the "ALTI" button and hold it for 3s,it will switch to the mode that measure the relative height.The default value is 0 meter.The value of the relative height will rise if you take it to higher place. The other way round,it will fall.

II .Compass

1.Press the "COMPASS" button enter the compass mode. The LCD will display the bearing,the arrow of direction,the offset angle of North(Fig.2).When you turn around the compass,the angle will change from 0° to 359° .When the angle display is 0° ,it shows that the digital compass is points to the North rightly.It will only stay in "COMPASS" mode for 30 seconds. Then it will return to the default status.

CamScanner

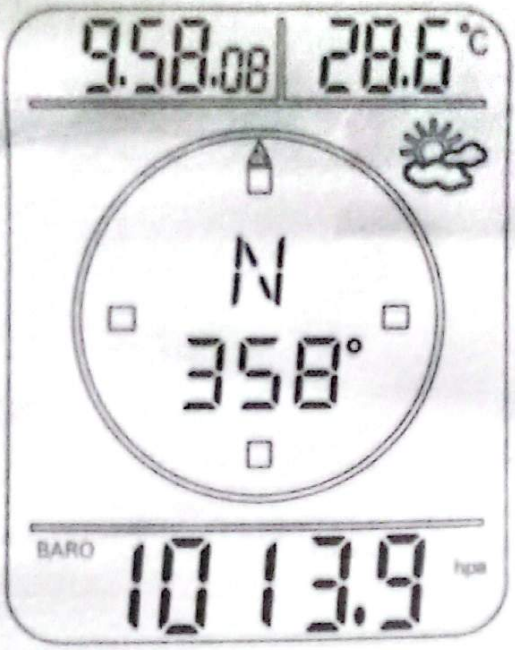


Fig.2

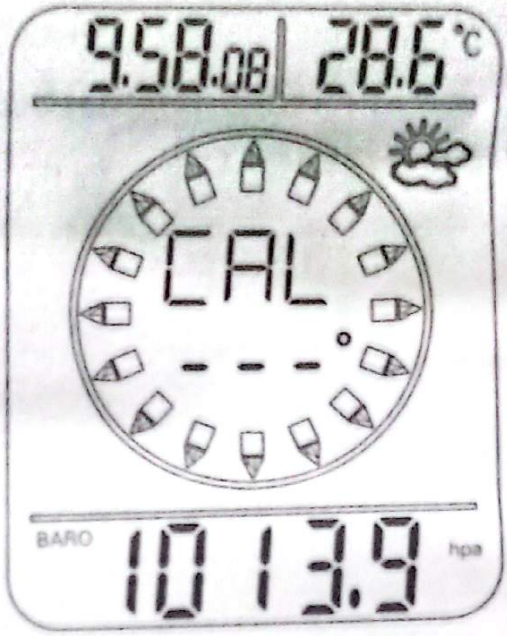


Fig.3

2. During use the device,if you found the accuracy of compass is destroyed.You can press the "COMPASS" button and hold it for 3s to enter calibration mode.The LCD will display "CAL" icon ,the 16 cardinal point segments will flash(Fig.3).It means that the calibration mode of compass is on. At this time,keep the device be parallel with horizontal plane and turn one complete revolution slowly(It is probably easier to turn your boby rather than your hand). Then, you can press the "COMPASS" button to finish calibration,and the compass is normal working.(Note:For more accurate results,

CamScanner

The air bubble of the gradienter should be kept inside the circle during the calibration procedure).

III .Thermometer

The LCD is display air temperature in Celcius (° C).This is the default mode(refer Fig.1). Temperature format : ° C and ° F.

IV.Clock and Calendar

1. The clock with hour,minute and second. Time format:24H and 12H. 24H is The default format.

2.The calendar with year,month,date.

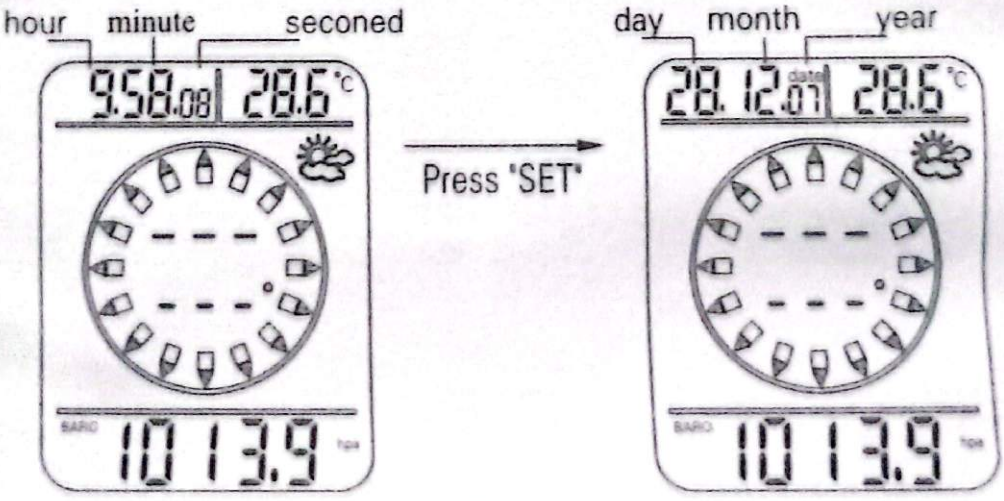


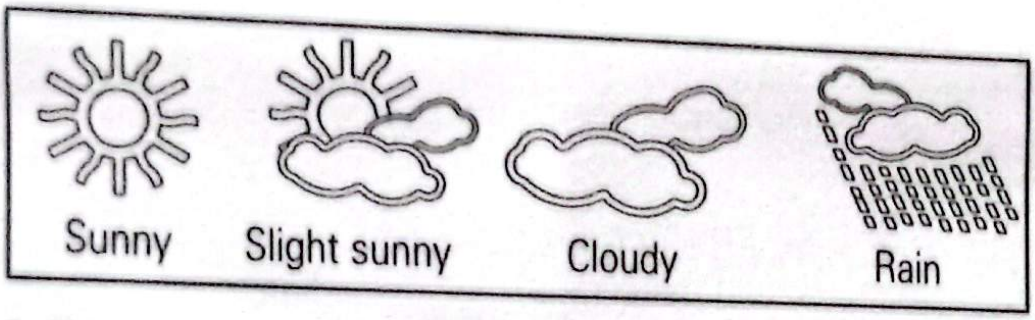
Fig.4

3.Press the "SET" can switch to calendar or clock(Fig.4).

V.Weather forecast

The weather forecast for next 12 to 24 hours.

Four weather status indication,sunny, slight sunny,cloudy,rain.



VI.Backlight

Press any button can be illumined the super blue LED .So it can be used in the night. It only stay in backlight mode for 5s.

VII.History

Press the "HISTORY" button,the data of history will display on the LCD.

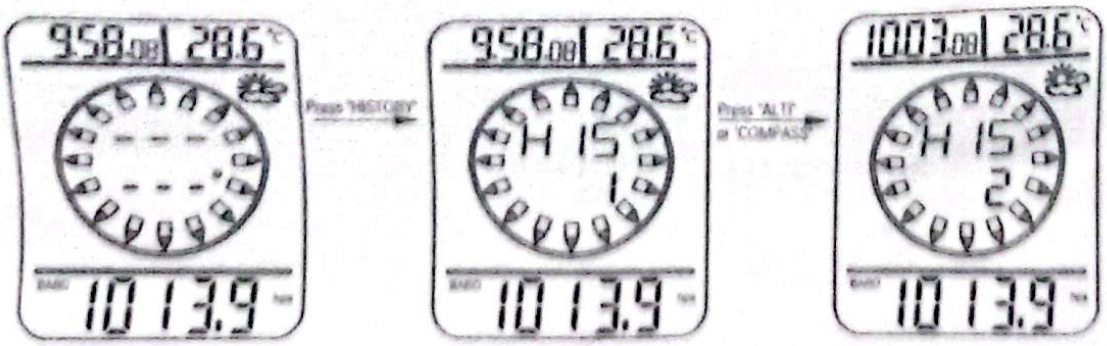


Fig.5

Press the the "ALTI" button or "COMPASS" button to read the data for every historical record; The data of history is include time,air pressure and height. (Fig.5)

Ⅶ. Power off automatic

Press the "SET" button for 5s,the power will turn off. You can press any button to wake up it.

Calibration

1.Set the clock, calendar and the format of the thermometer, barometer and altimeter.

Press the "SET" button and hold it for 3s enter calibration mode.The "24H" on the LCD is flash.It means that the time format mode is on.Then press the "ALTI" button or press the "COMPASS" button to switch format 24H to 12H.

Press the "SET" button second,the number of the hour will flash.Then you can Press the "ALTI" button or the "COMPASS" button to set the hours.

CamScanner

In the same way:

Press the "SET" button to set the minute.

Press the "SET" button to set the year.

Press the "SET" button to set the month.

Press the "SET" button to set the day.

Press the "SET" button to set format of the thermometer, ° C or ° F.

Press the "SET" button to set the format of the barometer, hpa,inhg and mmhg.

Press the "SET" button to set format of the altimeter,m and feet.

In any times that during the calibration, press the "HISTORY" button can finish calibration and return to the default status.

2.Calibration the barometer ,altimeter and history.

If the value of the barometer and altimeter is imprecise.You can calibration it.

In barometer mode,hold press the "SET" button and press the "ALTI" button at once. The number of the barometer will flash. Then you can press the "ALTI" button or "COMPASS" button to calibrate the barometer.

CamScanner

In barometer mode,hold press the "SET" button and press the "ALTI" button at once. The number of the barometer will flash. Then you can press the "ALTI" button or "COMPASS" button to calibrate the barometer.

In altimeter mode, You can calibrate the altimeter In the same way.

3.History

In the default status,press the "HISTORY" button and hold it for 3s enter to set the time that how long to record the data once(Fig.5). Press the "ALTI" button or "COMPASS" button to setting it(Fig.6).

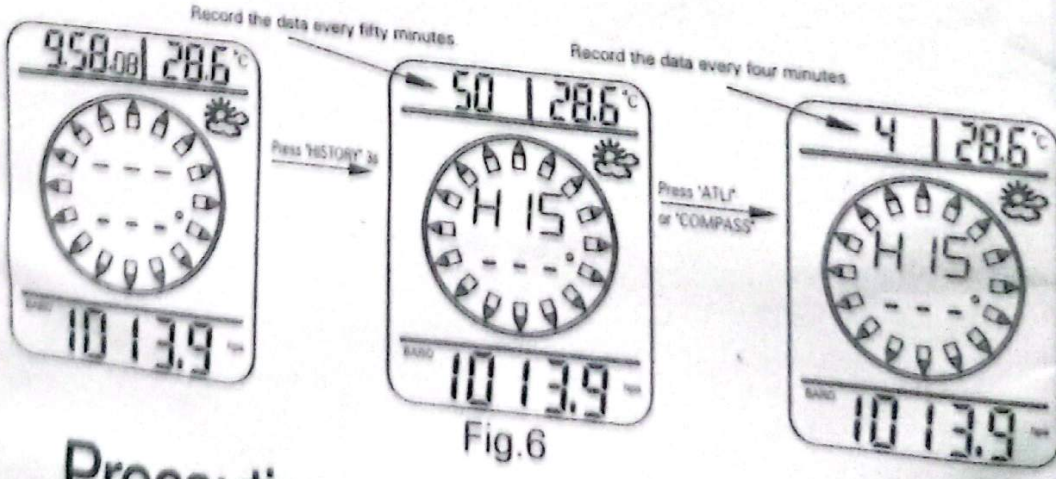


Fig.6

Precaution

1.The device is not design as commercial navigation device.

1.The device is not design as commercial navigation device.

2.Never place the device near magnetic field equipment.

3.Keep away your digital compass from much moisture and 4.humidity situation. Avoid direct water exposure.

5.Use your digital compass Within temperature range (–5° C to 50° C).

6.Always place your digital compass horizontally when using.

CamScanner