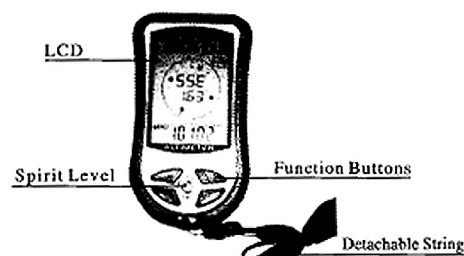


8 IN 1 DIGITAL ALTIMETER

USER MANUAL

Digital Altimeter, with digital barometer, digital compass, weather forecast, time, calendar, thermometer, and backlight. The device is based on the technology of electronic bearing sensor and barometric sensor.

The digital altimeter is designed for outdoor use. The detachable string makes the digital compass a perfect hand-carry device for various outdoor activities. It will give you backlight when you press any button in any time.



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Relative Altitude

You can use this unit to monitor the ascending or descending altitude from one certain location or the relative altitude for any mountain or object etc.

Press and hold [ALTITUDE/+] button for 2 seconds to clear the altitude value to 0^M, then to ascend or descend, the relative altitude from that location where you clear will display in the lower row of the screen. The negative value means that the current altitude is lower than the previous relative altitude; The positive value means the current altitude is higher than the previous relative altitude.

Barometer

When you first use the barometer, please calibrate the sea level pressure. It will not be altered due to the change in the altitude but with regard to the barometric change only. You can obtain the current sea level pressure from newspaper, local news and radio weather reports or through the internet weather station.

In the barometer mode, press [SET] and [ALTITUDE/+] at one time, enter the current barometric setting that is the baric setting at the current location. The barometric value will flash, press [ALTITUDE/+] to increase the reference barometric value, or press

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Calibration for digital compass

- Once batteries are placed, the LCD will full display, press [COMPASS/-] button, it will bring up the compass screen.
- Press and hold [COMPASS/-] button for 2 seconds, then it will show 'CAL' on the LCD, at this time, turn the device one circle slowly (or you can place the device on the flat of your hand, turn your body one circle). This allow the electronic bearing sensor bearing sensor to seek the magnetic North. (Note: For more accurate results, the air bubble in the spirit level should be kept inside the circle during the calibration procedure.)
- After turning the device one circle, press [COMPASS/-] button at once, it will show accurate direction degree on the LCD, and the calibration process completed.



Full display, press [COMPASS/-]
Long press [COMPASS/-]
Turn the device one circle, press [COMPASS/-] at once

- At compass mode, it will exit compass function if you press [ALTITUDE/+] button.

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[COMPASS/-] to decrease it.

Note: Repeat this procedure after changing the battery or after one year of operation.

Press [ALTITUDE/+] button to switch the use of altimeter and barometer.

Weather Forecast

Apart from detecting the altitude, barometer also helps to forecast the weather for the forthcoming 12 to 24 hours basing on barometric pressure changes. The effective range is 30-50km.

Note: 1. The weather forecast could be affected by oceanic or continental weather phenomenon. It is not responsible for any inconvenience caused by an inaccurate forecast. So, please refer to the weather forecast from the local weather station.

- The weather forecast is meant for the next 12 to 24 hours. It will not reflect the current forecast.

History Altitude Record

Press [HISTORY] button, you can view record of history altitude and air pressure record. It will display the most previous record in this mode, then you can press [ALTITUDE/+] or [COMPASS/-] button to forwards or backwards view history record.

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Setting

Press [SET] button, setting item will flash, you can press [ALTITUDE/+] or [COMPASS/-] button to adjust setting, setting items are as following:

24Hr/12Hr—>hour—>minute—>year—>month—>date
—>temperature unit (C/F)—>barometric unit (HPA/inHg/mmHg)
—>altitude unit (M/ FEET)—>exit.

At setting process, it will exit setting automatically if you press [HISTORY] button or don't operate it in ten seconds.

Setting step

- Press and hold [SET] button, 24Hr flash on the top left corner, press [ALTITUDE/+] or [COMPASS/-] button to select 24Hr or 12Hr;
- Press [SET] button, hour digit flash, press [ALTITUDE/+] or [COMPASS/-] button to add or reduce hour digits;
- Press [SET] button, minute digit flash, press [ALTITUDE/+] or [COMPASS/-] button to add or reduce minute digits;
- Press [SET] button, year digit flash, press [ALTITUDE/+] or [COMPASS/-] button to add or reduce year digits;
- Press [SET] button, month digit flash, press [ALTITUDE/+] or [COMPASS/-] button to add or reduce month digits;

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- Press [SET] button, date digit flash, press [ALTITUDE/+] or [COMPASS/-] button to add or reduce date digits;

- Press [SET] button temperature unit °C flash, press [ALTITUDE/+] or [COMPASS/-] button to select °C or °F ;
- Press [SET] button, barometric unit HPA flash, press [ALTITUDE/+] or [COMPASS/-] button to select HPA, inHg or mmHg;

- Press [SET] button, altitude unit M flash, press [ALTITUDE/+] or [COMPASS/-] button to select M or FEET.

- Press [HISTORY] button to confirm and exit the setting, press [SET] button to switch display mode (clock or calendar).

Altimeter

When you first use the altimeter, you should set the current altitude that is the known altitude at the current location. You can obtain the correct altitude from a topographical map or internet weather station

In the altimeter mode, press [SET] and [ALTITUDE/+] at one time, enter the current altitude setting that is the altitude setting at the current location. The altitude value will flash, press [ALTITUDE/+] to increase the reference altitude value, or press [COMPASS/-] to decrease it.

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It can save most 256pcs records, the records' distance are five minutes, and you can change the distance from 1-60 minutes if you press and hold [HISTORY] button for 2 seconds.

Save power design

When you don't want to use the device, you press and hold [SET] button for 5 seconds, the device will stop all display enter into dormancy mode. And then you press any button, it will resume previous display.

Backlight

In any mode, it can give you backlight for 5 seconds that you press any button; and if the backlight is opened, you press any button, it can extend the backlight time for 5 seconds.

Default Value

- fault clock: 0: 00; default display: 24 hours system
- fault date: 2007-1-1; display order is : date-month-year from left to right
- Default temperature unit: °C
- Default baric unit: Hpa
- Default altitude unit: M
- Default history record distance: five minutes

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