MULTIFUNCTIONS DIGITAL COMPASS USER MANUAL

MODEL:ZD-2008

General description:

Your digital compass is using last electromagnetic sensing technology.It is also a combination of clock,stopwatch and thermometer.It is a good device for indoor and outdoor (motoring,boating,camping,hunting and mountaineering).

Functions and technical specifications:

-Compass:accuracy±3 ° ,resolution: 1° .

Display mode:360 ° with 16 arrows to point cardina direction.

-Thermometer:

Accuracy±2℃.

Resolution:1℃.

Temperature format:℃ or °F

Range:from-10℃ to 50℃.or 14 °F to112 °F

-Clock:

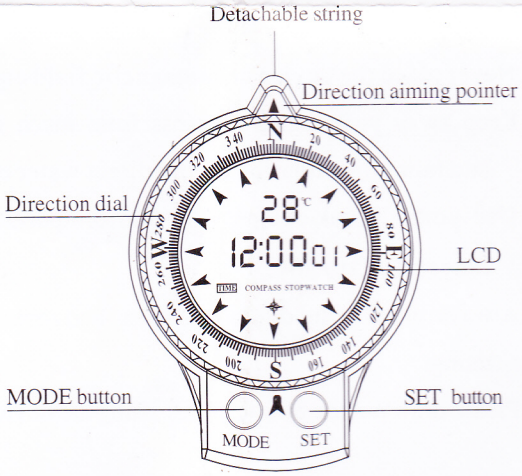
Time format:24H or 12H(AM/PM).

-Stopwatch:

Time:99 minutes.

-LCD display:

Display with LED backlight(blue).



Instruction

Use before :Please draw out the plastic before using the device(Fig 9).

"MODE"button:

switch for time and temperature,compass,stopwatch.

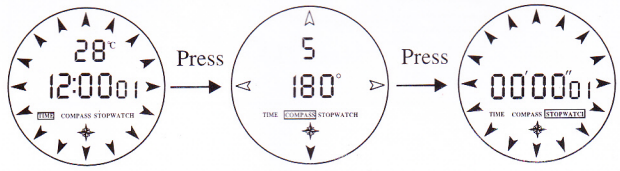


Fig1 Clock/temperature | Fit2 Compass | Fig3 Stopwatch

Clock and temperature mode(Fit 1),compass mode(Fit 2), Stopwatch mode (Fit 3)

" SET" button: Adjust for time , stopwatch /start the compass,/Switch for Celcius(℃)and Fahrenheit(°F).

Operation:

1).Clock and temperature mode(Fig 1,the default mode):

This is a default mode of the device.It will display clock in 24H format and air temperature in Celcius(℃).

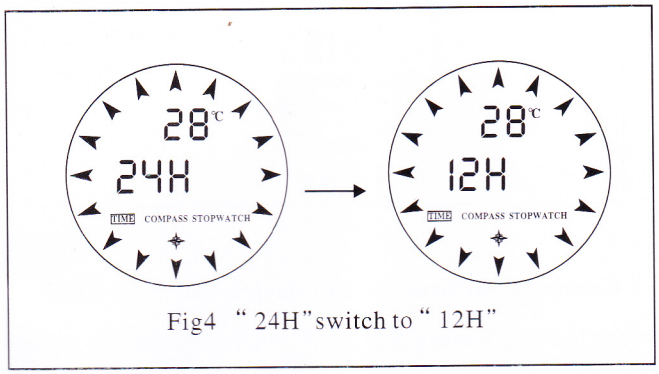


Fig4 " 24H"switch to " 12H"

Clock and temperature setting:

Press the " SET" button three seconds.to start setting. "24H"(the default format)will flash.press the "MODE"button switch to " 12H " (Fig 4);Press the " SET "button,the hour's numeral will flash. Press the " MODE" button to set the hour;Use the same way to set the minute;Press the "SET" button,the" ℃ " will flash.Press the" MODE " button switch to "°F"(Fig 5);At last,press the"SET" button to return.

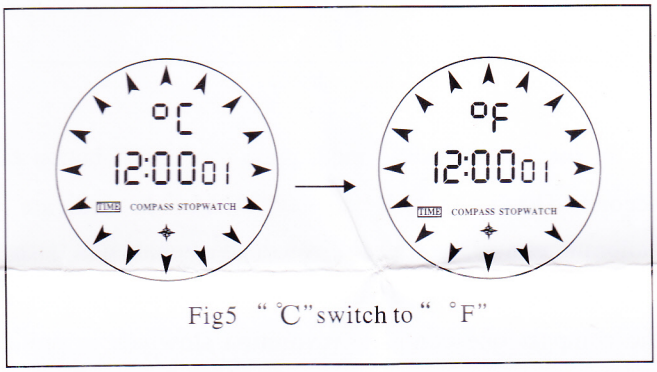


Fig5 " ℃"switch to " °F"

2).Compass mode(Fig 2):

Press the " MODE" button to enter into " COMPASS" mode.But in this case,the compass is not working.It is showing the data of the last time.

You can press the " SET" button to wake up it,the compass will flash.Then the compass is begin to working(Fig 6).The LCD will display the bearing,the arrow of direction,the

offset angle of North.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, the last data will be memorized.Then it will return to " Clock and temperature " mode.

------Notes:1.E=East,S=South,W=West,N=North.

2.It should be parallel with horizontal plane when the compass is working.

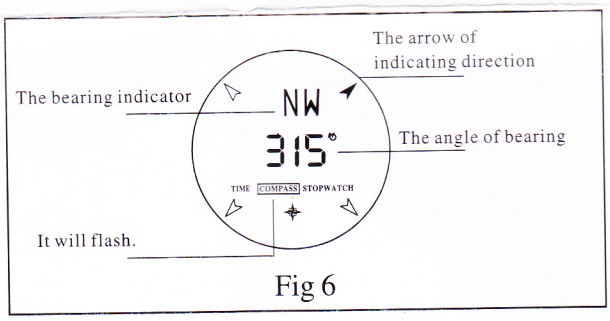


Fig 6

Compass calibration: The device had been calibration before leaving factory.But when you found that the accuracy was bad.Therefore,to obtain better accuracy,you had to re-calibration:

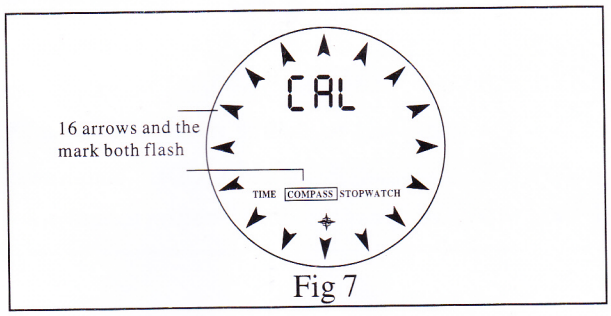


Fig 7

In the " COMPASS " mode,press the " SET" button three seconds.The LCD will display " CAL " to indicate the calibration status,the sixteen arrows and compass will flash(Fig 7).At this time,keep it be parallel with horizontal plane and turn the compass one complete revolution slowly(It is probably easier to turn your boby rather than your hand). Then,you can press the " SET " button to finish calibration,and return to " COMPASS " mode.

3).Stopwatch(Fig 3):

In this mode,you can press the " SET "button to start stopwatch,And you can press the " SET " again to stop stopwatch.Press the " MODE " button to reset.The stopwatch can run for 99 minutes.(Fig 8 is the stopwatch mode display)

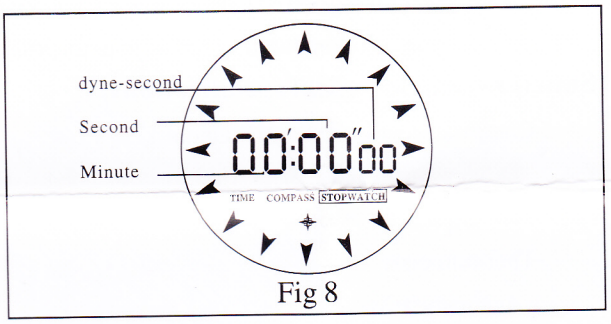


Fig 8

4).Backlight operation:

You can lighten the backlight by pressing " SET " button for three seconds.The backlight light to 10 seconds,then it will be auto-closed for saving power.

Precaution:

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 moiseture and humidity situation.Avoid direct water exposure.

4.Use your digital compass Within temperature range(-10℃ to 50℃).

5.Always place your digital compass horizontally when using.

6.Please draw out the plastic before using the device(Fig 9).

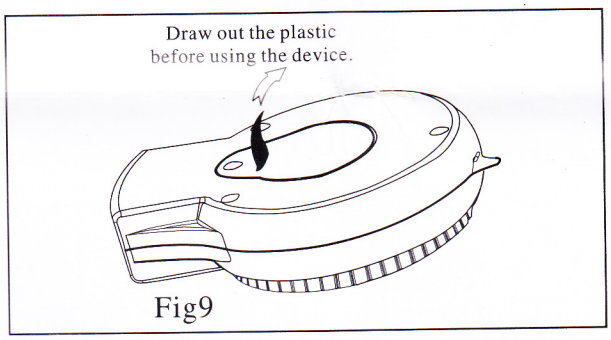


Fig9