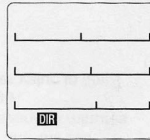




**(D) Direction**

**To look for Compass information:**

- (1) Press "mode" to DIR mode. DIR appears. Press again to exit and switch to "TIME" mode.
- (2) DIR mode includes following functions:
  - (a) Real time direction reading in whole circle bearing or compass bearing
  - (b) Calibration function
- (3) Type of bearing switchable
  - (i) Press "set" and "+" to switch between different types of bearing.
- (4) Calibration
  - (i) In "DIR" mode, Press and hold "set". "CAL" appears.
  - (ii) Turn the unit for 360 degree horizontally.
  - (iii) Press and hold "set" to confirm and exit to real-time compass.
- (5) Sleep mode
  - (i) When the unit is in the compass mode, it starts to measure and update the direction every second for 1 minute.
  - (ii) Afterward the display read "---".
  - (iii) In compass mode, press "set" to reactivate the unit to measure and update the direction every second for 1 minute; or
  - (iv) Press "mode" to exit and re-enter to the DIR mode again.



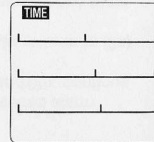
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**(E) Time**

**To look for TIME information:**

- (1) Press "mode" to time mode. TIME shows on the display. Press "mode" again to exit and switch to "CAL" mode.
- (2) TIME mode includes following function:
  - (a) Real time clock
  - (b) Alarm time setting (▲ shows on the display)
  - (c) Timer (count up and count down); ▼ shows on the display

To switch between (a) to (c) one by one, in TIME mode press together "+" and "-" for each switching.
- (3) 12/24switchable
  - (i) Go to (2a).
  - (ii) Press together the "set" and "+" to switch between 12/24 time format.
- (4) Clock Set
  - (i) Go to (2a), press and hold "set". Hour digits flash.
  - (ii) Press "+" or "-" to set hour digits. Press "set" to confirm. Minute digits flash.
  - (iii) Press "+" or "-" to set minute digits. Press and hold "set" to confirm and go back to real time mode. Second digits return to 00.
- (5) Alarm and snooze On/Off
  - (i) Go to (2b), press and hold "set" to get into the alarm mode, Hour digits flash.
  - (ii) Press "+" or "-" to set hour digits. Press "set" to confirm. Minute digits flash.



**(4) Language for Day and Calendar set**

- (i) Go to (2a), "d/m" or "m/d" shows.
  - (ii) Press and hold "set", display shows "E" representing English for day showing.
  - (iii) Press "+" or "-" to select the language. Display show as following: "E" → "D" → "F" → "I" → "S" → "E"
- You can select E for English, D for German, F for French, I for Italian or S for Spanish. They are shown in the language chart below.



Language	Day-of-the-week						
	Mon	Tues	Wed	Thur	Fri	Sat	Sun
English E	Mo	Tu	We	Th	Fr	Sa	Su
German D	Mo	Di	Mi	Do	Fr	Sa	So
French F	Lu	Ma	Me	Je	Ve	Sa	Di
Italian I	Lu	Ma	Me	Gi	Ve	Sa	Do
Spanish S	Lu	Ma	Mi	Ju	Vi	Sa	Do

- (iv) Press "set" to confirm and month digits flash first. Press "+" or "-" to set month. Press "set" to confirm. Then date digits flash.
- (v) Press "+" or "-" to set date. Press and hold "set" to confirm and go back to real time mode.
- (vi) Go to (2b). "yr" shows and 4 places digit shows also.
- (vii) Press and hold "set", the last 2 digits of year flash (the first 2 digits "20" will not flash). Press "+" or "-" to set year from "00" to "59".
- (viii) Press and hold "set" to confirm and go back to real time mode.

- (iii) Press "+" or "-" to set minute digits. Press and hold "set" to confirm.
- (iv) When time is reached, ▲ flashes and beeping sound of alarm will last for 1 minute. Press any key to stop the alarm.
- (v) To get into the alarm with snooze mode, press "set" again, both ▲ & Z' flashes.
- (vi) When time is reached, ▲ flashed and stop it by pressing any key. While Z' start flashing. Snooze will sound for every 5 minutes and repeat for 5 times.
- (vii) Press "set" to cancel both function mode ▲ & Z'.
- (viii) Press "+" and "-" to return to the real time mode.



**(6) Timer Set (23:59:59)**

Go to (2c), "▼" flashes. Time digits "0:00:00" show on the display.

**(7) Count up**

- (i) Press "mode" to start count up.
- (ii) Press "mode" to pause/stop and re-start.
- (iii) May press together "+" and "-" to go to other time mode during counting while the "▼" flashes during counting.

**(8) Count down**

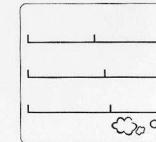
- (i) Press and hold "set". Hour digits flash. Press "+" or "-" to set hour digit. Press "set" to confirm. Minute digits flash.
- (ii) Press "+" or "-" to set minute. Press "set" to confirm. Second digits flash.
- (iii) Press "+" or "-" to set second. Press "set" to confirm.
- (iv) When setting is confirmed, all digit stop flashing and all are set well.

**(G) Weather forecast**

**To look for Weather forecast**

(It will be shown on the display by all time. Includes icons of the following)

- (i) sunny ☀
- (ii) partly cloudy ☁☀
- (iii) cloudy ☁
- (iv) rainy ☁☔
- (v) thunder storm ☁⚡
- (vi) moon and star ★ \* ○

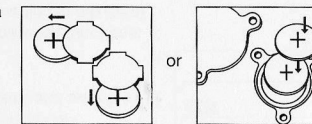


**Backlight**

- (i) Press "B/L" to turn on the backlight.
- (ii) Press again to switch off. Or it will turn off automatically after 10 seconds.

**Battery Replacement**

Turn the Main Unit over. Use a coin or similar opener to open cover. Insert a new batteries (2 x 3 volts "CR2032" size or equivalent) as the direction indicated. Close the cover.

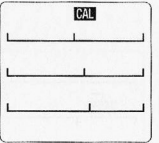


- (v) When all digits are set well. Press "mode" to start count down.
  - (vi) Press "mode" to pause and re-start.
  - (vii) During counting, may press together "+" and "-" to go to other time function and "▼" flashes during count down.
  - (viii) When time is reached, it sounds for 1 minute and digit remain "0:00:00". Or press any key to stop beeping when time is reached.
  - (ix) Press "mode", the last setting will display. Simply press "mode" again to start count down again.
- (9) Timer clear
- (i) In timer "▼" mode, press "mode" to pause counting. Then press "set" to clear. Timer digits return to "0:00:00"

**(F) Calendar**

**To look for CALENDAR information:**

- (1) Press "mode" to CAL mode. CAL will appear.



**(2) CAL mode includes :**

- (a) date and month showing (d/m or m/d) with day
- (b) year showing (2000-2059)

To switch between (a) and (b), press "+" and "-" together.

**(3) Switchable d/m or m/d**

- (i) Go to (2a), press together "set" and "+" to switch between "d/m" or "m/d".



**Maintenance/ Precautions**

- Do not leave the Main Unit exposed to direct sunlight when the unit is not in use.
- Do not disassemble the Main Unit and sensor.
- Check relative position of sensor periodically.
- For cleaning, use neutral detergent on soft cloth, and wipe off later with dry cloth. Do not apply paint thinner, benzine, or alcohol, to avoid damages on the surface.
- If there is mud, sand or clog-like between the button and the body, the movement of the button may be disturbed. Softly wash away such objects with water.

**Specification**

**Air Pressure**

Pressure Range: 300 ~ 1100mb (hPa); 8.85inHg ~ 32.45inHg  
Resolution: 1 mb/hPa; 0.01inHg  
Sensing Time: 15 minutes

**Altitude**

Altitude Range: -700m ~ +9000m; -2296ft ~ +29520ft  
Resolution: 0.1m for -500.0m to 999.9m; otherwise 1m  
Sensing time: 2 sec  
(Sensing time under sleep mode is 15 minutes)

**Temperature**

Temperature range: -10°C ~ +60°C or +14°F ~ +140°F  
Resolution: 0.1°C or 0.1°F  
Sensing Time: 1 min

**Direction**

Range: 0-359°  
Resolution: 1°  
Sensing time: 1 sec for 1 min  
Unit: whole circle bearing, e.g. 255° (or compass bearing e.g. S75°W (=255°))

**HAND HELD  
DIGITAL  
BAROMETER**