Menu structure

Operation	Set time	Set date	Daylight	Set format	Temp unit	Press unit	Disp mode	Disp order	Disp time	Standby	Brightness	Remote	Ext temp	Add on pcb	Altitude	Led test	Reset all	Firmware

Operation
- 00:00:00
- Wednesday
- 2014.01.01
- 25.0C in
- -10.0C ex
- 42.5% RH
- 1013.5hPa
- ^ Good
- ------^--^
- .

Set time
- 00:00:00
- 01:00:00
- 00:01:00
- 00:00:00
- 00:00:01

Set date
- Year: 2014
- Year: 2015
- Month: 01
- Month: 02
- Day: 01
- Day: 02
- Wednesday
- Thursday

Daylight
- Zone: EU
- Zone: USA
- Zone: None

Set format
- YYYY.MM.DD
- DD.MM.YYYY
- MM.DD.YYYY
- YYYY-MM-DD
- DD-MM-YYYY
- MM-DD-YYYY
- YYYY/MM/DD
- DD/MM/YYYY
- MM/DD/YYYY
- DD/MM-YYYY

Temp unit
- Celcius
- Fahrenheit

In this menu the temperatur unit is set for both the internal and external temperature sensor.

Press unit
- hpascal
- mbar
- mmHg

This menu will not be visible if the add on pcb has been disabled in the "Add on pcb" menu.

Disp mode
- Fixed mode
- Shift mode

This menu will not be visible if the Standby display has been selected as display number 2 in the "Disp order" menu. In this case display mode will be set to Fixed mode.

Disp order
01Time	01Weekday
02Weekday	02Date
03Date	03Int temp
04Int temp	04Ext temp
05Ext temp	05Humidity
06Humidity	06Pressure
07Pressure	07Weather
08Weather	08Trend
09Trend	09Standby
10Standby	10Time

This menu is used to select in which the order the different display are shown in the "Operation" menu. Changing the display order is done by swapping displays. Eg. selecting Date as display number 1 will set Time as display number 3.

Displays selected after the Standby display will not be visible in the "Operation" menu. Eg. if display 1 is Time, display 2 is Weekday and display 3 is Standby only Time and Weekday will be shown in the "Operation" menu.

Selecting Standby as display number 1 will reset to default display order.

The displays shown in the "Disp order" menu depends on if the ext temp has been enabled and/or if the "Add on pcb" has been enabled. The are 4 scenarios:

Ext temp disabled and add on pcb disabled. Default display order is:
1: Time
2: Weekday
3: Date
4: Int temp
5: Standby

Ext temp enabled and add on pcb disabled. Default display order is:
1: Time
2: Weekday
3: Date
4: Int temp
5: Ext temp
6: Standby

Ext temp disabled and add on pcb enabled. Default display order is:
1: Time
2: Weekday
3: Date
4: Int temp
5: Humidity
6: Pressure
7: Weather
8: Trend
9: Standby

Ext temp and add on pcb enabled. Default display order is:
1: Time
2: Weekday
3: Date
4: Int temp
5: Ext temp
6: Humidity
7: Pressure
8: Weather
9: Trend
10: Standby

Disp time
01Time	
Show: 10 s	Show: 11 s
02Weekday	
Show: 05 s	Show: 06 s
03Date	
Show: 05 s	Show: 06 s
04Int temp	
Show: 05 s	Show: 06 s
05Ext temp	
Show: 05 s	Show: 06 s
06Humidity	
Show: 05 s	Show: 06 s
07Pressure	
Show: 05 s	Show: 06 s
08Weather	
Show: 05 s	Show: 06 s
09Trend	
Show: 05 s	Show: 06 s

The example above shows how the display time is adjusted if both the ext temp and the add on pcb are enabled and the display order hasn't been changed. The example shows the default display time for all the of the displays 01-09. It is possible to select a display time between 1 sec and 60 sec.

If the Standby display has been selected as display number eg. five, it will only be possible to adjust the display time for the first four displays 01-04. When pressing the enter/center button after display four it will return to the main menu.

Standby
- Led: Off
- Led: On

Brightness
- Level: 15
- Level: 00

Remote
- Learn rem
- Press up
- Repeat
- Error
- Code saved
- Press down
- Repeat
- Error
- Code saved
- Press cent.
- Repeat
- Error
- Code saved
- Press menu
- Repeat
- Error
- Code saved

Ext temp
- Disabled
- Enabled

Add on pcb
- Disabled
- Enabled

If the add on pcb is enabled temperature will be measured via the BMP085 sensor instead of the DS18B20 sensor.

Altitude
- Alt: XXXXm

This menu will not be visible if the add on pcb has been disabled in the "Add on pcb" menu.

Led test

Reset all
- Reset: no
- Reset: yes
- Reboot...:

Toggle power to reboot the led watch. All settings have now been reset.

Firmware
- Main fw
- Version 20
- 2014.11.02
- Add on fw
- Version XX
- YYYY.MM.DD

The firmware information for the add on pcb will not be visible if the add on pcb has been disabled in the "Add on pcb" menu.

*) If "Shift mode" is selected in the "Disp mode" menu, the display will toggle between time, weekday, date, internal temperature, external temperature (if enabled), humidity (if enabled), pressure (if enabled), weather (if enabled) and weather trend (if enabled) according to the selected order in the "Disp order" menu. The standby screen (only one single led on at lowest brightness or all leds off) can only be selected via the remote. The default toggle interval is approx. 10 seconds when the clock is shown and approx. 5 seconds when the weekday, date, internal temperatur, external temperature, humidity, pressure, weather and weather trend are shown.

The weather display can show up to five different kinds of weather types:
- Two arrows up: Unstable (dP/dT >= 250 Pa/h)
- One arrow up: Good (50 Pa/h < dP/dT < 250 Pa/h)
- A vertical line: Stable (-50 Pa/h <= dP/dT <= 50 Pa/h)
- One arrow down: Rainy (-250 Pa/h < dP/dT < -50 Pa/h)
- Two arrows down: Stormy (dP/dT <= -250 Pa/h)

During the first half hour after power has been turned on the weather display will show "No weather" and the trend display will show "No trend".

On the trend display the current weather type will be shown on position 10 on the display. The previous weather type will be shown on position 9 on the display an so on down to position 1 on the display.

The first time the led watch is powered on (or after a reset), it will go directly into the "Remote" menu, where you learn it all the remote IR codes. After this it guides you through the menues "Set time", "Set date", "Set format" and "Daylight". When you have set the time, date, weekday, date format and daylight mode it will enter the "Operation" menu.

The led watch has four optional buttons: Plus, Minus, Enter and Menu (It is not nesseary to connect buttons to the led watch). The led watch is designed to be used togehter with an Apple IR remote, where it uses four remote buttons: Up, Down, Center and Menu. The led watch can be operated entirely by the remote.

The led watch has been designed to automatically adjust the time when the day light saving period changes. It will only do this in the "Operation" menu.

The brightness level can adjusted from 0 to 15. The selected brightness level is stored in the eeprom, so the led watch remembers the brightness level when the power is switched off.

If nesseary it is possible to reset all the settings (time, weekday, date, date format, day light saving zone, temperature unit, pressure unit, display mode, display order, display time, standby led, brightness, remote, external temperature sensor and add on pcb) by holding the menu button down while switching power on or in the the "Reset all" menu.