



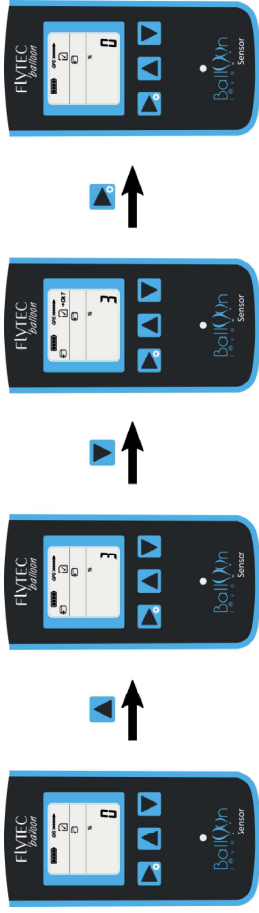





## Starting and stopping a track recording

In memory usage function mode , the Selection up  button starts the track recording immediately if not yet started. The Selection down  button and confirmation with the OK/Mode/config  button stop an active track recording.





## Removing and inserting the SD card

The SD card is accessible from the rear side of the device by unfastening the SD card cover screw  and removing the SD card cover . The SD card  is released from the socket by gently pushing it upwards until a light click can be heard and then removed by pulling it out downwards.



Inserting the SD card is done in the opposite order by pushing it up into the SD card socket with the SD card label visible until a light click can be heard.

## Bluetooth connections

Device name (xxxxx = S/N)	Purpose
BLS xxxxx 	Exclusive BLE connection for Balloon Live App. Connection initiated from app: <i>Configuration</i> → <i>GPS configuration</i> → Select GPS type <i>Balloon Live Sensor</i> → <i>Select BLS Device</i> → <i>Connect</i>
Balloon Live Sensor xxxxx 	Up to 3 Bluetooth serial connections for NMEA data. Pairing initiated from PC, no PIN required.

## Troubleshooting

For any kind of questions, the FAQ on the homepage and the user manual should be consulted first, before trying to get in touch with support (which is provided by volunteers).

## Quick Reference

### Important Links

Website / FAQ:

<https://balloonlive.org>

















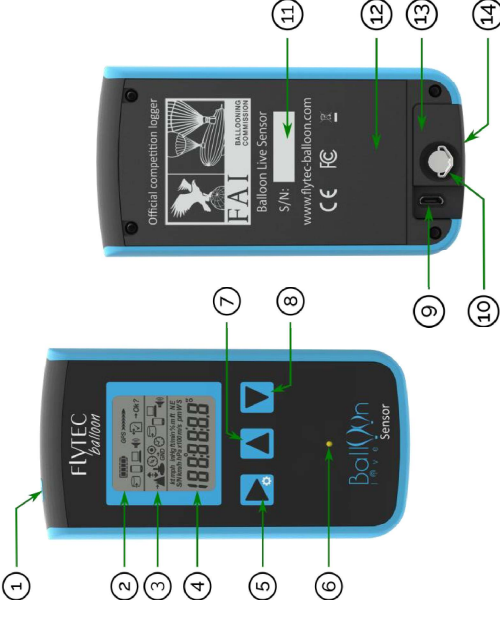
Downloads:

<https://balloonlive.org/downloads/>




## Device Overview

No	Description
	On/Off Button (on top side)
	Status icon bar
	Function mode icon bar
	Value display
	OK/Mode/config button
	Buzzer
	Selection up button
	Selection down button
	Micro USB socket
	SD card cover screw
	Serial number
	Velcro pad
	SD card cover
	SD card (below cover)



## Charging the built-in battery

To charge the battery, a micro USB cable must be inserted into the socket  on the rear side of the Balloon Live Sensor. Alternatively, a USB-C cable can be used with the included micro USB to USB-C adapter. Any USB power source can be used. While the battery is charged, the battery status indicator will keep moving. The battery is fully charged when all segments of the battery status indicator are visible without any further movement.



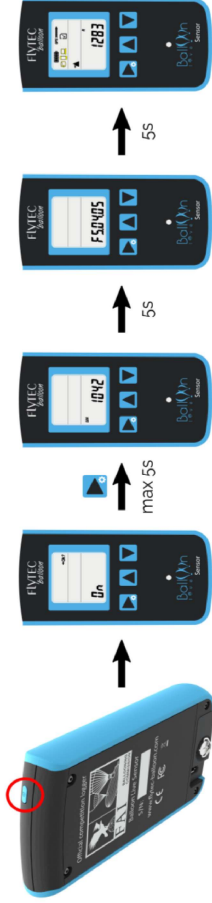
## Display symbols

Status icon bar	
	Battery status
	GPS status
	Track recording
	Balloon Live App connection
	Bluetooth serial connection
	Acoustic variometer indicator
	SD card inserted status
	Confirmation request

Function mode bar	
	Altimeter
	Variometer
	Barometric pressure
	Ground speed
	GPS location
	Clock
	Memory usage
	Audio settings

## Turning on

The Balloon Live Sensor is turned on by shortly pressing the On/Off button ① on the top of the device and confirming with the OK/mode/config button ②.



## Turning off

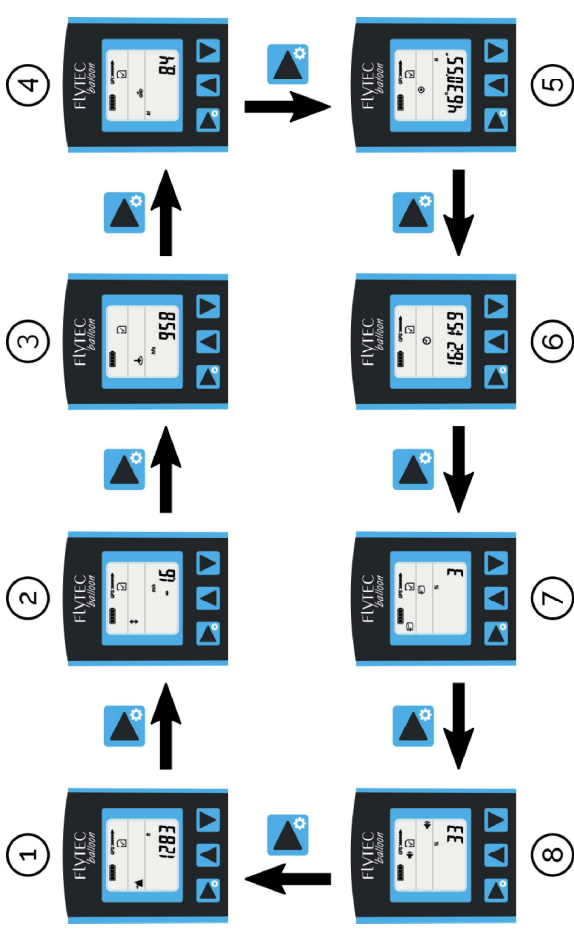
The Balloon Live Sensor is turned off by shortly pressing the On/Off button ① on the top of the device and confirming with the OK/mode/config button ②.



## Function mode switching

The Balloon Live Sensor can be switched through the following function modes by pressing the OK/mode/config button shortly once or multiple times:

① Altimeter → ② Variometer → ③ Barometric pressure → ④ Ground speed → ⑤ GPS location → ⑥ Clock → ⑦ Memory usage → ⑧ Audio settings



## Display unit switching

For most function modes it is possible to switch the measuring unit of the displayed value by pressing the Selection up button or the Selection down button. In the GPS location function mode, the buttons switch between latitude and longitude, in the Audio settings function mode the buttons modify the volume of the acoustic variometer function. The memory usage function mode does not provide any unit switching function.

## Adjusting altitude/QNH/time zone

In their appropriate function modes, the barometric altitude, the QNH, or the current time zone can be adjusted by long pressing the OK/mode/config button for about 3s and then using the Selection up button or the Selection down button. Correct values need to be confirmed with the OK/mode/config button.

Adjusting the local altitude also adjusts the QNH and vice versa. When connected to the Balloon Live App, these settings will be synchronized with the flight settings in the app.