

## Step-by-step instructions

### Unboxing

Your Airo comes with a new battery, which is packaged separately to conserve power. Please follow the instructions below to install it.

### Buttons

Two buttons control the Airo user interface:



Left button (up) — Press and hold to show the main menu, select menu items, or move to the next field. Click to browse menus up, increase numeric values, or change field values.



Right button (down) — Press and hold while on the ground screen to toggle backlight. Click to browse menus down, decrease numeric values, or change field values.

When entering information on a screen, you'll need to confirm whether to save the data. The prompt at the bottom initially shows EDIT. Clicking the left and right buttons cycles through the options: EDIT, EXIT, and SAVE.

- EDIT - remain on the current screen, go back to the first information to be entered
- EXIT - leave the current screen without saving the possibly changed information
- SAVE - leave the current screen saving the information shown

### Backlight

The altimeter display can be lighted up in case of sunset or night jumps. The backlight function can be turned on by holding down the right button while on the ground, on the way to altitude, or under the open canopy (a lamp icon will be shown on the display to confirm that the backlight function is active). On the ground or climbing to altitude, the backlight will turn off after a while until a button is pressed or starting a freefall. Backlight will stay on under the open canopy. The backlight function is automatically turned off at the end of the jump.

## First setup

Once you insert a battery the Airo will ask you to confirm date and time (see below). It also has a preset configuration that we suggest you to check, so you will know that your Airo is correctly configured according to your preferences. See below about setting display preferences.

## The main screen

The display of the Airo is always on, showing the current date and time, the measurement units setting, and the battery status while on the ground.



After take off, the display will automatically change, showing the current time and altitude, and the duration of flight.



During the jump and under the canopy the only information shown is the current altitude.



## The main menu

It's the screen that gives access to the main Airo functions. Use the up and down buttons to highlight the desired function, and press and hold the up button to select it. Functions are:

- Information about last jump
- Airo configuration menu
- Training mode
- Unit information
- Manually switch the unit off



## The configuration menu

Airo can be configured to match your needs. Is it then possible to:

- Setup an altitude offset in case take off and drop zones at at different altitudes
- Set up the display
- Activate the automatic shut off of the altimeter
- Set the exit and pull altitudes for the training mode
- Set up the clock



## Altitude offset

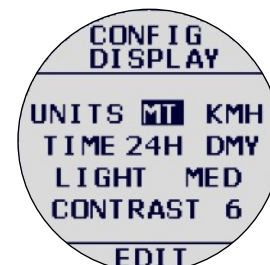
When the take off and drop zones are at different altitudes it is possible to set an altitude offset so that the altitude shown on the Airo will be referred to the drop zone. An arrow on the left of the number will indicate that the altitude of the drop zone is above or below the take off place. Once the required altitude offset the setting needs to be confirmed selecting SAVE at the bottom. Altitude offset range is  $\pm 1500$  meters with 10 meters increments, or  $\pm 5000$  feet, with 25 feet increments.



## Display configuration

Some features can be easily customized in this screen.

- Altitude measurement units (meters/feet)
- Speed measurement units (km/h or MPH)
- Time display (24 hours or AM/PM)
- Date display (day/month or month/day)
- Backlight intensity (3 levels)
- Display contrast



The setting needs to be confirmed selecting SAVE at the bottom.

## Automatic shut off

By default setting, Airo will automatically turn off after 14 hours if on the ground. This feature can be disabled in this screen by selecting NO and saving the setting.



## Training altitudes

Altitudes can be set between 1000 and 4500 meters, with 50 meters increments, or between 3000 and 14000 feet, with 100 feet increments.



## Configuring the clock

You can set date and time in a format according to the setting selected in the display configuration.



## Training mode

A useful function to train student to use a digital altimeter since the beginning. Training mode simulates an average freefall rate and a slow canopy rate, so a student can simulate the timing of the jump, and react accordingly. The simulation starts at the altitude set in configuration by pressing a button, ending on the ground. Simulation can be:

- Paused and resumed by pressing the right button
- Restarted at the exit altitude set by pressing the left button
- Interrupted by holding the left button, returning to the main screen

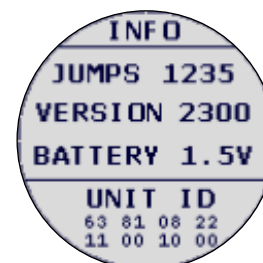
The SIM icon will indicate that the instrument is in simulation mode



**⚠ WARNING: Do not load an aircraft while the Airo is in simulation mode!**

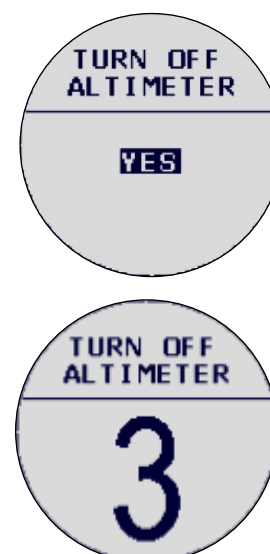
## Altimeter information

You can get useful information about the altimeter, like the total jumps made by the Airo (can't be reset), the firmware version, the battery voltage, and the unit identification number.



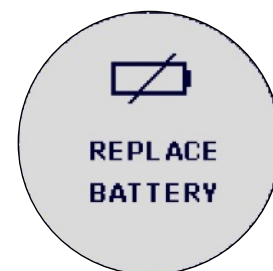
## Turning off


The Airo turns itself off automatically while on the ground after 14 hours to preserve power. This feature can be disabled in the configuration menu. You can also manually turn off the altimeter through the main menu (for example before boarding a commercial flight). When doing so, the altimeter will ask for confirmation (change NO to YES by clicking a button, then hold the left key to confirm). A 5-seconds countdown will begin, which can be interrupted by pressing any button. The altimeter will turn off when the countdown ends.



## Low battery

When necessary, the Airo will advise about the necessity of a battery change. The screen will show a message that will stay on the display until a button is pressed. After that, the battery icon at the top of the display will start flashing. The battery change advice will be shown on the ground only.





 When the low battery screen shows up, press a button to close it and replace the battery as soon as possible, before the next jump.

## Replacing the battery

It is strongly suggested to replace the battery in a quiet place, on a clean surface. This will prevent losing the battery compartment screws or making mistakes in inserting the battery.


1. Remove the 3 screws on the back of the Airo and put them on side
2. Remove the battery compartment
3. Remove the used battery and dispose it according to the rules in your Country
4. Install a new battery taking care of the polarity (the long spring in the battery compartment is the negative side of the battery): the Airo will beep to confirm the correct battery insertion, but won't turn on
5. Push a button to wake the altimeter up, and set the current date and time

 Remember that after inserting a new battery the Airo is not functional! Press a button after replacing the battery to wake it up and set the current date and time.

 **WARNING:** Do not use the Airo when the screen is off—the device will not be operational. If you need to use the altimeter and the screen is off, activate it by clicking any button while ON THE GROUND, as the ground reference will be acquired when turned on.

## Manual altitude reset

There are cases when the altimeter might not return showing the clock while on the ground, still showing an altitude. This might happen for example if you drive thru steep hills or mountains. In this case you can manually reset the ground altitude: repeatedly click the left button until the Airo will show the clock.

 If the Airo is not showing the clock while on the ground, the automatic turn off feature will not be active, and it will therefore stay on for a long time, reducing the life of the battery.

## Features

- Digital skydiving altimeter with 1.4" backlighted graphical display
- Lightweight
- Comfortable
- Accurate
- Robust
- Modern
- Reliable
- Common battery (1 x AAA)
- Water resistant
- Altitude range: 0-33,000 ft. (0-10.000 meters)
- Temperature range: -25 .. +70 °C (-13 .. +70 °F)
- Auto shut off (configurable)
- Configurable units
- Clock function
- Training function with user setting of exit and pull altitudes
- Stores data about last jump (exit and pull altitudes, freefall time, average speed, jumps in the day)
- Dropzone offset correction
- No power on, no calibration required, manual reset allowed
- Hard nylon shock-proof case
- Statistics about last jump: exit altitude, pull altitude, freefall time
- Meters or feet
- Configuration information preserved when changing the battery
- Drop zone offset can be set up to 1500 meters (5000 feet) above or below the airport
- Battery status indicator
- Size: 58 x 58 x 15 mm