



**FLYMASTER**

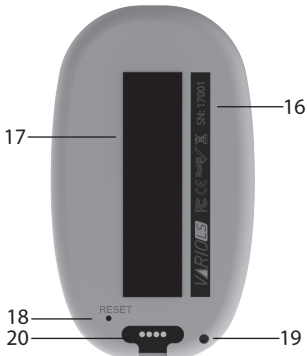
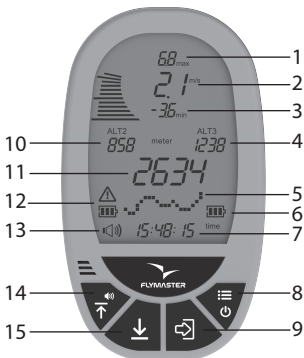
*VARIO*LS

*Vario. Light. Simple.*

**ENG**

QUICK START GUIDE

v 1.1



**The instrument:**

- 1 - Max. climb rate
- 2 - Vario
- 3 - Max. sink rate
- 4 - Altimeter 3
- 5 - Graphic/Menus/Info
- 6 - Battery level
- 7 - Clock / Flight time
- 8 - Power/Menu
- 9 - Enter
- 10 - Altimeter 2
- 11 - Altimeter 1
- 12 - Low battery
- 13 - Volume level
- 14 - Up/Volume
- 15 - Down/Reset Alt 3
- 16 - Serial number
- 17 - Velcro
- 18 - Reset
- 19 - Lanyard hole
- 20 - USB connector

## Keys:

**Up/Audio:** Up key to navigate in the settings and input values / Adjust the volume.

**Down/Reset ALT 3:** Down key to navigate in the settings and input values.

**Enter:** Enter key to select/enter any desired function or setting.

**Power/Menu:** Power On/Off the instrument. / Menu key.

## Basic operation:

**1-Power VarioLS ON:** Press **Power/Menu** key, then press **Enter** key to confirm.

**2 - Setting the clock:** Press **Power/Menu** key, press **UP** or **DOWN** key until **TIME** appears on the display. Press **ENTER** to accept the value or use **UP** and **Down** to change value.

**3 - Setting the altimeters:** Press **Power/Menu** key, press **UP** or **DOWN** key until **ALTI** appears on the display. Press **ENTER** to change between ALT1, ALT2, or ALT3. Use **UP** and **DOWN** keys to change value, and press **ENTER** to accept.

**4 - Changing units :** Press **Power/Menu** key, press **UP** or **DOWN** key until **UNIT** appears on the display. Use **UP** and **DOWN** keys to change value between meter or feet, and press **ENTER** to accept.

**5 - Adjust the speaker volume :** On the main screen, press **up/volume** key to change the speaker volume, from mute to maximum volume.

**6 - Power the VarioLS OFF :** Press **Power/Menu** key, press **UP** or **DOWN** key until **OFF** appears on the display. Press **ENTER** key to turn the Vario LS OFF.

**7 - Restore the VarioLS to factory defaults:** Press **Power/Menu** key, press **UP** or **DOWN** key until **REST** appears on the display. Press **ENTER** key to restore the VarioLS to factory defaults.

## Display layout:

**Max. climb rate:** This value indicates the maximum climb rate achieved during the current flight

**Vario:** This value indicates the instant climb/sink ratio.

**Max. sink rate:** This value indicates the maximum sink rate achieved during the current flight.

**Altimeter 1:** Can be used as main altimeter (can be used as ASL altitude).

**Altimeter 2:** Second altimeter (can be used as an altimeter of any desired reference)

**Altimeter 3:** Third altimeter (can be used as an altimeter of any desired reference)

**Graphic/Menus/Info:** This field can show either the altitude graph during the flight, the options menu or any other info.

**Battery level:** This indicates the 3 level battery state (full, medium, low)

**Low bat. -** This indicates that the battery entered in a "reserve" state. Also have a 3 level indicator.

**Audio level:** This indicates the volume level of the VarioLS speaker (Mute, Low, Medium, High).

**Clock/Flight time:** This can be used either as a clock or as "flight time" indicator.

## Basic operation:

**8-Reset the Vario LS:** Insert a paper clip into the dedicated hole on the back of the vario LS. Do not over press the clip and do not use any sharp tip tool.

## 9 - Updating the Vario LS firmware

**1** - Go to Flymaster website and under the Downloads area, download the Designer software.

**2** - Install and run the Designer Software.

**3** - With the Designer running , turn ON the Vario LS. Connect it to your computer via the supplied USB cable.

The Designer will detect the instrument, and if there is any new firmware available, will prompt you to install it in your Vario LS.

## Functions:

**OFF** - Shutdown VarioLS

**ALTI** - Altimeters settings

**CLTH** - Vario climb Threshold

**SKTH** - Vario Sink Threshold

**SKAL** - Vario Sink Alarm

**INTG** - Vario integration time

**FRE** - Vario base frequency

**INCR** - Vario Increments

**DAMP** - Vario Damper

**CADE** - Vario Cadence

**BUZZ** - Vario buzzer level

**CTRS** - Display contrast ratio

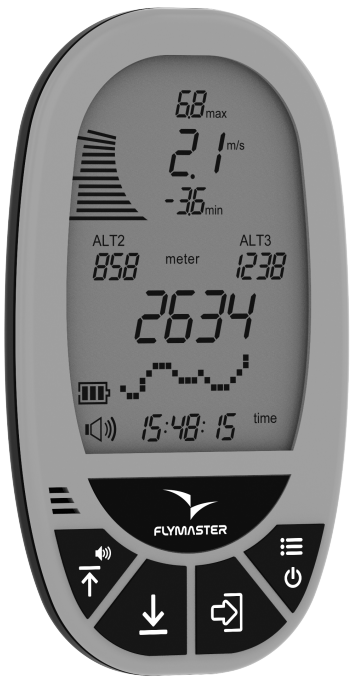
**ATSL** - Auto-silent on/off

**UNIT** - Units

**DATE** - Date

**TIME** - Time

**REST** - Restore to factory defaults



68<sub>max</sub>



21<sup>m/s</sup>

-36<sub>min</sub>

ALT2

858

meter

ALT3

1238

2634



15:48:15

time

