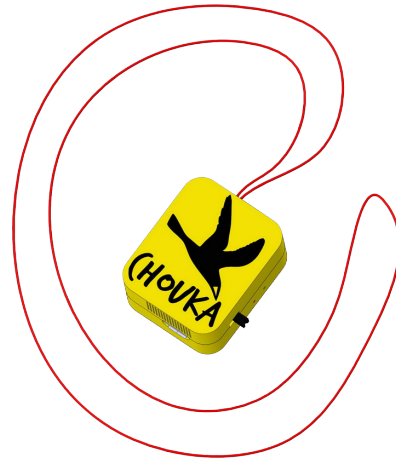


LE (HOVKA A

Made in French Alps
by INOVALTI

ACOUSTIC VARIOMETER

- ▶ Thermal
> +0.8 m/s (+2.6 ft/s)
- ▶ Near-thermal
from -0.2 m/s (-0.6 ft/s) to +0.8 m/s (+2.6 ft/s)
- ▶ Fast-descent alarm
< -5 m/s (-16 ft/s)



ULTRALIGHT

- ▶ The most compact and lightest variometer available
- ▶ 13 g (0.45 oz)
- ▶ 32 x 25 x 16 mm (1.3 x 1 x 0.6 in)

HANDY

- ▶ Rechargeable battery (USB)
- ▶ 40h of autonomy in thermal
- ▶ Velcro attachment & lanyard for mounting on helmet, cockpit, harness, risers, etc.



ACCURATE

- ▶ 15 cm/s sensitivity
- ▶ Tone pitch and frequency variations depending on the vertical speed

USER MANUAL

LE (HOVKA A

by INOVALTI



INCLUDED

- ▶ 1 x (HOVKA variometer
 - 1 Micro-USB port
 - 2 ON/OFF switch
 - 3 Charge in progress LED (red)
 - 4 Fully charged LED (green)
 - 5 Lanyard
 - 6 Velcro attachment (variometer side)
- ▶ 1 x Velcro attachment (helmet side)
- ▶ 1 x Micro-USB cable (optional)

BATTERY

- ▶ Uses a micro-USB cable
- ▶ Red LED: charge in progress
- ▶ Green LED: fully charged
- ▶ Full charge: 3h
- ▶ Battery capacity: 40h
- ▶ Low battery beep: ~4h before auto shut-down

POWER ON BEEP

Before taking off, the near-thermal beep is disabled.

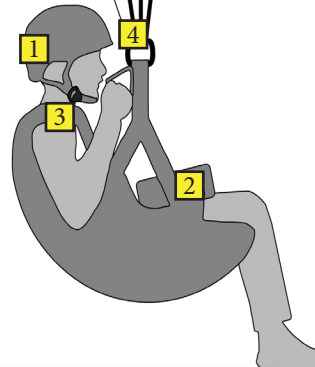
So as not to forget to power OFF the variometer if not taking off, it beeps every 3 minutes.

FLY

m/s	ft/s	beeps/s	pitch	mode
+8	+26.2	7 beeps/s		
+4	+13.1	4 beeps/s	high	thermal
+2	+6.6	3 beeps/s		
+1	+3.3	1 beep/s		
+0.8	+2.6			
		1 beep/s	low	«near-thermal»
-0.2	-0.6			
		1 long beep/s	low	normal descent
-5	-16			
				fast descent

FASTENING

- ▶ Lanyard : **always** use the lanyard to secure the (HOVKA (lark's head knot, see diagram)
- ▶ Velcro attachment : use it to fasten the (HOVKA

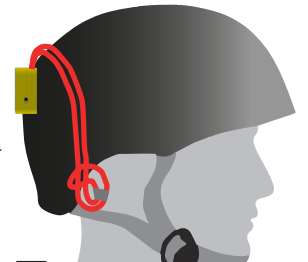


- 1 HELMET (SEE DIAGRAM)**
Velcro attachment **on the back of the helmet** (equal sound in both ears and limitation of relative wind variations when the pilot turns their head)

- 2 COCKPIT**
Vent holes oriented toward the pilot for a better sound

- 3 HARNESS**

- 4 RISERS**
Shorten the (HOVKA lanyard with a knot and fasten it with a lark's head knot



1 Helmet Velcro mount

Notes: INOVALTI will not be held responsible for any damages or injuries resulting from a incorrect use or the failure to comply with the points below (non-exhaustive list):

- The CHOUKA is meant to be used as an aid for free flight sports. It is neither a navigational instrument nor a safety instrument. Its reliability is not guaranteed. VFR rules and legislation must be respected. Only a qualified pilot may use it.
- Always use the lanyard to secure the CHOUKA so that it cannot fall from height. The Velcro attachment on its own is not enough.
- Do not expose the CHOUKA to temperatures above 50°C (120°F). Avoid leaving it in the sun on a take-off area or in the car. Such temperatures could damage the device, or cause a lithium-polymer battery fire or explosion.
- During long periods of storage, keep the CHOUKA battery charged to improve its lifetime.
- Do not open the CHOUKA. This would void the warranty.
- The CHOUKA conforms to applicable CE marking directives.
- Do not dispose of in household waste. It must be recycled at a suitable collection site (2012/19/EU directive within EU).
- Not suitable for children under the age of flying autonomously.
- If water gets inside your CHOUKA, let it dry completely before turning on.
- Do not charge the battery with anything else than a 5V, 500mA micro-USB cable.
- Information in this document is subject to change without notice.