



## 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)



## HANDY

- Rechargeable battery (USB)
- 40h of autonomy in thermal
- Velcro attachment & lanyard for mounting on helmet, cockpit, harness, risers, etc.
- Switch easy to trigger with gloves



## 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)



## ACCURATE

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

# USER MANUAL



## INCLUDED

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

## BATTERY

- Charge with 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

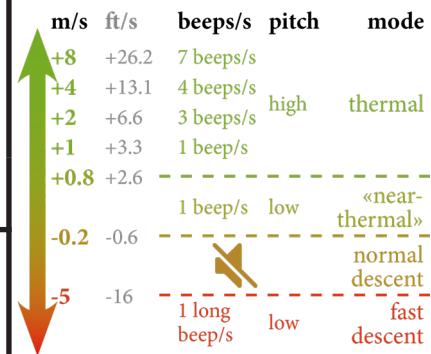
### POWER ON BEEP

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.

## FASTENING

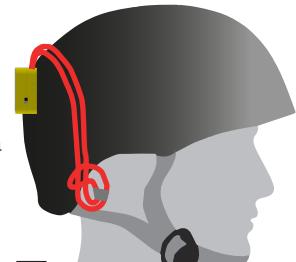
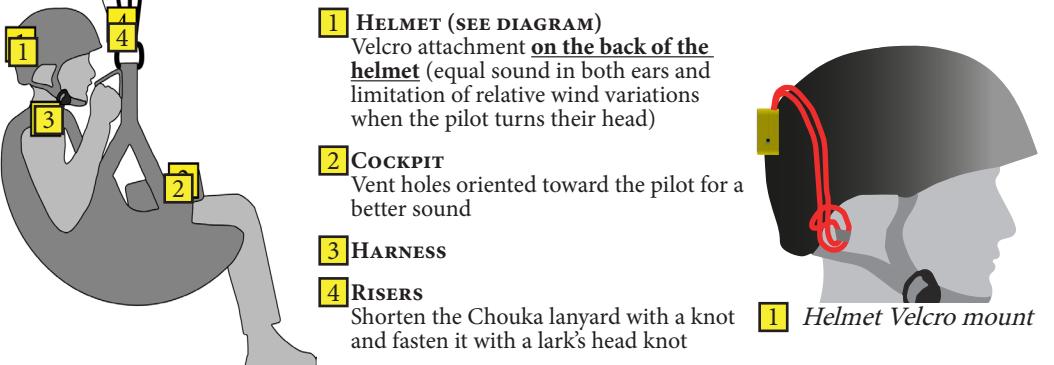
- Lanyard : always use the lanyard to secure the Chouka (lark's head knot, see diagram)
- Velcro attachment : use it to fasten the Chouka

## FLY



### 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)



1 Helmet Velcro mount

Notes: Chouka will not be held responsible for any damages or injuries resulting from an 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 USB cable.
- Information in this document is subject to change without notice.