

Microvario

Owner's Manual

Getting Started

Initial Setup

Mounting

The Microvario comes with an adhesive Velcro strip to allow for mounting on a helmet. It is recommended that you position the Velcro such that it does not obscure the profile selection dial.

After cleaning your helmet thoroughly and allowing to dry, apply the Velcro to your helmet and rub to ensure there is a tight bond. To use, loop the lanyard through one of your helmet straps and attach the vario to your helmet.

If you purchased a harness/flanged mount, you will need to remove the standard mount before using. Use a Phillips screwdriver to remove the two screws on the back of the case and attach the flanged mount.

Decal

Your Microvario comes with a decal that summarizes the profile groups or settings available. Depending on how you intend to mount or wear the device, you may decide to choose a different location for the decal.

It is designed to be able to be mounted on the side or back of the device.

Operating Instructions

Flight Profiles

Flight profiles allow you to adjust your Microvario based on the current conditions and your personal preferences. By adjusting the threshold at which an audio response is triggered, the vario will be able to provide more useful feedback in various conditions.

Selecting a Profile

To select a profile, simply use a small flat-head screwdriver and adjust the dial so the arrow points towards the profile you would like to select.

The flight profiles are grouped first by response time. The "faster response" group provides a faster, more sensitive response. The "smoother response" uses averaging to create a smoother response.

Tone Bands

The Microvario has three distinct tone bands: A lift band when you are in light or no lift, a climb band when you are in stronger lift and a sink band when you are in sink. Each tone band has a recognizable sound so you can easily recognize the difference during a flight.

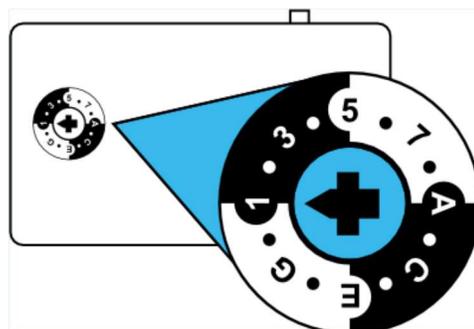
Disabling the Lift Band

If you find the Microvario to be too chatty, you can disable the lift band by selecting profile 1, 5, A or E.

Profile Groups

	Light Conditions				Active Conditions			
Quicker Response	1	2	3	4	5	6	7	8
Smoother Response	A	B	C	D	E	F	G	H

Profile groups 1-8 offer a quicker audio response, while groups A-H offer a smoother response. These are not hard and fast rules, but general guidelines. Feel free to experiment!



Visualization of profile selector dial.
Flight profile "1" is currently selected.

Flight Profile Details

Faster Response

CM/second

CLIMB THRESHOLD	+10				+20			
LIFT THRESHOLD	+10	-30	-90	-130	+20	-20	-80	-120
SINK THRESHOLD	-250				-250			
VARIO SOUNDS	less			more	less			more
FLIGHT PROFILE	1	2	3	4	5	6	7	8
	lighter conditions				stronger conditions			

Smoother Response

CM/second

CLIMB THRESHOLD	+10				+20			
LIFT THRESHOLD	+10	-30	-90	-130	+20	-20	-80	-120
SINK THRESHOLD	-400				-400			
VARIO SOUNDS	less			more	less			more
FLIGHT PROFILE	A	B	C	D	E	F	G	H
	lighter conditions				stronger conditions			

Care & Maintenance

Basic Care

When you are done flying, store your Microvario indoors in a dry place. If the device comes in contact with water, turn it off and allow it to dry overnight before turning it on again.

Changing the battery

1. To change the battery, use a Phillips head screwdriver to remove the 4 screws on the back of the case. Carefully remove the back of the case and set it aside.
2. Locate the two screws holding the circuit board in place. Remove the screws and set them in a safe place.
3. The circuit board is attached to the speaker, so gently lift the board out enough to access the battery holder.
4. Remove the old battery and replace the new battery, keeping the positive of the battery towards to top of the battery holder.

WARNING: Inserting the battery backwards will damage your Microvario.

