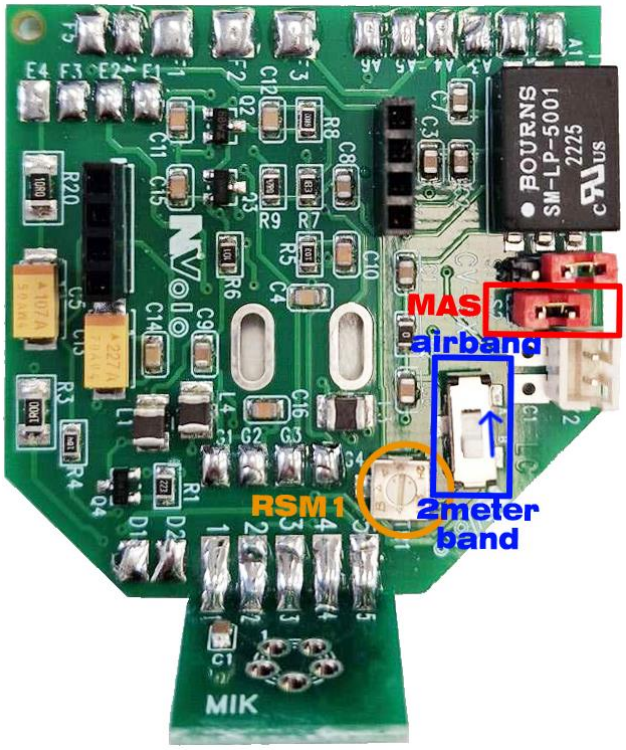
INSTRUCTIONS FOR HEADSETS

All headsets already have a standard adjustment; however, adjustment may be customised by opening the headset and acting on the motherboard.

CUSTOMISED ADJUSTMENT

To regulate headsets, open the left headset (where there is the microphone) by removing the black earmuff pads; since they are snap-fit, just pull to detach them.

The left headset will have this board:



1. RSM1 **ADJUSTMENT OF THE AERONAUTICAL BAND MICROPHONE SENSITIVITY**

This adjustment is intended to set the microphone sensitivity according to your aircraft and preferences.
The microphone sensitivity increases clockwise.
ATTENTION: regulate the trimmer by using a very small screwdriver and gently provide for millimetric adjustments (just by a few "minutes") since it is very sensitive, then retest the headset in the air and repeat the operation if necessary.

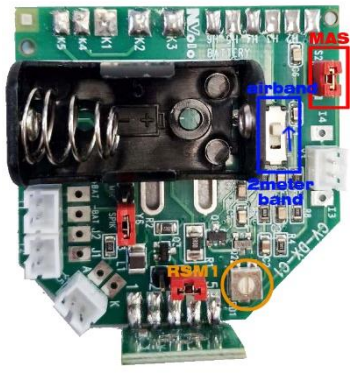
2. airband-2 meterband

LPD/PMR OR AERONAUTICAL SYSTEM SELECTOR

This selector enables the operator to switch from the 2meterband (LPD/PMR) to the aeronautical band; just move this selector and change the cable to switch from a radio type to the other one.

3. MAS COMBINED / SEPARATE MASSES

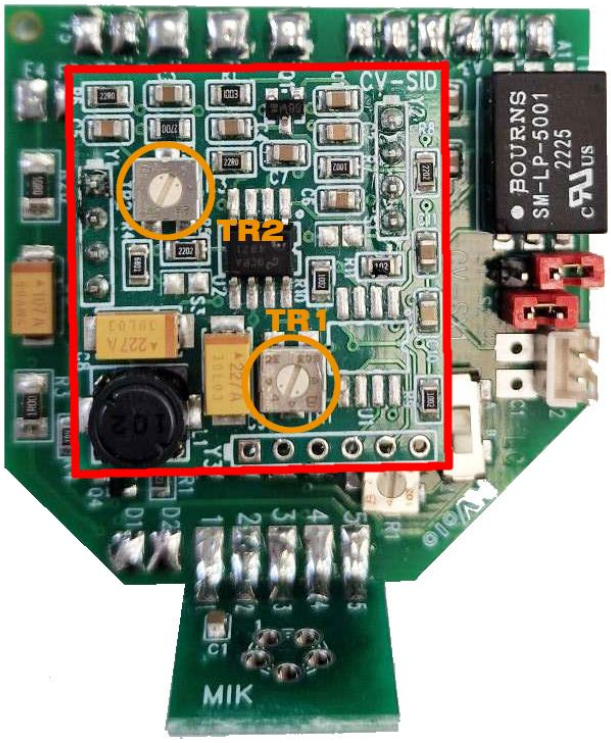
This jumper enables the operator to use these headsets even with panel radios with separate masses.
If the red jumper is inserted just as in the picture, the setting is for combined masses (almost all portable radios); if the red jumper is removed, the setting is for separate masses (some portable radios and panel radios)



In the headsets with double radio system (polyvalent) the right headset accommodates another board that has the same adjustments as the left one so that the adjustments of both radios can be made independently.
(RSM1, airband-2 meterband, MAS)

INSTRUCTIONS FOR HEADSETS

SIDETONE



The board in the red box manages the SIDETONE; the main features are listed here below:

- to power on the sidetone, press the switch with the green led on the right headset
- it has the vox, which means that it is activated by the voice; if there is no conversation, it goes in standby and as soon as conversation starts, it is re-activated
(The VOX can be deactivated so as to keep it always active→turn TR1 completely clockwise)
- it has a power supply battery inside the right headset of the type ½ AA 3.6V ER14250, not rechargeable; when the battery is flat, it must be replaced.

ATTENTION:
- the battery has a long life, but don't forget to power off the device after using it; the led must be off
- it can be replaced by a rechargeable battery having the same features
- if the VOX is excluded, the battery life will be considerably shorter.

1. **TR1** ADJUSTMENT OF THE SIDETONE ACTIVATION LEVEL

This adjustment is intended to change the voice level thanks to which the sidetone is activated.
ATTENTION: headsets are set up for flying when activation is supported not only by the voice, but also by the noise of the engine; it is therefore normal that it can be hardly activated on the ground.
The activation level increases clockwise.

2. **TR2** ADJUSTMENT OF THE SIDETONE SENSITIVITY AND VOLUME

This adjustment is intended to change the sidetone sensitivity.
The higher the sidetone sensitivity, the more sounds the sidetone will transmit at a higher volume. The right adjustment is the one that can filter interference noises and let the voice pass clearly.
Sensitivity increases clockwise.

TROUBLESHOOTING:

ISSUE	SOLUTION
the sidetone is activated in the air with no conversation	adjust on TR1 counterclockwise
the sidetone is not activated in the air even with conversation	adjust on TR1 clockwise
the sidetone is always active in the air	adjust on TR1 counterclockwise
when the vox is activated, the voice is not clear or disrupted by background noises	adjust on TR2 counterclockwise
the sidetone level in the headset is low	adjust on TR2 clockwise to increase
if the sidetone is jerky	replace the battery