



HEADSET USER INFORMATION

Putting on the Headset

- The seals of the defenders should fit on the side of the head. They (the seals) should not press on any part of the ear.
- The headband should pass over the top of the head such that the side wires attached to the defenders are vertical.
- There is provision for vertical adjustment of the defenders by sliding up or down the side wires. After adjustment ensure that both sides are symmetrical for maximum comfort.
- Ideally, nothing should come between the seals and the side of the head.
- Balaclavas, thick bushy hair, spectacles with thick side temples and caps will all allow the ingress of ambient noise. This will cause the wearer to turn up the volume to compensate, effectively degrading the signal to noise ratio.
- If caps are worn they are best worn over the headset for the above reason.

Positioning the Mike

- Ensure that the mike is situated centrally on the same level as your lips and about 5mm (1/4") away from them. (You should just be able to touch the mike foam with puckered lips). The mike boom can be bent to achieve the above.
- There is a degree of torsional adjustment in the mike boom so ensure that the mike is facing the mouth. You can feel the mike through the foam windshield.

Volume Control

The volume control, situated at the centre, L/H side defender, affects the volume of what **you** hear from **your** speakers. It does not affect the volume of what your passenger hears (he/she has his/her own volume control) nor does it affect your voice over any radio transmissions you make. **In other words it has no effect on the output of your mike.**

The volume can be set between off (fully anti-clockwise) to maximum (fully clockwise) Even set to "off" your voice will still be heard by the passenger/radio (naturally, you won't be able to hear anything!)

Setting the Headset Volume

- Start with the volume OFF.
- Gradually turn it up until you hear your passenger comfortably.
- Solo flyers with radio should set the volume to about ¼.
- Too much signal is just as harmful as too much noise.

Your brain knows the difference but your ears don't.

The headset has been designed to be quiet and you should aim for the quietest setting you can bear, not the loudest you can bear. Think about this, they are not the same. **With the volume turned too high you could wind up with more noise inside your defenders than there was outside them.**

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If you start at maximum volume and work down you will probably wind up at a level which is as loud as you can bear and could be harmful to your hearing. Also, too much volume will degrade the noise-cancelling properties of the headset. For most people with normal hearing, about ½ volume on the headset is sufficient.

Side Tone

Side tone is what you hear of your own voice. **It does not affect what your passenger or your radio hears of your voice.** It should be subliminal. If you are conscious of your own voice then it's way too loud. Turn down your volume.

Setting the Radio Volume

- Set the headset volume as above, and leave it.
- Then and only then adjust the volume on the radio to suit the received signals.
- If the radio signals are too quiet, turn up the radio.
- If the radio signals are too loud, turn down the radio.

For most people with normal hearing, about ½ volume on the radio is sufficient.

Setting the Radio Squelch

Squelch is essentially a sensitivity control which allows you to adjust the threshold at which your radio goes into receive mode. It has nothing at all to do with your own transmissions. It also has no effect on the quality of the received signals, just your ability to hear them (or not, as you wish) whatever their quality.

- Turn the squelch up (fully clockwise) The radio hisses. (receive mode) This is the most sensitive and will enable the reception of distant weak signals, however there will be incessant hiss between the signals and probably engine ignition interference also. This is not recommended for any length of time.
- Turn the squelch down (anticlockwise) until the hiss and noise just stops. This is the most sensitive setting for normal use.
- Turn the squelch down further to eliminate unwanted distant transmissions. Fully anticlockwise is least sensitive and you will only receive strong signals.

IMPORTANT

The FLYCOM HEADSET utilises components used in a British Standard hearing defender produced by PELTOR and other commercial components allowing the volume to be turned all the way down to zero

Using a headset without a volume control with a FLYCOM intercom could be hazardous to your health. Excessive noise has been shown to cause permanent hearing loss

Users should be aware that flying in powered aircraft constitutes a noisy environment

Excessive noise has been shown to cause fatigue, loss of concentration and permanent hearing loss

Fatigue and loss of concentration have been shown to cause serious injuries and death

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