



NanoComm GA

Ultra-Lightweight, Custom-Made Aviation Headset

User Guide

V2.6 - November 2019

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Thank you for purchasing your new Puretone NanoComm GA custom aviation headset.

This headset is supplied with two custom-made sets of earpieces for your convenience. The clear earpieces are straight-through full-concha earpieces that offer approximately 30dB noise reduction of external sounds, while the signal from the radio is un-hindered. The yellow earpieces are ProtectHear® filtered earpieces that offer the same level of attenuation of external sounds, but in addition provide an SNR of 29dB to sounds broadcast via avionics (see table).

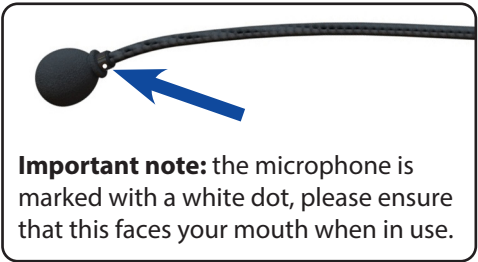
On both pairs of earpieces the red dot denotes the left ear.



Correct Fitting

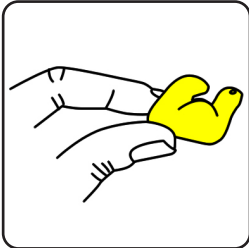


Incorrect Fitting



Important note: the microphone is marked with a white dot, please ensure that this faces your mouth when in use.

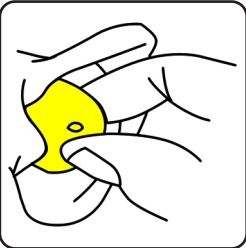
Inserting The Earpiece



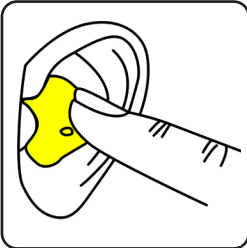
Hold the earpiece with index finger & thumb with flat side facing away from the ear.



Place earplug canal into the ear canal & gently twist backwards until the earpiece slides comfortably into the ear bowl.



Place the earpiece helix into the helix of the ear.



To ensure the correct fit, push gently on the flat area to seat the earpiece into the bowl of the ear.

Removing The Earpiece



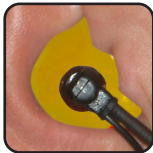
With index finger press on the back of the earflap to lift the earpiece away from the ear bowl.



Slide index finger behind earpiece & grip the front of the earplug with thumb.



Carefully remove earpiece with index finger & thumb by gently twisting forwards.



ProtectHear Earpiece



Clear Earpiece

Do's And Don'ts

Your NanoComm GA has been manufactured to extremely high standards, however, we recommend that you follow these simple steps to ensure the headset gives high quality un-interrupted performance for years to come.

Do's:

Always ensure the white dot shown on the microphone is pointing toward the mouth. Ensure the mic is placed close to the lips. If the lips lightly brush the windshield whilst talking then the mic is optimally positioned.

When connecting the headset to the custom-made earpieces, always ensure this is done in a horizontal direction. Insert one side first then apply gentle pressure to the other side until an audible click is heard (see diagram 1.1).

When removing the headset from the custom-made earpieces, always make sure this is done in an upward (vertical) direction (see diagram 1.2).

When not in use, always ensure the NanoComm GA is packed into the carry case supplied and not subjected to undue rigours.

Ensure earpieces are cleaned on a regular basis. Earpieces can be cleaned using regular baby wipes or alcohol swaps, available from a chemist.

NEVER SUBMERGE EARPIECES IN WATER.

Don'ts:

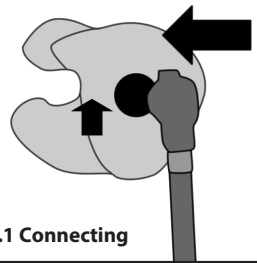
Never remove the plugs from the avionic equipment by pulling on the wires. Always grasp the plugs firmly before pulling.

Never attempt to disconnect the headset from the earpieces by pulling the cables only.

Never offer your NanoComm GA to another person to use. The earpieces are custom-made exclusively for you and will not offer the same level protection or comfort to anyone else.



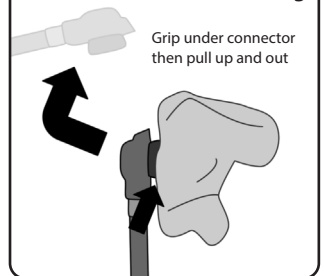
Place connector under ring and push down



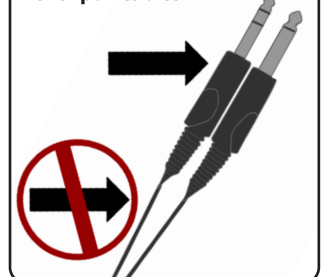
1.1 Connecting

1.2 Removing

Grip under connector then pull up and out



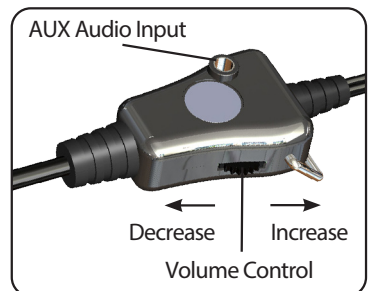
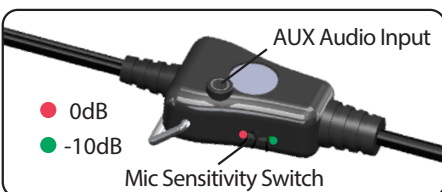
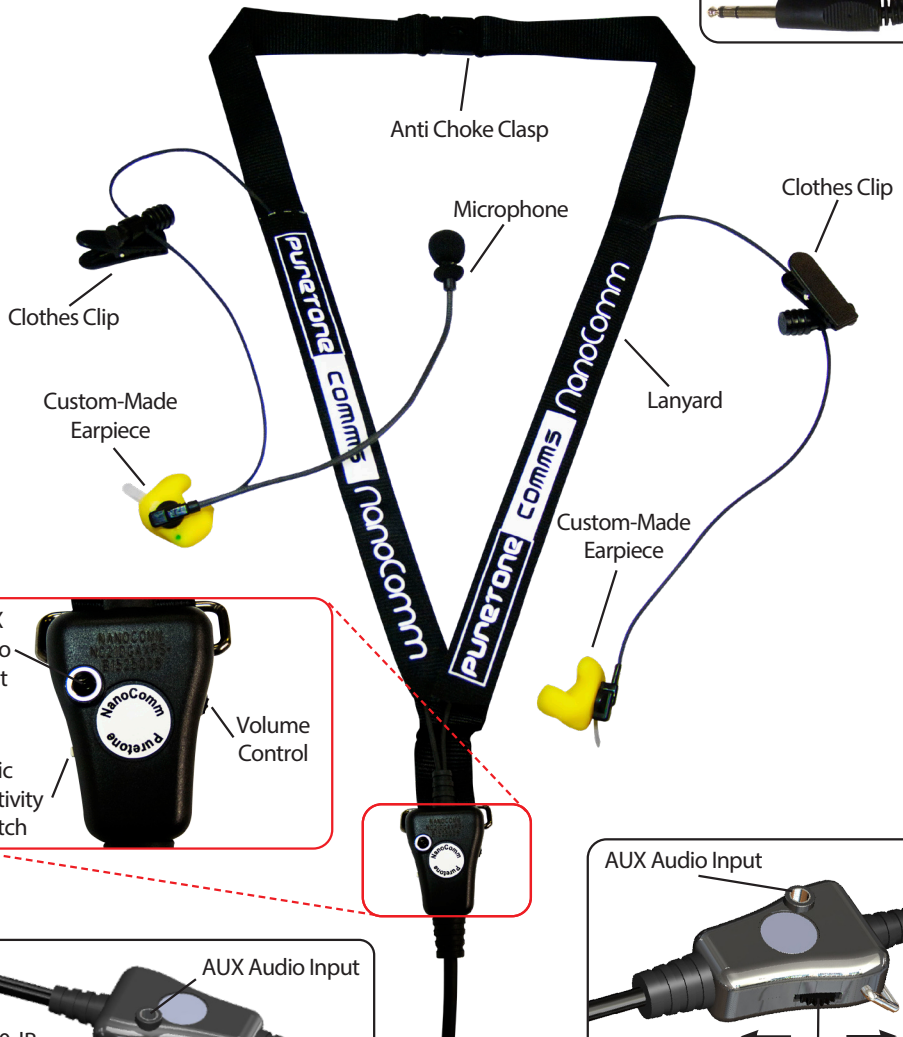
Never pull cables



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GA Connectors



Please Note: Certain NanoComm GA headsets are fitted with a mono/stereo switch this is to allow the user to connect both the left and right channels of the avionics system to the headset. The headset outputs are not independent of each other so are converted to mono at the speakers.

Some avionics designed with stereo outputs can have issues when a headset with a mono jack plug is connected – This switch can resolve these incompatibility issues.

Mono/Stereo Connection Switch

