

## TO USE

A) All PRO EARS electronic models come equipped with four 'N' size 1.5 volt batteries, two for each cup. The PRO TAC Series also offers models with 'Lithium 123a' batteries. There is one battery in each cup. These are superior batteries available where batteries are sold. Alkaline batteries provide the best service. To install, turn the volume controls to the 'Off' position. Carefully pull the inner surface foam down to reveal the battery holder. Remove the old batteries, replace with new batteries into the holder with the negative to negative and positive to positive side.



The correct polarity is marked on the holders. Once installed, carefully replace foam. Even though your PRO EARS model has the longest life batteries available, it is recommended that the volume controls be turned to the 'Off' position when not in use. Our Auto Shut-Off feature will help save battery life.

B) Headband may be adjusted to ensure cups fit correctly around the ears comfortably by sliding headband apart. Place the headband directly in the middle of the head with the cups over the ears. Place the thumb of each hand against each ear cup and press gently inward while simultaneously using your fingers to tighten the headband firmly against the top of your head. The special, replaceable ProForm Leather™ Sealing Rings are made for maximum comfort and noise protection and will contour snugly around ears even when wearing eyeglasses.

C) To adjust volume; Turn the volume knobs to the 'Off' position. Turn on and adjust as needed for comfort. Both sides should be adjusted equally depending on individual hearing ability and purpose.

D) Your GOLD Series model also features a special, internal set of connector pins (jumpers) that are used to alter the circuit board sensitivity and gain setting. The Sensitivity setting is independent of the exterior volume controls and is set at the factory in the LOW position. This setting is preferred under certain consistent, high noise level situations such as industrial machinery, aviation, engine noise such as auto racing, or when unusually high (110 dB to 130 dB) levels are encountered, it is recommended that the circuit board sensitivity be set at the lower level. The LOW setting will further dampen the high background noise levels and increase the ability to hear lower level sounds such as conversation. (The DSTL model Gain settings however are factory set on HIGH) Gain setting controls the distance at which sound is received by the electronics and sounds from a greater distance (up to 100 yards depending on conditions). Gain is also factory set in the LOW setting with the exception of the DSTL model

which comes set in HIGH. This will enable you to increase hearing/range up to 8x normal hearing the unit's highest amplification setting. These programmable jumpers setting are independent of each other so you may change Sensitivity jumpers and the Gain jumper to different settings depending on your specific needs.

**For example:** Setting the Mic Gain on high and leaving the Speaker Level on low is good for hearing distant sounds for those who do not require amplification due to hearing loss while maintaining a safe 70dB sound level.

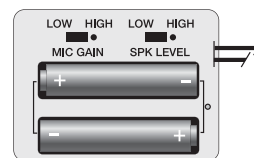
**Or:**

Setting the Speaker Level on high and leaving the Mic Gain on low is good for those who need amplification due to hearing loss but do not want to hear distant sounds. Again while maintaining a safe 70dB sound level.

To change the circuit board sensitivity setting, (See diagram) gently pull back the foam cover inside each cup. You will see that there are two easy-to-grab posts attached to the jumpers. To change the unit settings, first turn the cup side you wish to make the change off. Then carefully pull the jumper posts straight up with your fingers, a set of tweezers or small pair of needle nose pliers. Move the jumper to the desired pins and push straight down. Be careful not to apply too much pressure and stop when jumper is fully seated.

The left set of pins is for Mic Gain (as shown). When the black jumper is covering the left two pins the Gain is on low. This is how the Gain will be set from the factory, (except DSTL models). The 2nd set of pins is for Speaker Level (as shown). When the jumper is covering the left two pins the Speaker Level is also on low, set at the factory.

**NOTE:** Changing the Jumper Settings is a delicate operation. Altus Brands, LLC is not responsible for damage caused as a result of this procedure.\*



**Illustration Purposes only  
Exact Configuration of circuit  
board may vary over time**

## IMPORTANT

- 1). PRO EARS GOLD SERIES are extremely durable however it is not advisable to expose them to extreme heat or cold.
- 2). Check to ensure batteries are in good condition. Even though PRO EARS GOLD SERIES use extremely long life batteries it is advisable to always carry a spare set.