



PROTECTION FROM WITHIN™

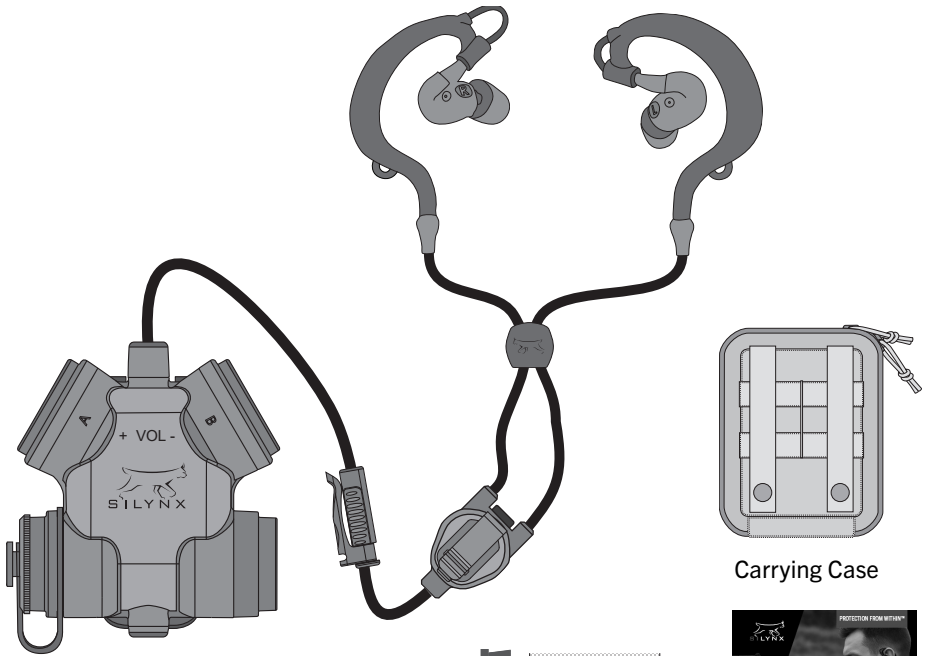
# CLARUS PRO-X

ACTIVE PLUG HEADSET SYSTEM

## USER GUIDE

# 2

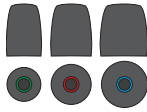
# SYSTEM COMPONENTS



Carrying Case



AAA Battery



Ear Plugs



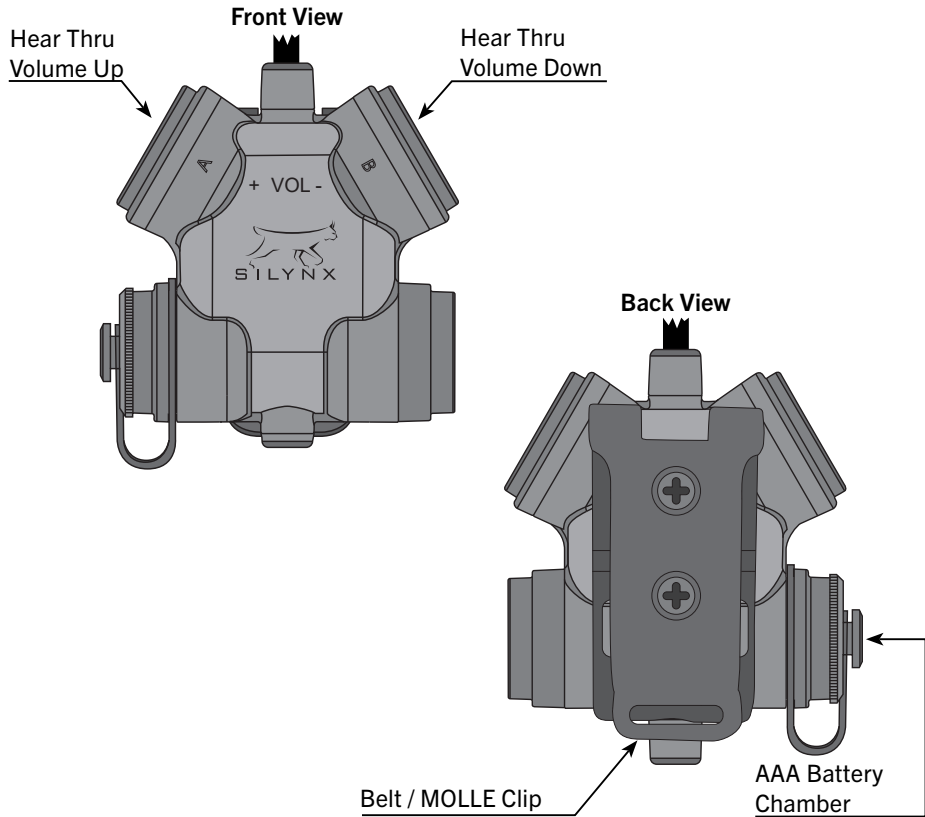
Cleaning Kit



User Guide

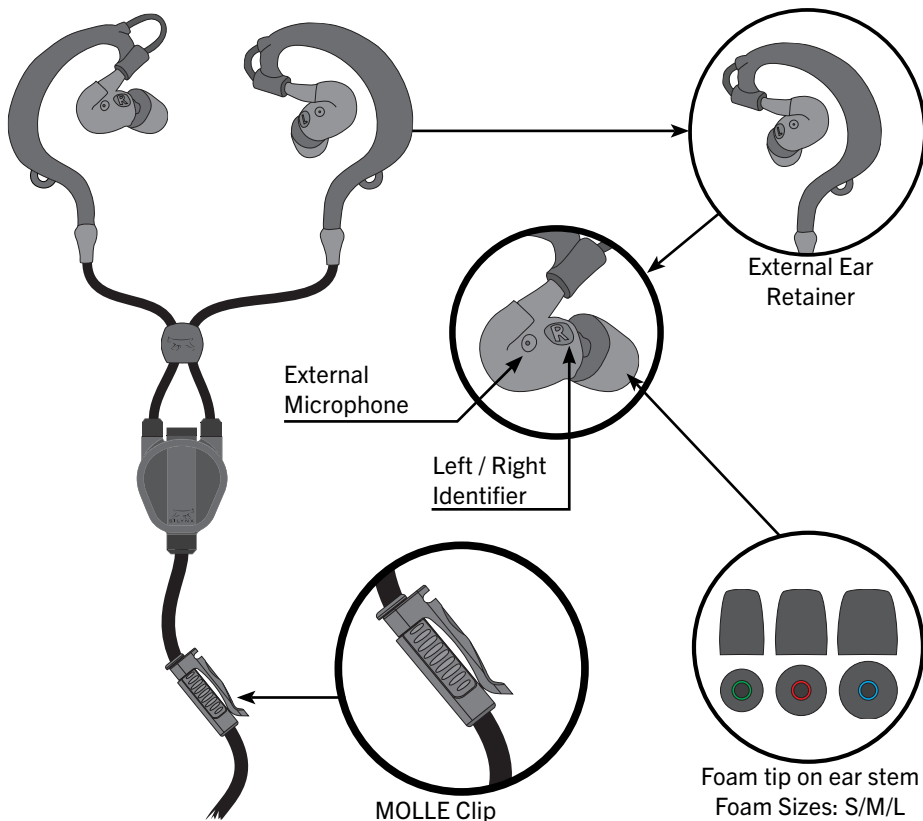
# CONTROL BOX

3

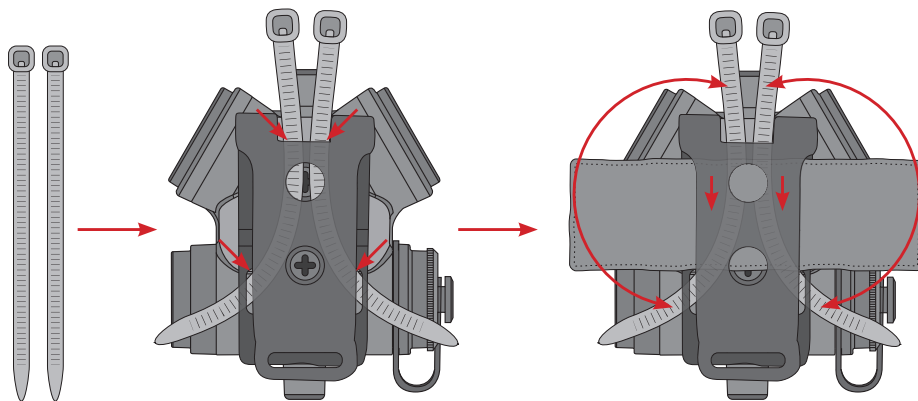


# 4

# CLARUS PRO X HEADSET



## MOLLE Fitting



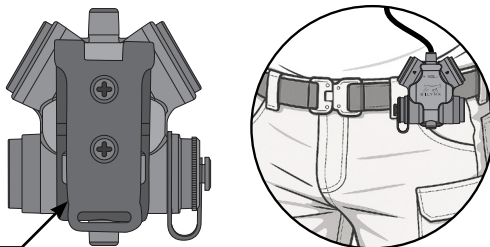
1. Insert two zip ties as shown in the illustration.

2. Insert the clip into the MOLLE attachment and ensure it is secured, by tightening the zip ties around it.

## Belt / Pocket Fitting

Use the metal clip on the back of the Clarus Control Box to attach it to your belt or pocket.

Metallic clip on the back of the control box



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## EXTERNAL EAR RETAINERS

The external ear retainer on the Clarus Pro X headset is designed to ensure maximum comfort and a secure grip on the ear, even during intense activity.

### Cutting Mark for Left/Right Ear Identification:

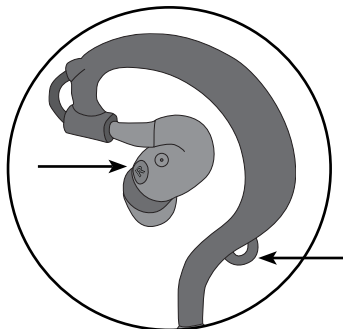
The ear retainer is provided with a curved marking on its side. Removing this marking allows you to quickly and easily differentiate between the earpiece intended for the right ear and the one for the left ear - even in low light conditions or while wearing gloves.

### How to Use the Marking:

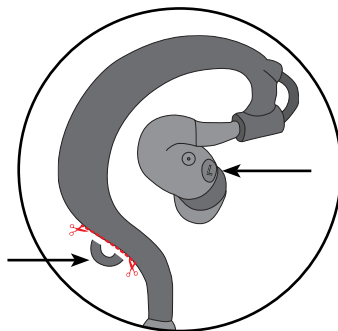
Select the ear you want to identify with the marking - for example, the right ear.

Take the left ear retainer and carefully cut along the marked line shown in the illustration, removing the marking from the left ear.

After the cut, you will be able to distinguish by touch alone between the right ear retainer with the intact marking and the left one with the marking cut off.



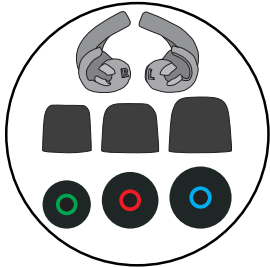
Right earpiece with curved marking – can be identified by touch, even at night or when wearing gloves.



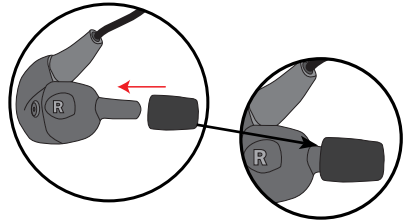
Left earpiece – cut mark for right/left identification.

# INSERTING EARBUDS

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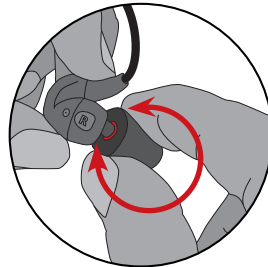
1. Select the largest ear tip that fits comfortably in your ear.  
**\*Optional:** Internal Ear Retainer.  
(see next page).



2. Position the foam tip onto the earbud stem by sliding it into place.



3. Compress the foam tip using a rotational motion until it becomes long and narrow.



4. Quickly insert the earbud into your ear canal and hold for a few seconds to allow the foam to expand within your ear. Then place the External Ear Retainer over the ear.

Proper cleaning and maintenance of your Clarus headset are essential to ensure optimal performance and longevity.

Accumulated earwax is a common cause of hearing malfunctions, so regular cleaning is strongly recommended.

#### **Cleaning Instructions:**

- 1.** Carefully remove the foam earbud by gently detaching it from the ear stem.
- 2.** Utilize the soft brush provided in your kit to gently remove earwax or debris on the end of the ear stem or the external mic on the earbud.
- 3.** Utilizing the Alcohol Pad:  
Clean the ear stem and the external microphone using the provided alcohol pad to thoroughly remove any remaining earwax or debris.
- 4.** Avoid Sharp Objects:  
It is recommended to avoid the use of sharp or pointed objects to clean the ear stem holes. Such actions may damage the internal speaker and microphone, which could result in operational issues.

#### **5. Replacing Foam Earplug:**

Foam tip earplugs should be replaced if there are any signs of rips or tears, regardless of the circumstances, or at least every two weeks to ensure optimal hygiene and functionality. The lifespan of ear plugs can be affected by several factors, such as ear wax, oils, chemicals, usage patterns, and environmental conditions.

#### **Preventative Maintenance Care:**

Cleaning your earbuds regularly, particularly following prolonged usage or in environments where earwax buildup is likely. Proper maintenance will ensure optimal audio clarity and prolong the lifespan of your headset.

By following these steps, you can ensure the continued performance, reliability, and cleanness of your Clarus headset.

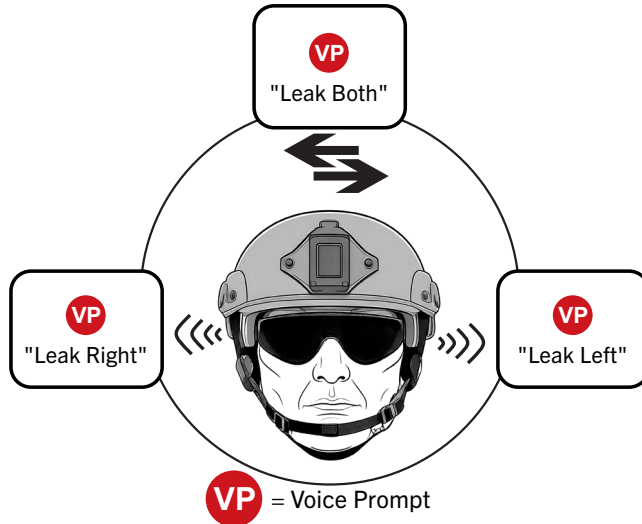
# LEAK TEST

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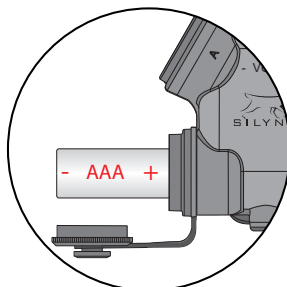
When the system is powered on, a leak test is initiated automatically, followed by two beeps (one for each ear). This test indicates that the ear foams are correctly placed for optimal performance and protection.

After the test, if a sound leak is detected, a voice prompt will announce: "Leak Left", "Leak Right", or "Leak Both". If a leak is detected, adjust the earbud or try a larger ear foam for a better seal.

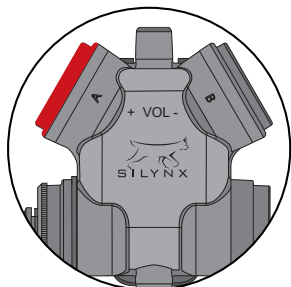
To manually initiate the test, press the [-] and [+] buttons simultaneously for 4 seconds.



**Note:** The leak test serves as a preliminary indication and does not ensure the complete sealing of the earbud.



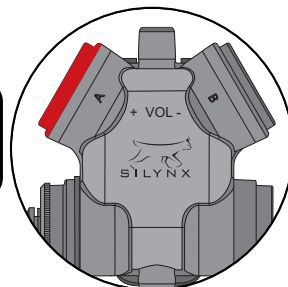
1. Insert AAA battery in the battery chamber.



2. To power the system on, press and hold the "+" key for 5 seconds until you hear the "Unit On" prompt.



**VP** = Voice Prompt

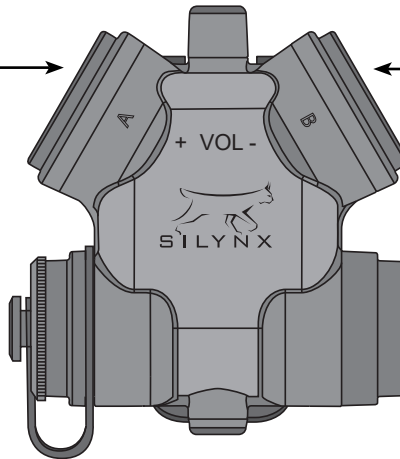
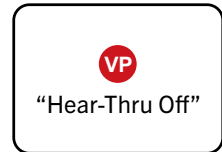



3. To power off the system, press and hold the "+" key for 5 seconds until you hear the "Unit Off" prompt.

The “Hear-Thru” feature allows users to hear ambient sounds while wearing the headset. It enhances situational awareness by amplifying external sounds, without compromising hearing protection. Users can adjust 5 levels of Hear-Thru sensitivity by modifying the level of external sound depending on the environment, ensuring both awareness and protection in various operational settings.

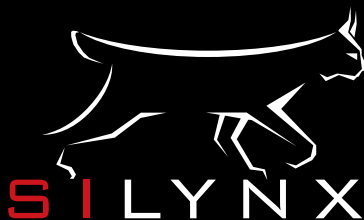
Press (+) key to increase Hear-Thru sensitivity level

Press (-) key to decrease Hear-Thru sensitivity level



 = Voice Prompt

**Note:** In HAHO/HALO and strong wind environments, it is recommended to decrease the Hear-Thru to the lowest level.



# PROTECTION IS POWER

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[www.silynxcom.com](http://www.silynxcom.com)

1.866.325.1731 | [info@silynxcom.com](mailto:info@silynxcom.com) | [customersupport@silynxcom.com](mailto:customersupport@silynxcom.com)

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