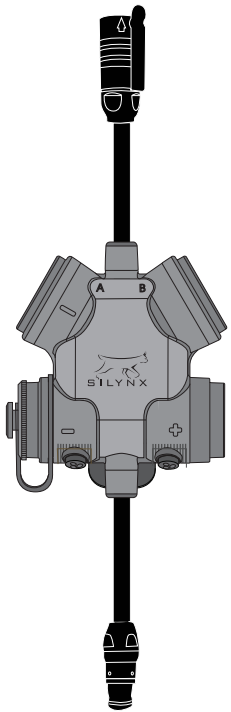
SILYNX

PROTECTION FROM WITHIN™

CLARUS DUAL
HEADSET SYSTEM

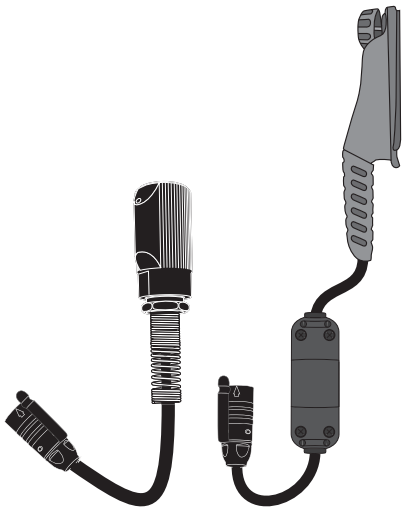
USER GUIDE

2 CLARUS SYSTEM COMPONENTS

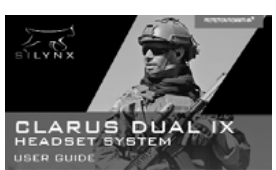


Clarus
Control Box

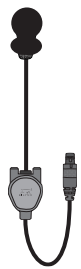
*Optional



Radio Cable
Adaptors*



User Guide



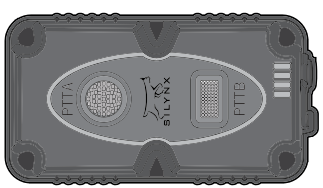
Vest Mounted
Boom Mic*

PROTEGO PRO/STD Headset*

Bluetooth
Adaptor*

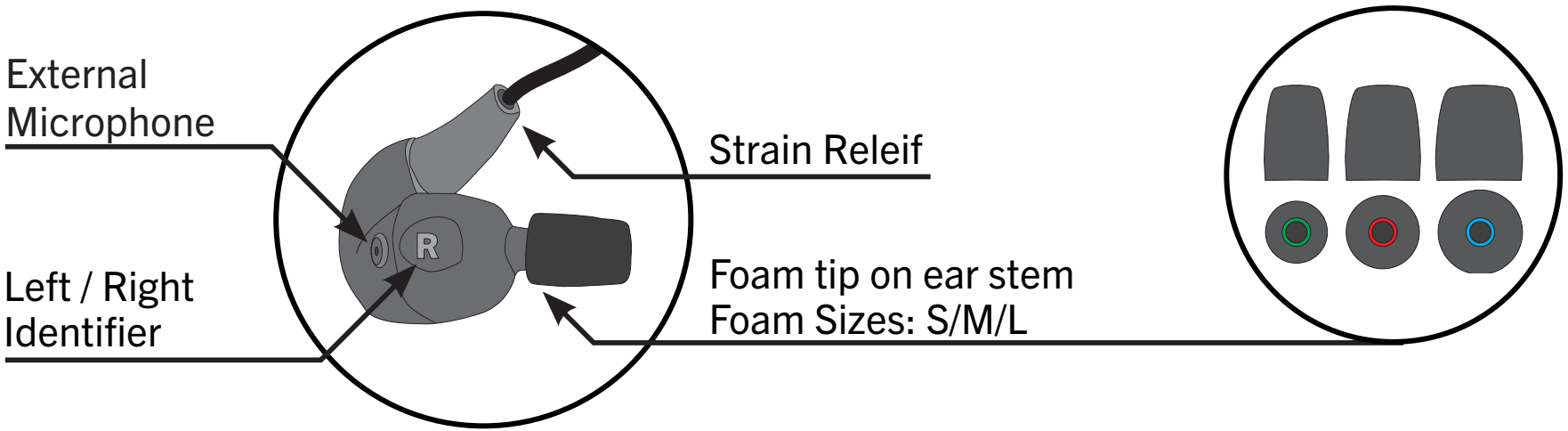
Gas Mask
Adaptor*

Dual Comms
Splitter Cable *

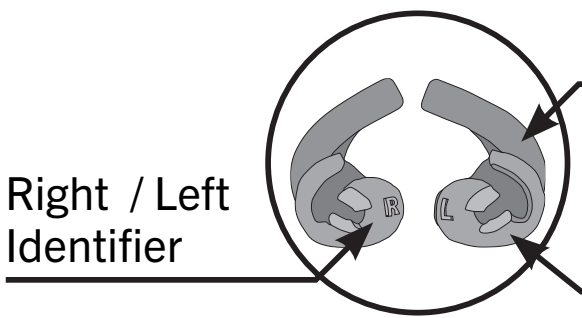


Wireless PTT*

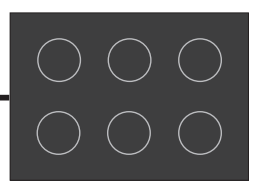
PROTEGO EARBUD COMPONENTS 3



Cleaning Kit (brush and alcohol pad)

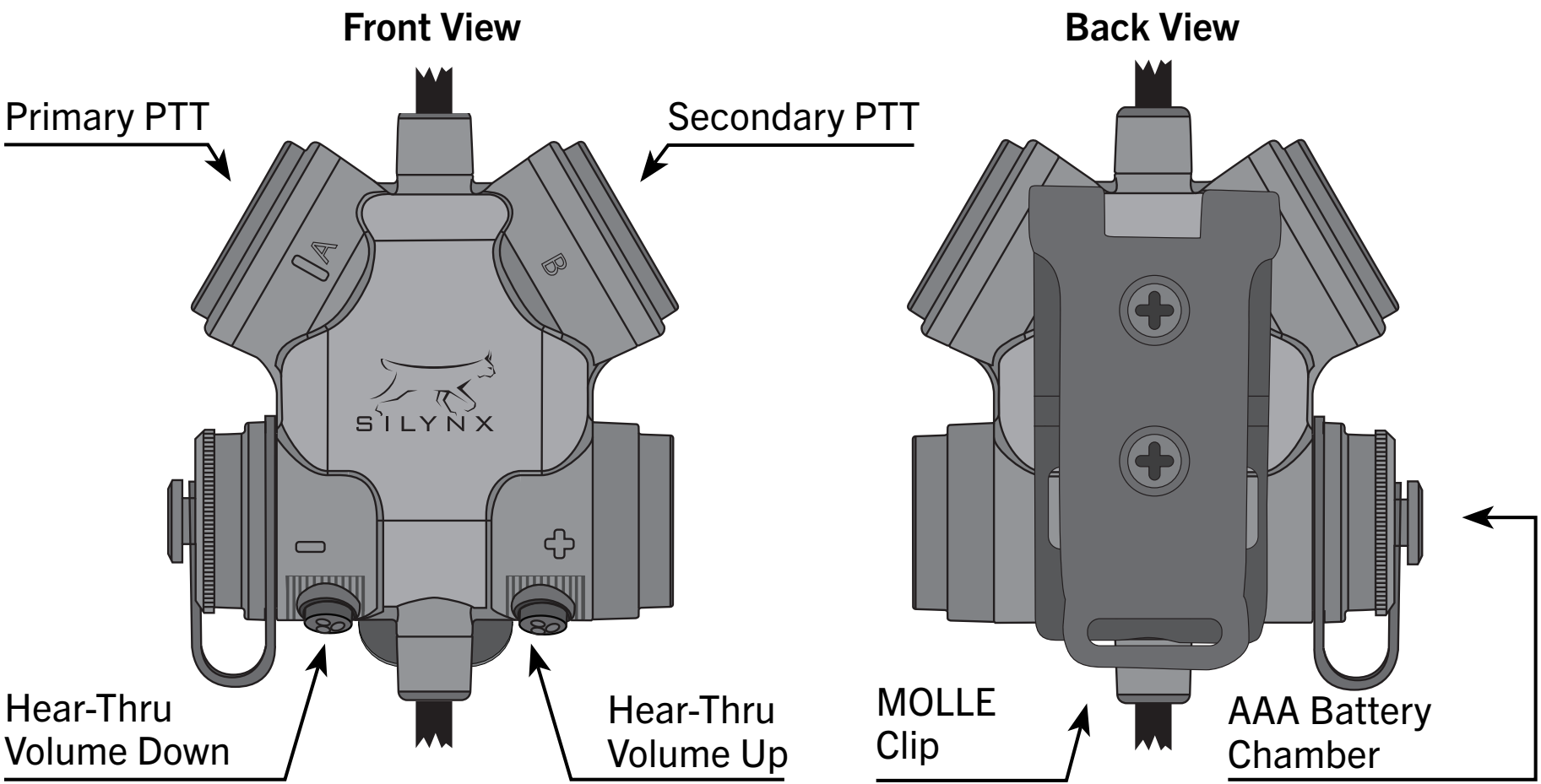


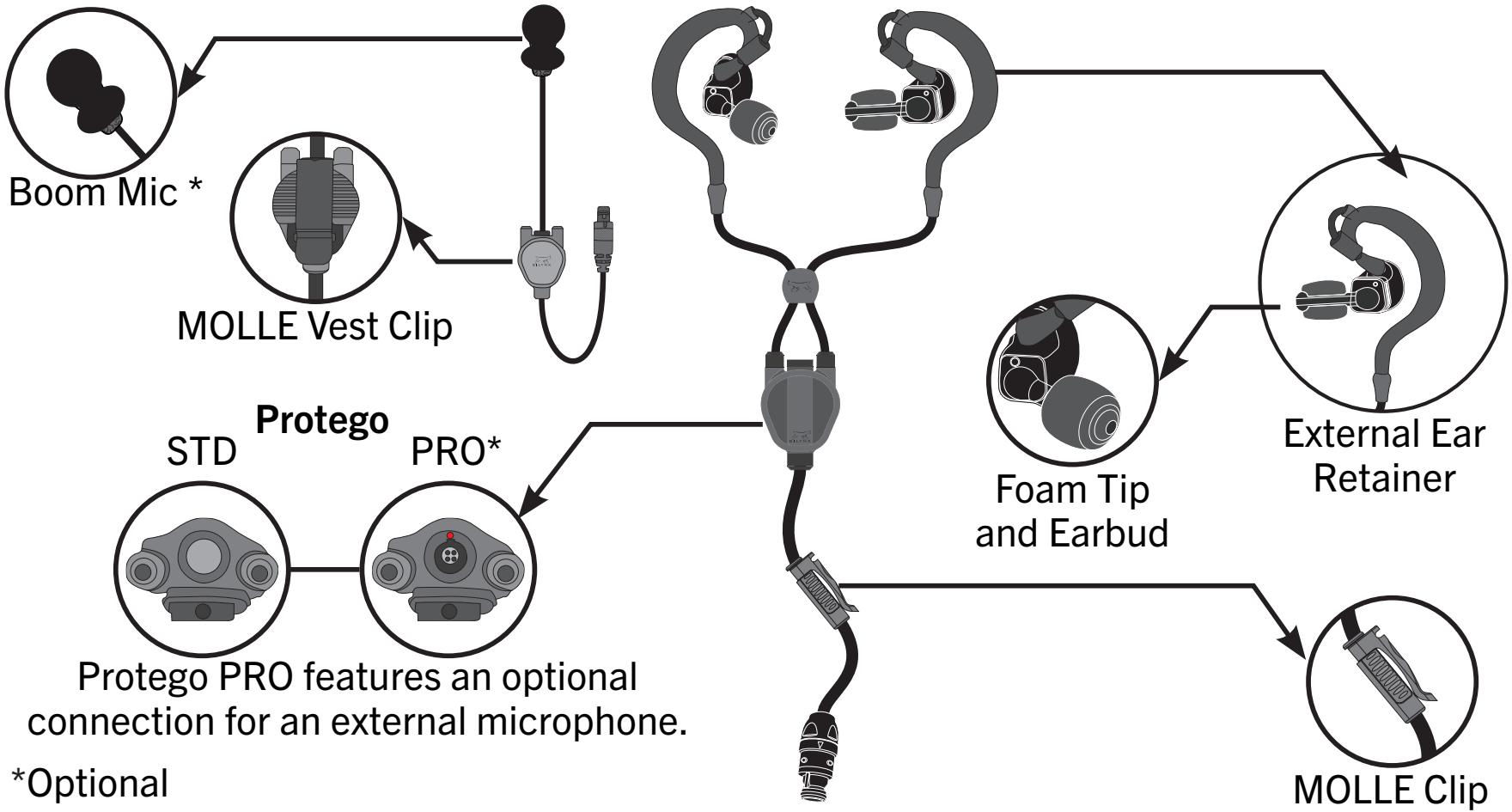
Optional Internal Ear Retainers S/M/L



Wind Guard

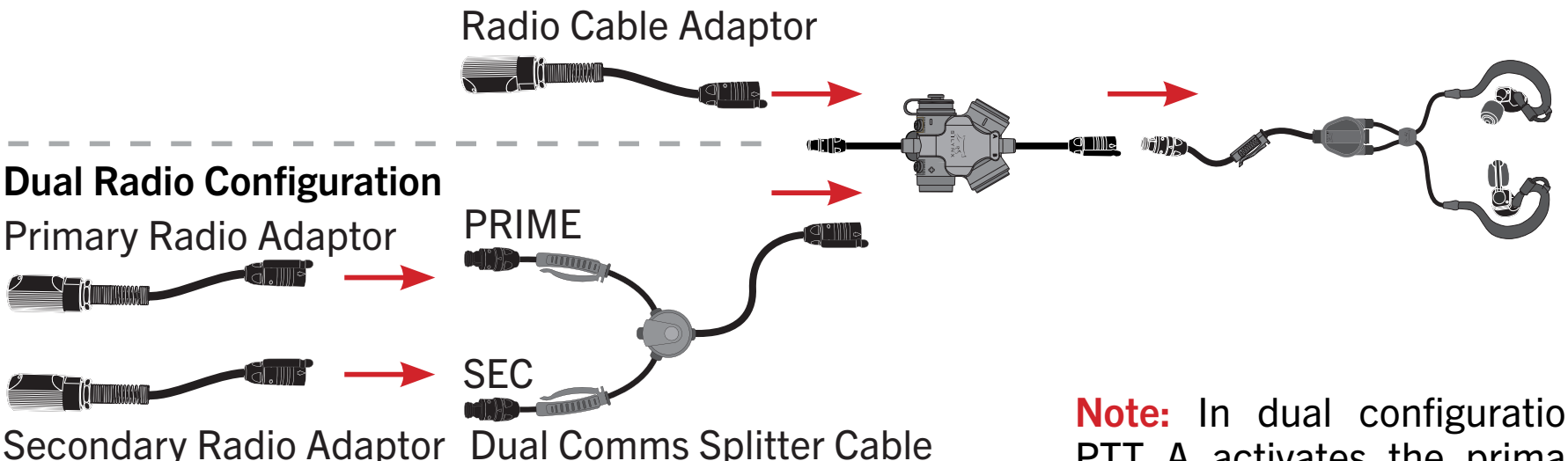
CONTROL BOX


Front View
Back View
Primary PTT
Secondary PTT
A
B
SILYNX
Hear-Thru
Volume Down
Hear-Thru
Volume Up
MOLLE
Clip
AAA Battery
Chamber


Boom Mic *
MOLLE Vest Clip
Protego
STD
PRO*
Protego PRO features an optional connection for an external microphone.
*Optional
Foam Tip and Earbud
External Ear Retainer
MOLLE Clip

1. Connect radio adaptor to control box

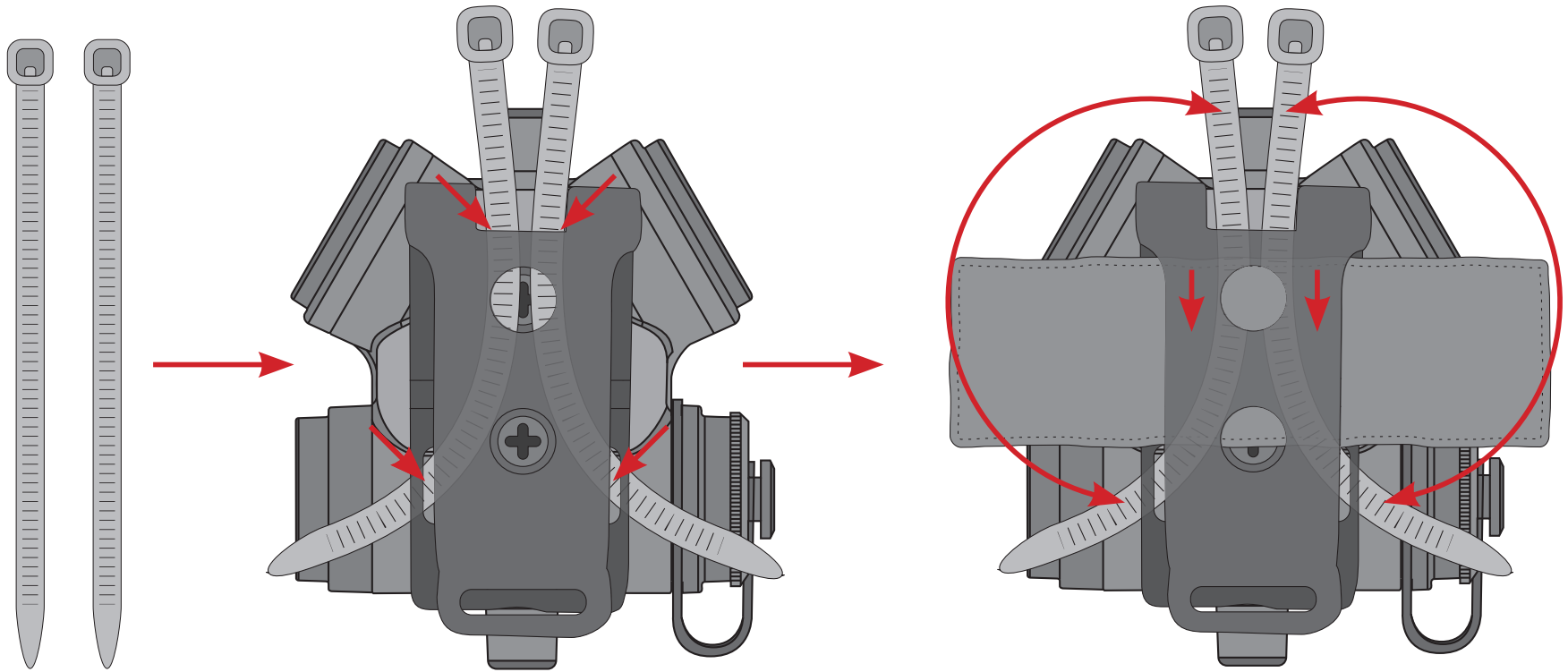
Single Radio Configuration



Connect the dual comms splitter cable to the control box. Connect the primary radio cable adaptor to the port labeled as “PRIME” on the splitter, and connect the secondary radio cable adaptor to the “SEC” port.

2. Connect headset to control box

Note: In dual configuration, PTT A activates the primary radio, while PTT B activates the secondary radio. In single radio mode, both PTT buttons activate the radio.

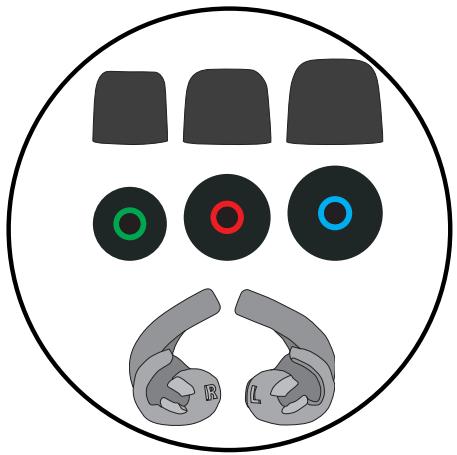


1. Insert two zip ties as shown in the illustration.

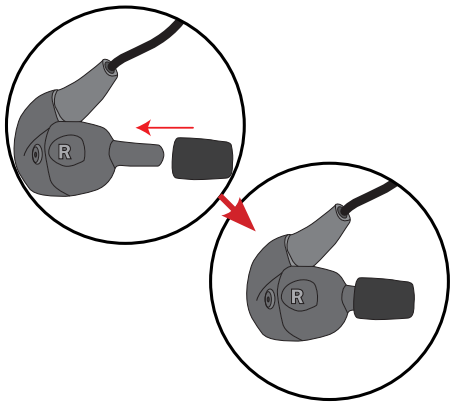
2. Insert the clip into the MOLLE attachment and ensure it is secured by tightening the zip ties around it.

INSERTING EARBUDS

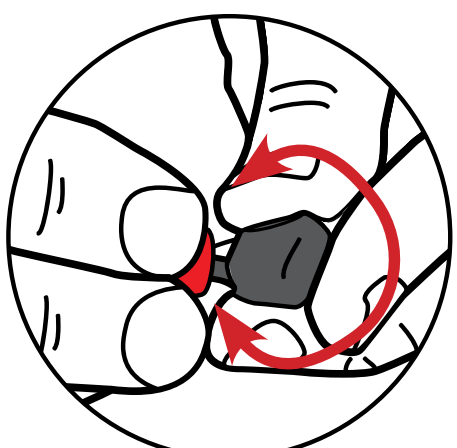
1. Select the largest ear tip that fits comfortably in your ear. ***Optional:** Internal Ear Retainer. (see next page).



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.

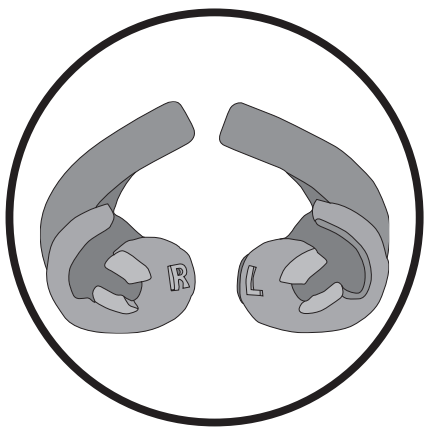


4. Quickly insert the earbud into your ear canal and hold for a few seconds to allow the foam to expand within your ear. Then place the external ear retainer over the ear.

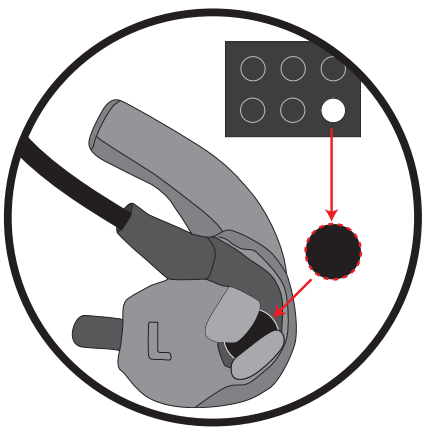
INSERTING INTERNAL EAR RETAINER 9

In windy conditions, use the internal ear retainer to reduce wind noise.

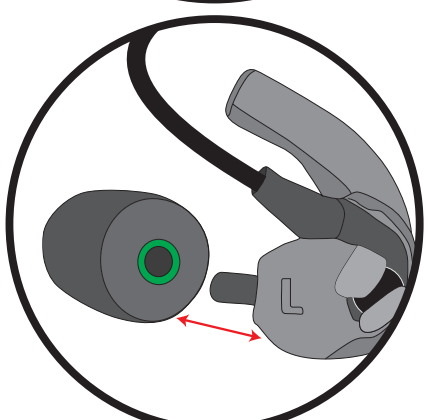
1. Select a pair of internal ear retainers that are suitable for your ear size.



2. Enclose the earbud with the internal ear retainer, ensuring that the ear stem extends outward.
3. Place wind foam inside the retainer's cavity over the external mic.



4. Slide the foam tip over the earbud stem.



5. Insert the earbud into your ear canal.

10 EXTERNAL MIC CONNECTION

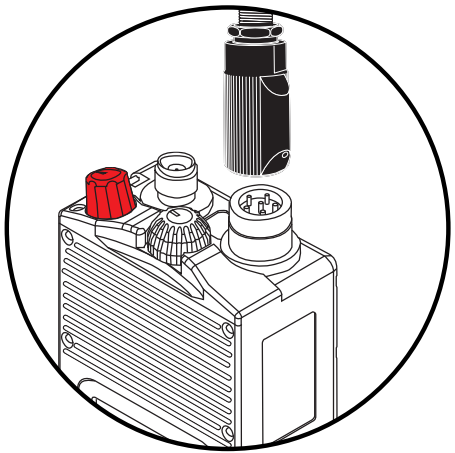
The Protego PRO allows you to connect an external microphone to the system. When you plug an external microphone into the earphone jack, it becomes the primary microphone. If the external microphone is removed, the system will revert to its default In-Ear microphone configuration.

Available External Microphone Options:

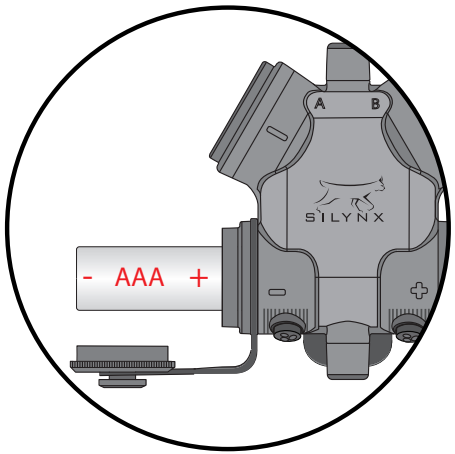
Boom Microphone for a Vest

Gas Mask microphone connection

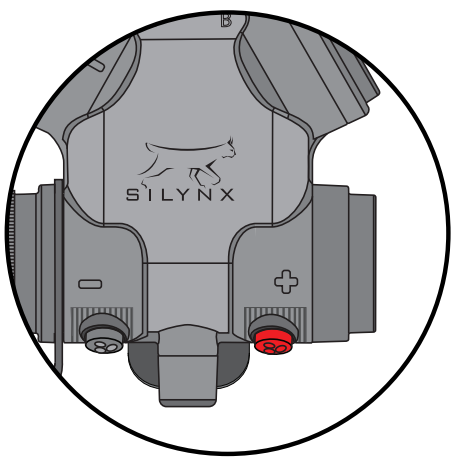
1. Connect the radio cable adaptor to the radio and power it on. The unit is usually powered by the radio. In a dual comms setup, only one radio needs to provide power.



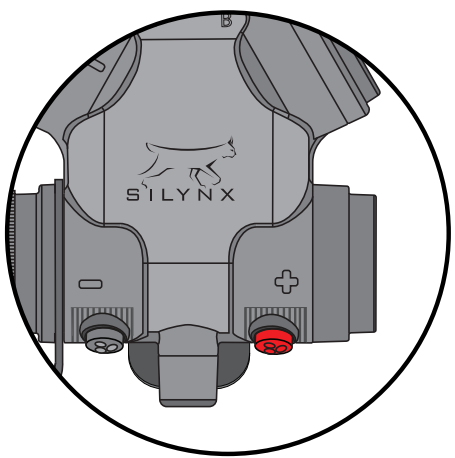
2. If your radio or communication device doesn't provide power to the headset, use an AAA battery.



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



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

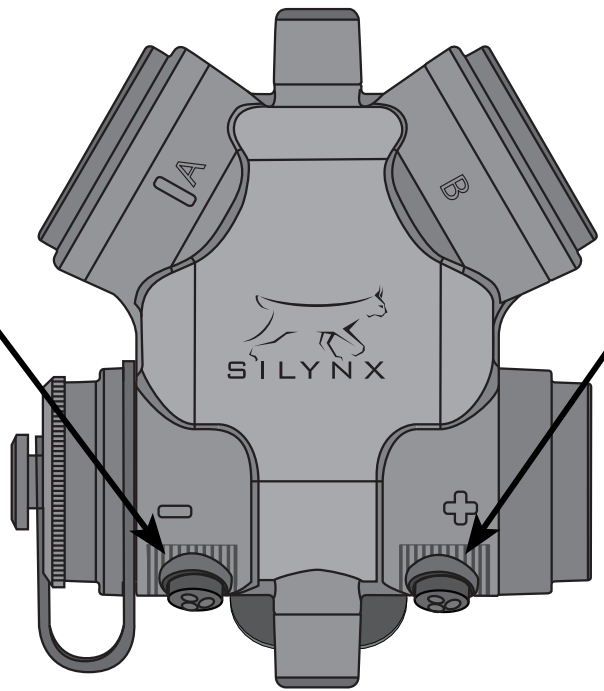


HEAR-THRU

The Clarus allows a range of Hear-Thru sensitivity levels.

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

VP "Hear-Thru Off"



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

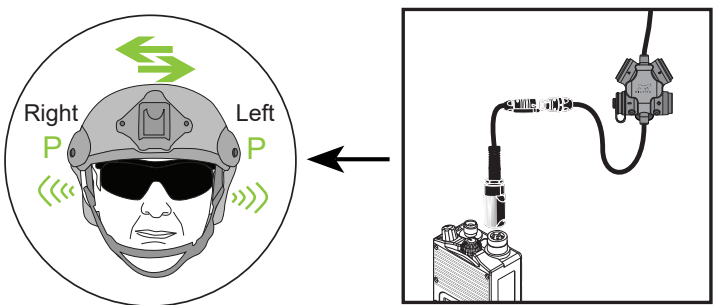
VP "Maximum Hear-Thru"

VP = Voice Prompt

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

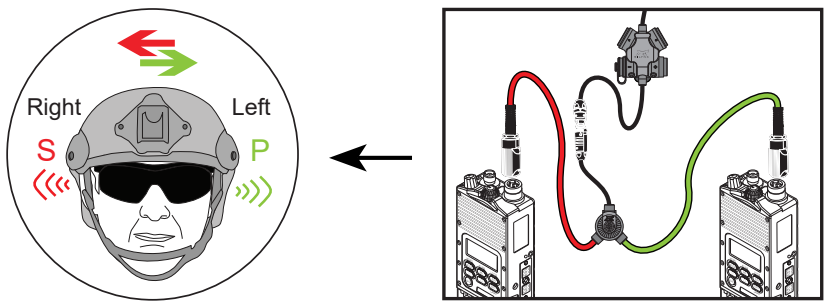
Net monitoring relies on signals received from either the primary or secondary radio, or both (when using the optional dual comms adaptor). The system differentiates the signals sent to each ear based on the radio connection(s).

One Radio Connected



When one radio is connected, the primary signal will be heard in both ears. Both Clarus PTT buttons will operate the radio.

Two Radios Connected

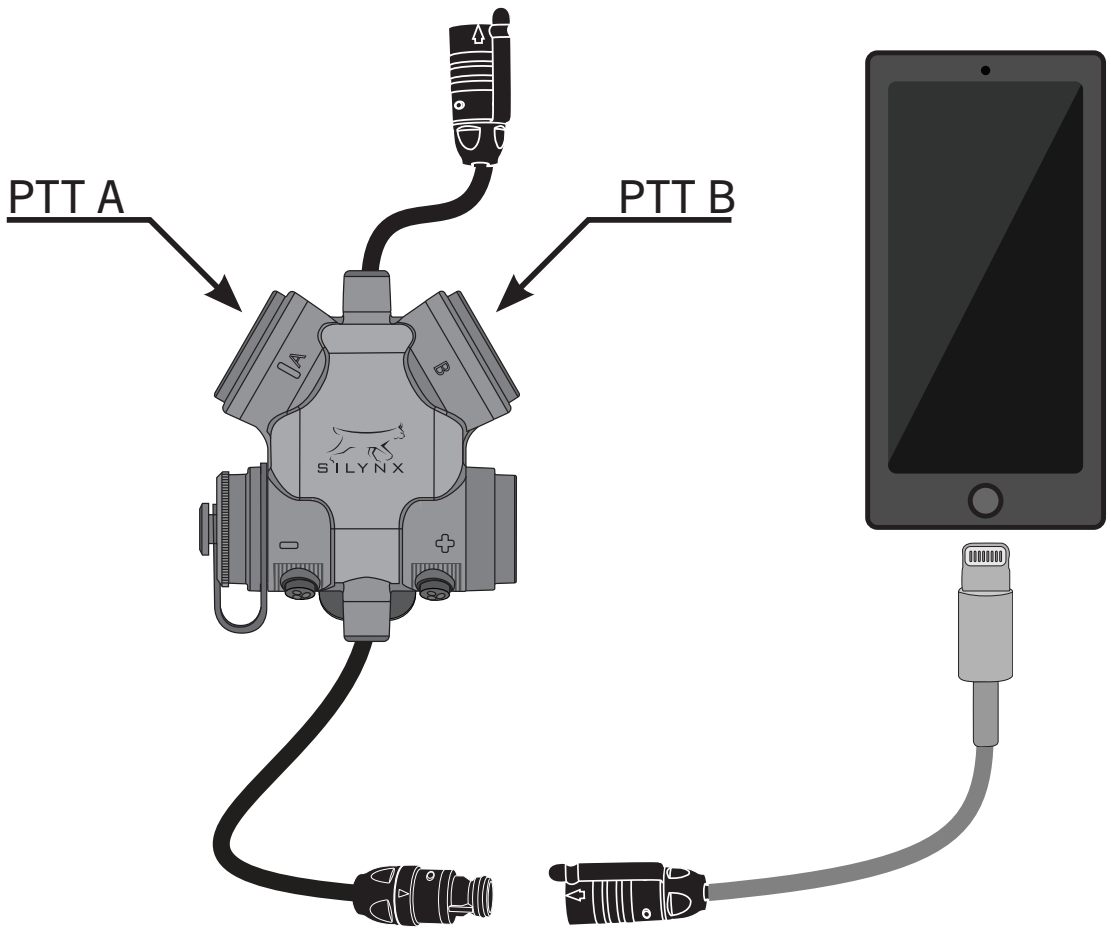


When both radios are connected, the primary signal is transmitted to the right ear, and the secondary in the left. Each network is assigned a different PTT button on the Clarus.

SMARTPHONE CONNECTION

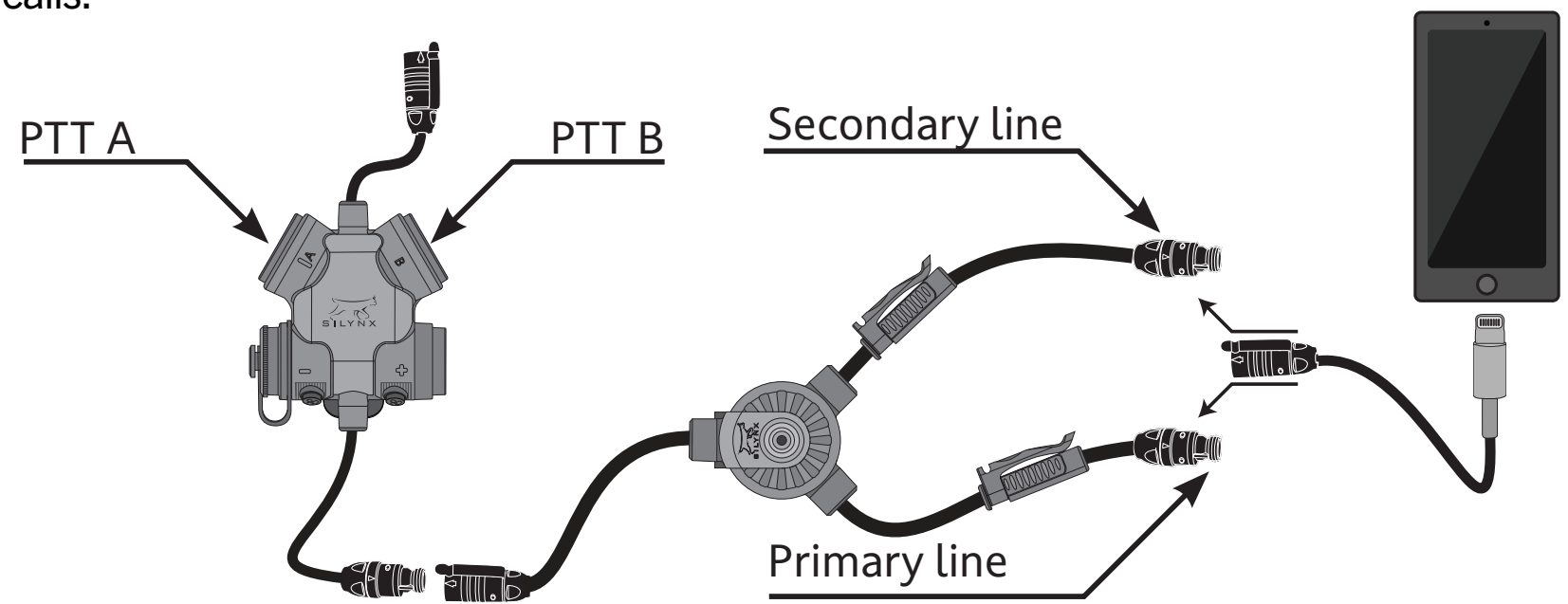
Connected directly to the Clarus:

1. Hold PTT A to transmit your voice to the phone. Your voice will only be heard when you press and hold PTT A.
2. Short press PTT B to answer / end calls. In some phones, pressing and holding PTT B can mute your phone until you press and hold PTT B again.

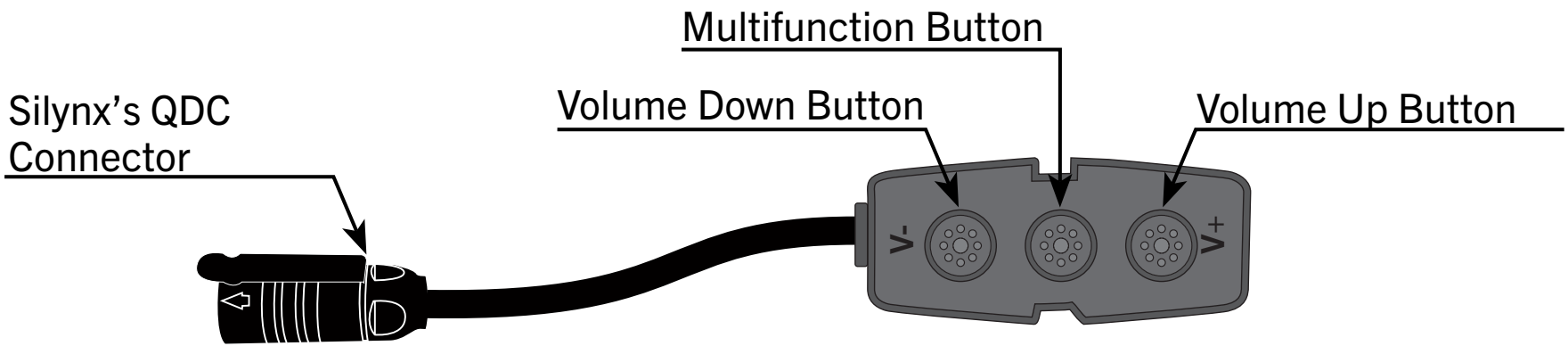


Connected to dual comms splitter:

1. When connected to Primary line hold PTT A to transmit. Short press PTT A to answer / end calls.
2. When connected to Secondary line hold PTT B to transmit. Short press PTT B to answer / end calls.



BLUETOOTH PAIRING*

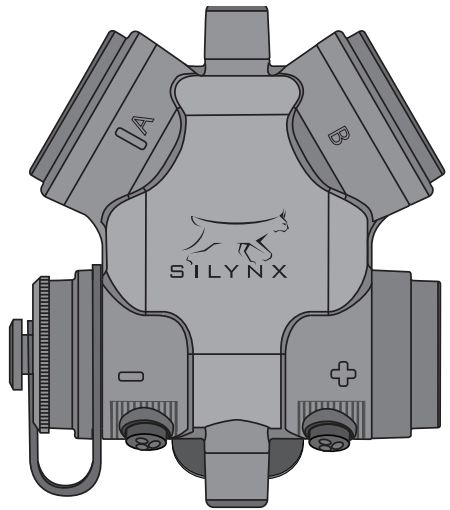


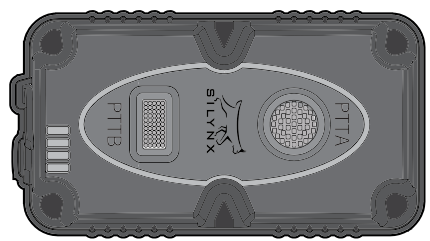
*The Bluetooth Dongle is an **optional** Clarus cable adaptor. It can enable encrypted Bluetooth connections to a mobile phone. Use a Clarus AAA battery if no radio power is available.

Refer to the Bluetooth Guide for detailed instructions.

1. Power on Clarus.
2. Press either PTT buttons on Clarus 5 times, rapidly, within the first minute of powering on.
3. After the fifth press of the button, wait until you hear a slow, repetitive beeping tone in the headset. This indicates that the Clarus is in pairing mode.
4. Position the MWPTT within 2 feet of the Clarus.
5. Press both PTT buttons on the MWPTT unit simultaneously.
6. A series of three rapid beeps will signify that the pairing has been successfully completed.

Note: Pairing must occur within 60 sec after powering on the Clarus.





*The Micro Wireless Push To Talk (MWPTT) is an optional accessory.

PROTECTION IS POWER

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