USER GUIDE

SAFARILAND®

Liberator® HP

IMPORTANT

READ BEFORE USE

FOLLOW INSTRUCTIONS CAREFULLY.
RETAIN FOR FUTURE REFERENCE.

Liberator® HP
4-Step Quick Start

1. ATTACH YOUR SELECTED HEADSET CONFIGURATION

BEHIND-THE-HEAD

OVER-THE-HEAD

HELMET MOUNT

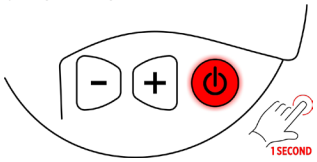
2. INSTALL BATTERIES

OPEN BATTERY DOOR

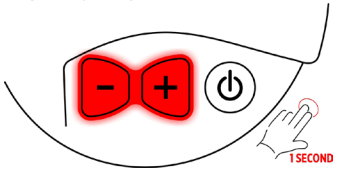
INSERT BATTERY
1 CR123 OR 2 AAA

CLOSE BATTERY DOOR

3. POWER ON



4. SELECT MODE



MODE	VOICE PROMPT	WHEN TO USE	WHAT IT DOES
1 ENHANCED MODE (DEFAULT)	"MODE 1"	Used for most tactical operations requiring the ability to hear speech and audio, recognize threats, and maintain situational awareness while gunfire or explosions may occur without warning.	Blocks impulse noise, allows speech and environmental audio to be heard. Allows all radio communications.
2 MOVE MODE	"MODE 2"	When high-level steady-state noise is occurring such as operating in a helicopter, aircraft, boat, or ground vehicle for extended periods.	Blocks external noise. Allows all radio communications.
3 CLARITY MODE	"MODE 3"	When operating in high steady-state noise environments and face to face communication is desired.	Blocks external noise, except speech. Allows all radio communications.

READY TO WEAR! **[see Quick Reference Guide for additional guidance]**

Liberator® HP User Guide

1. PRODUCT OVERVIEW
2. FEATURES
3. GETTING STARTED
4. OPERATING MODE DETAIL
5. WEARABLE CONFIGURATIONS
6. USER CARE & CLEANING
7. WARRANTY
8. PART #'S FOR ORDERING HEADBANDS & MOUNTS

1. PRODUCT OVERVIEW

Liberator® HP headsets were engineered to meet the demands of special operations forces, and deliver capabilities, performance, and comfort beyond that of other tactical headsets on the market. A key feature of the Liberator® HP headset is the multi-mode, dual processor that allows for 3 modes of electronic hearing protection.

Proudly Made in the USA.

2. FEATURES

- Ultra-Modern Digital Sound Processing Technology – Multi-Mode Operations
- Voice Prompt Guidance
- Adaptive Suspension Options Available - Behind-the-Head, Over-the-Head, and Helmet-Rail
- Digital Threat Compression Technology, Advanced Digital Processor, and Digital Situational Awareness Enhancement
- Active Noise Cancellation for Steady-State Noise
- Speech Isolation
- Dual Fuel Battery Compartment – Runs on either 2 AAA or 1 CR123
- Automatic Battery Saver Mode
- Designed, Engineered, and Made in the USA

3. GETTING STARTED

I. INSTALLING BATTERIES

This headset requires **2 AAA** batteries (included) or **1 CR123**.
IMPORTANT: *Remove batteries prior to long-term storage*

1. Open the battery compartment door using the throw lever. It will open to the outside of the earcup. *Care should be taken to prevent hooking or snagging with the battery compartment door open.*
2. Place batteries in the battery compartment, noting the polarity indicators (+/-), and close the door.
3. To remove the batteries, tilt the earcup down so the batteries can slide out.

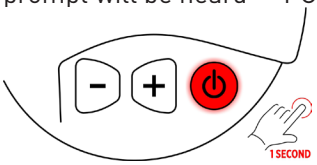
OPEN BATTERY DOOR

INSERT BATTERY
1 CR123 OR 2 AAA

CLOSE BATTERY DOOR

II. POWERING ON

- Power **ON** by pressing the round **POWER** button for **1 second**. A voice prompt will be heard - "POWER ON, MODE 1".
- Power **OFF** by pressing the **POWER** button for **2 seconds**. A voice prompt will be heard - "POWER OFF".



IMPORTANT: Regardless of last mode used before POWER OFF, ***the unit defaults to MODE 1 upon every POWER ON***.

Note: *Feedback can occur if the headset is powered on while not being worn.*

BATTERY SAVER MODE

If no movement is detected after 5 minutes, a series of 5 warning tones and a "POWER OFF" voice prompt will be heard prior to shutting down. Any movement will keep the unit from shutting down. To power the unit back on, press the POWER button for 1 second.

LOW BATTERY WARNING

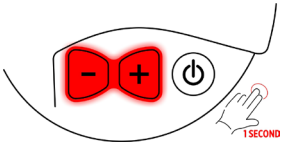
If less than 20 hours of battery life remain, a "LOW POWER" voice prompt will be heard, thereafter, a "CHANGE BATTERY" warning will reppeat every 15 minutes until the batteries are replaced. Change batteries at the earliest convenience.

3. GETTING STARTED (CONTINUED)

III. CHANGING HEADSET MODES

PRESS the **–** and **+** buttons simultaneously for **1 second** to change modes. *A voice prompt will be heard to indicate each mode.*

IMPORTANT: *Regardless of the last mode used before POWER OFF, the unit defaults to MODE 1 upon every POWER ON.*



MODE	VOICE PROMPT	WHEN TO USE	WHAT IT DOES
1 ENHANCED MODE (DEFAULT)	"MODE 1"	Used for most tactical operations requiring the ability to hear speech and audio, recognize threats, and maintain situational awareness while gunfire or explosions may occur without warning.	Blocks impulse noise, allows speech and evnironmental audio to be heard. Allows all radio communications.
2 MOVE MODE	"MODE 2"	When high-level steady-state noise is occurring such as operating in a helicopter, aircraft, boat, or ground vehicle for extended periods.	Blocks external noise. Allows all radio communications.
3 CLARITY MODE	"MODE 3"	When operating in high steady-state noise environments and face to face communication is desired.	Blocks external noise, except speech. Allows all radio communications.

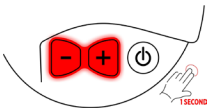
IV. ADJUSTING HEADSET VOLUME (MODE 1 AND 3 ONLY)

Press the **–** button to decrease the volume, or **+** button to increase.
Note: *An escalting or de-escalating tone will be heard for each adjustment. The tones will stop once the maximum or minimum volume is reached.*

4. OPERATING MODE DETAIL

CHANGING HEADSET MODES

PRESS the **–** and **+** buttons simultaneously for **1 second** to change modes. *A voice prompt will be heard to indicate each mode.*



IMPORTANT: Regardless of last mode used before POWER OFF, ***the unit defaults to MODE 1 upon every POWER ON***.

CAUTION: It is important to use the appropriate headset mode based on the current sound environment.

Mode 1 **ENHANCED MODE (**"MODE 1"**)** (Active Noise Reduction)

Blocks impulse noise, allows speech and audio to be heard. Allows radio communications.

When to use: Used for most tactical operations requiring the ability to hear the environment, recognize threats, and maintain situational awareness while gunfire or explosions may occur without warning. Allows all radio communications. **NOTE:** For steady-state noise environments, like vehicular transport, switch to Mode 2 or 3.

What it does: Utilizes external microphones to automatically replicate speech and audio from the environment inside the headset's speakers so the wearer is constantly aware of their surroundings while being continuously protected from dangerous impulse sound levels.

Mode 2 **MOVE MODE (**"MODE 2"**)** (Active Noise Cancellation)

Blocks external noise. Allows radio communications.

When to use: When high-level steady-state noise is occurring such as operating in a helicopter, aircraft, boat, or ground vehicle for extended periods. Allows all radio communications. **NOTE:** If you require the ability to hear speech, switch to Mode 1 or 3.

What it does: Provides active noise cancellation for high-level, steady-state noise by generating a counter tone to neutralize within the earcup. **NOTE:** This mode of operation will also provide additional sound protection of 4-9 dB, a reduction beyond what the earcup can achieve on its own.

Mode 3 **CLARITY MODE (**"MODE 3"**)**

Blocks external noise, except speech. Allows radio communications.

What it does: When operating in high-level, steady-state noise environments and face-to-face communication is desired. Allows all radio communications.

How it works: Blocks external sound, except speech, which is isolated by external microphones and replicated inside the headset allowing face-to-face communication in high-noise environments.

5. WEARABLE CONFIGURATIONS

This headset allows you you to easily change between 3 different wearable configurations that were selected with your original purchase or that can be purchased seperately. (See back page for ordering part #'s)

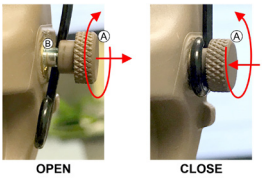
I. BEHIND-THE-HEAD ASSEMBLY

REQUIRES:

Behind-the-Head band

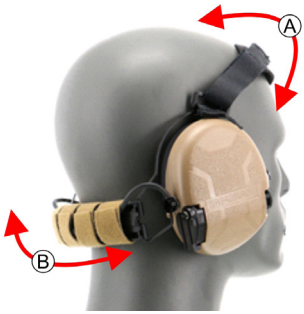
ATTACH BEHIND-THE-HEAD BAND TO EARCUPS

1. Locate the behind the headband.
2. PULL & TURN the textured post (A) on either side of the earcups to extend.
3. Insert the looped ends of the bent wireframe over the interior stainless-steel post (B).
4. TURN POST (A) to retract and close.
5. Feed loose wires along rigid back band and wrap with Velcro headband cover (C).



ADJUST FIT FOR COMFORT

1. Collapse the headband to its minimum adjustment.
2. Adjust the Velcro tabs (A) to adjust position of headset on end user's head so earcups are fully covering the ear.
3. Adjust rigid suspension band (B) at the rear of head to deconflict with helmet suspension at nape of neck.

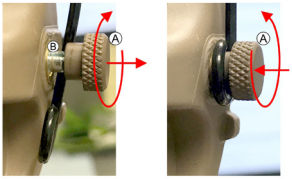


II. OVER-THE-HEAD ASSEMBLY

REQUIRES:
Over-the-Head band

ATTACH OVER-THE-HEAD BAND TO EARCUPS

1. Locate the Over-the-Head band
2. PULL & TURN the textured post (A) on either side of the earcups to extend.
3. Insert the looped ends of the bent wireframe over the interior stainless-steel post (B)
4. TURN POST (A) to retract and close.
5. Feed loose wires along rigid top band and wrap with Velcro headband cover (C).



OPEN CLOSE

ADJUST FIT FOR COMFORT

1. Hold either earcup while gently extending the earcup away from the suspension to its full length.
2. Hold either earcup and align the earcups so they are fully covering the ear (A).
3. While holding the earcup, use fingers to press down on the headband to close it as close as possible to the scalp (B). Repeat step for the opposite earcup.

5. WEARABLE CONFIGURATIONS (CONTINUED)

III. HELMET MOUNT ASSEMBLY

(fits high-cut & low-cut helmets)
The Helmet Mount system allows you to easily attach the Liberator® to a helmet and adjust the position anywhere along the rail.

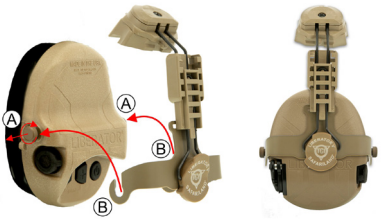
REQUIRES:

- Helmet w/ Rail System
- 2 Scorpion Mounts

ATTACHING TO HELMET

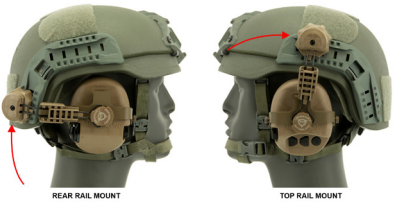
ATTACH SCORPION MOUNTS TO EARCUPS

1. PULL & TURN textured posts (A) on either side of the earcups to extend.
2. Insert the open ends of the bracket (B) into the open posts (A).
3. TURN POST (A) to retract and close.



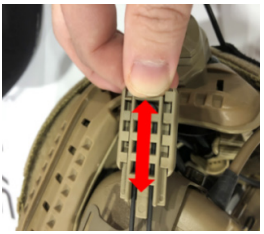
ATTACH SCORPION MOUNT TO HELMET RAIL

Slide the head of the Scorpion Mount onto the front or back entrance of the rail. Continue to slide along the rail until positioned as desired.



ADJUST LENGTH OF SCORPION MOUNT TO REFINE EARCUP POSITION

Slide the middle rectangular section of the Scorpion housing up or down to adjust the length



6. USER CARE & CLEANING FOR HEADSET

HEADSET CLEANING & DISINFECTING

- Visibly dirty surfaces should be cleaned with mild soap and water.
- DO NOT USE AEROSOLS, such as Lysol. Aerosols may inadvertently leak disinfectant into critical electronic components and render the product inoperable.
- Avoid using compressed or canned air on speakers and microphones.
- Use only EPA-registered disinfectant wipes.
- Refer to product label for the required contact time (how long the disinfectant should remain on the surface), the product shelf-life, and all safety instructions prior to handling and use.
- The surface should remain 'visibly wet' for the prescribed contact time in order to produce disinfection.
- It may be necessary to use more than 1 wipe to keep the surface wet for the recommended contact time.
- After prescribed disinfectant contact time, surface may be wiped dry, or the surface may be allowed to air dry.

WATER INTRUSION

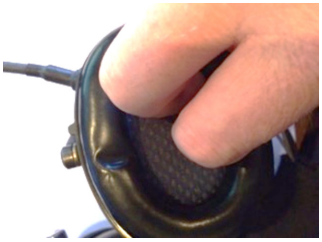
- Drain & air dry
- For saltwater exposure, dunk in freshwater 3 times then drain & air dry
- Avoid using compressed or canned air on speakers and microphones.

RECOMMENDATIONS FOR STORAGE / TRAVEL

- The headset system must be completely dry prior to being placed into storage.
- Batteries should be removed prior to long-term storage.
- If utilizing the Scorpion helmet mounts, it is recommended that the earcups be removed from the mounts and stored inside the helmet shell.
- The Scorpion mount arms can be rotated to run along the helmet rail and locked into place.
- All systems should be stored in a protected manner, taking extreme care to prevent damage from loading and unloading of storage containers or bags.

EAR SEAL REMOVAL / REPLACEMENT

- Replace ear seals annually or on equipment re-issue.
- Before replacing ear seals, install a new foam hygiene pad with the circle cut out facing the speakers inside the earcups.
- Using 2-3 fingers, firmly lift up the inner edge of the ear seal. The ear seal is snapped into the earcup with a rubber gasket which can make the engagement very tight. **IMPORTANT: DO NOT USE any tool, such as a screwdriver, to remove ear seals.** This could cause damage to the printed circuit board located under the foam hygiene pad.



Align the new ear seal to the inside lip of the earcup and snap it into place. Workaround the entire ear seal to ensure it is seated properly.

7. EXPRESS LIMITED WARRANTY

Safariland™ (the "Company") warrants its products to be free from defects in materials and workmanship for a period of one (1) year from date of purchase. This warranty is subject to the proper Care and Maintenance of the product and proper use of the product as detailed in the Consumer and Safety Information.

If you believe this product has any defects in materials or workmanship, cease use immediately and contact customer service for a remedy. If a product proves to be defective in material or workmanship, we will repair or replace the product and send it to you at the Company's expense. All returns must include the proof of purchase and documentation specifying the claimed defect.

This is a LIMITED WARRANTY, and is the sole and exclusive warranty of this product by the Company. It shall not be enlarged by any representations, descriptions, course of dealing, trade usage, rendering of technical advice, service or otherwise. Furthermore, it shall not be altered or expanded by any acts, statements, or agreements of any dealer, employee or agent of the Company (other than by a duly authorized officer of the Company).

THE COMPANY MAKES NO OTHER WARRANTIES EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

IN NO EVENT SHALL THE COMPANY BE LIABLE FOR ANY PUNITIVE, EXEMPLARY, OR CONSEQUENTIAL DAMAGES, ANTICIPATED OR LOST PROFITS, INCIDENTAL DAMAGES, LOSS OF TIME, OR OTHER INDIRECT LOSSES OR EXPENSES THAT ARISE FROM ANY CAUSE RELATING TO THE PRODUCT, REGARDLESS OF THE FORM OF THE ACTION, WHETHER IN TORT (INCLUDING NEGLIGENCE), CONTRACT, STRICT LIABILITY OR OTHERWISE, AND REGARDLESS OF WHETHER THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

For any warranty issue, please contact customer care for a prompt resolution to your concern at the number provided below.

(800) 347-1200 or (909) 923-7300.

8. OPTIONAL BAND & MOUNT PART #'S

OVER-THE-HEAD BAND
Tan Part#
OTH-ADAPTIVE-SUSPENSION-KIT-FDE
Black Part#
OTH-ADAPTIVE-SUSPENSION-KIT-BLK

BEHIND-THE-HEAD BAND
Tan Part#
BTH-ADAPTIVE-SUSPENSION-KIT-FDE
Black Part#
BTH-ADAPTIVE-SUSPENSION-KIT-BLK

HELMET MOUNT
Tan Part#
ADAPTIVE-RAILMOUNT-KIT-FDE
Green Part#
ADAPTIVE-RAILMOUNT-KIT-ODG
Black Part#
ADAPTIVE-RAILMOUNT-KIT-BLK

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