



# **TIGER** **PERFORMANCE**

## **SAR / CREW HELMETS**



***Available with the largest selection of  
Helmet Communication Configurations in the World***

**Tiger Performance Products, Inc.**

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# TIGER PERFORMANCE PRODUCTS

## Gecko Cut Away & Open Face SAR/Crew Helmets

The Gecko SAR (Search and Rescue) Helmets are high quality and a low profile and can be configured to meet mission requirements. The Gecko Cut Away Helmets have a patented inflatable air bladder system providing unparalleled fit, comfort and stability.

**Applications:** Search And Rescue (SAR), Medical Rescue, Military, Police, Fire Rescue, Utility, Offshore transport.

**Available Colors:** White, black, black matte, yellow, orange, red, blue, fluorescent yellow, fluorescent orange

### Standard Helmet Features:

- Inflatable air balloon liner
- NVG compatible
- Lightweight construction
- One size fits all
- Compact low profile design
- All non corrosive components used

**Weight** (without padding or communications)

620 grams, 1.37 pounds

### Sizing

57cm-62cm, 22.0in-24.8in

*Note: Foam Headliner provides shock absorption from impact in the crown area and additional floatation from its foam construction.*

### Optional Features:

- Snap on short or long visor - clear, clear with black studs, smoke, dark, yellow
- Retro reflective strips - silver or black
- Vinyl text - white, yellow, orange, red, blue, green, black
- Tiger NVG quick release mount
- 1 hole NVG mount
- 3 hole NVG mount
- NVG power supply - velcro or slide bracket mounts
- Padded or dry storage bag

### Parts and Accessories:

- Long visor - clear, smoke, dark, dark with black studs
- Short visor - clear, smoke, dark, clear with black studs
- Retro reflective strips - silver, black
- Retro reflective text - silver, red, blue, black
- Vinyl text - white, yellow, orange, red, blue, green, black
- Goggles
- Goggle attachment set
- Dry or padded storage bag

### Certifications:

Marine Safety Helmet - PAS 078:2002

Mountaineering Helmet - EN12492

Eye Protection - BS4110 (with compatible visor)

EAR Defense EN352-1 (with equivalent ear defenders)

EAR Defense EN352-3 (with equivalent ear defenders)



**Gecko Cut Away SAR/Crew Helmet shown with X4 Headset**



**Gecko Open Face SAR/Crew Helmet shown with clear long visor**



**Gecko Open Face SAR/Crew Helmet shown with clear short visor**

## Gecko Helmet Colors

Available in 9 colors



White



Black



Black Matte



Yellow



Orange



Red



Blue



Fluorescent Yellow



Fluorescent Orange



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# TIGER PERFORMANCE PRODUCTS

## 3M™ Peltor™ Ultra Lightweight (ULW) Ballistic SAR/Crew Cut Away Helmet

The first multi-use helmet for bump and ballistic operational requirements. Engineered to provide outstanding head protection – while reducing weight for improved mobility. Built with similar sizing dimensions to the U.S. Military ACH helmet, the ultra lightweight ballistic helmet has a higher cut, allowing for desired benefits and accessories as used by U.S. and Alliance Special Forces. Modular mounting platforms can be attached without requiring holes in the shell, enabling the use of standard picatinny shelf rails that accept most operational accessories.

The helmet is compatible with hearing protection and Communications systems such as the 3M™ Peltor™ COMTAC™ III, via rail adaptors that allow it to mount directly to the rails. The entire retention system is attached to the ballistic shell using a bolt less design – minimizing overall system weight and eliminating the possibility of bolts becoming secondary projectiles.

**Optional Accessories:** 3 point NVG shroud and hook and loop exterior applique

### Applications:

- Jump – head protection when parachuting for military paratroopers
- Bump – head protection from bumping objects for military ground forces
- Ballistic – head protection against handgun rounds and ballistic fragments

Two retention system options are available, both of which offer stability to the helmet:

### Team Wendy Cam-Fit™

3M™ X-Back Retention System - The ultra lightweight ballistic helmet comes standard with D3O® TRUST suspension pad set, 3M X-Back retention system and side rails

**Available Colors:** Black, Camo Green, Coyote Brown

\*\*Custom camo finishes available upon request

### Helmet Features:

- Flexible rail system that offers compatibility with most standard accessories.
- Rail is mounted on shell without use of thru bolts
- Areal weight of 1 lb per square foot (5 kg/m<sup>2</sup>)
- Blunt Impact Protection meets ACH specification as tested across all available sizes using D3O® TRUST suspension pad set
- Compatible with most industry standard 1 and 3 hole NVG mounts
- Defeats multiple 9 mm FMJ (full metal jacket) at 1400 fps
- Provides fragmentation protection >2,296 ft/s (700 m/s) V50 against 17 grain (22 caliber) FSP
- Excellent stability
- Bolt less retention system
- All non corrosive components used
- EAR controlled product

### Specifications:

M-XL finished Shell (L) <600 g (with edge trim and paint)

### Standards:

- Meets a minimum V50 of 2,296 ft/s (700 m/s) tested against 17 grain (22 caliber) FSP following STANAG 2920
- Meets NIJ Level IIIA when tested in accordance with NIJ STD 0106.01 / 0108.01



3M™ Peltor™ Ultra-Light-Weight Cut Away Ballistic Aviation Crew Helmet



## 3M™ Peltor™ Ultra Lightweight Helmet Colors

Available in 3 colors or Custom Camo Paint



Black

Camo Green

Coyote Brown



# TIGER HELMET COMMUNICATION SELECTIONS

TIGER Communications are assembled in-house and include the highest quality components and workmanship, which assures years of dependable service.

## TIGER PNR WATERPROOF CUT AWAY HELMET MOUNTED HEADSET COMMUNICATION

### Features

- Environmental Protection- IP68 (dust and extended water submersion)
- EMI Protection- EN397:1995
- Noise Attenuation- 32NRR, 43.1 @ 4000 Hz
- Ear Cups- X4 with vinyl ear cushions
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- PNR Speakers- military H143/AIC waterproof high or low impedance
- Communication Cords- Straight or coiled with multiple communication plug choices
- Low impedance Microphones- waterproof M87/AIC (wire boom) or M101/AIC (flex boom)
- High Impedance Microphones- waterproof M7 (wire boom) or M7A (flex boom)
- Optional- volume control, ear cup mounted single or dual stereo
- Optional- gel ear seals
- Optional- CEP or CME, plugs into ear cup
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



## TIGER PNR WATERPROOF OPEN FACE HELMET COMMUNICATION

### Features

- Environmental Protection- IP68 (dust and extended water submersion)
- EMI Protection- EN397:1995
- Noise Attenuation- 32NRR, 43.1 @ 4000 Hz
- Tiger Earcup Noise Attenuation Kit
- PNR Speakers- military H143/AIC waterproof high or low impedance
- Communication Cords- Straight or coiled with multiple communication plug choices
- Low impedance Microphones- waterproof M87/AIC (wire boom) or M101/AIC (flex boom)
- High Impedance Microphones- waterproof M7 (wire boom) or M7A (flex boom)
- Optional- CEP or CME, with waterproof connectors
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



## 3M PELTOR COMTAC III TACTICAL/PNR HEADSET COMMUNICATIONS

**3M Peltor Tactical/PNR Hear Through** includes headset mounted omni-directional electret microphones mounted on the left and right side of the helmet, power on/off and volume up/down buttons. The tactical features provide tactical communication and hearing protection for today's modern military and law enforcement operatives. Our amplification boosts the ability to hear low level environmental sounds, while instantly limiting dangerous noises like gunfire, to lower listening levels.

### Features

- Environmental Protection- IP68 (dust and extended water submersion), Department of Defense, MIL STD 810F
- Hearing Protection- DA PAM-40-51 Army Hearing Program 2015 with steady SATE an impulse noise
- Sound Suppression- 85 DbA
- Noise Attenuation- 23NRR, 36.3 DbA @ 4000 Hz
- Ear Cups- low profile with vinyl ear seals
- Available Colors- black, coyote brown (tan) and foliage green
- Headset Styles- Headband, Neckband, ARC Rail or Direct Helmet Mounted
- Helmet Ear Cup Mounts- 3M Peltor Multi Adjustable rotating ARC rail insulated wire frame attachment for Tactical Helmets or Direct Helmet Mount
- Hear Through Microphones- Left and right ear cup mounted
- Power requirements- (2) AAA batteries
- Impedance- low or high impedance
- Plug In Use- Portable Radios, intercom systems and wireless belt station
- Communication cords- Straight or coiled with multiple plug choices
- Clothing clip

### Additional Features

- 500 hours battery life
- Durable finish
- Non corrosive hardware
- High Speech Quality
- Level dependant surround sound talk through function with adjustable voice amplification
- Left and Right Boom Microphone position
- Optional Ear Cup Mounts - custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- Optional- Gel ear seals
- Optional- plug in ear pieces
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



# TIGER HELMET COMMUNICATION SELECTIONS

## TIGER ANR AIRCRAFT POWERED CUT AWAY HELMET MOUNTED HEADSET COMMUNICATIONS

### Features

- Environmental Protection- IP64 (dust and extended water submersion)
- EMI Protection- EN397:1995
- Noise Attenuation- 32NRR, 43.1 @ 4000 Hz
- Ear Cups- X4 with vinyl ear cushions
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- ANR Speakers- Military grade high or low impedance
- Power Requirements- 12-24 volt aircraft power regulated to 9 volts
- Communication Cords- straight or coiled with multiple communication plug and ANR power choices
- Low Impedance Microphones- waterproof low M87/AIC (wire boom) or M101/AIC (flex boom)
- High Impedance Microphones- waterproof M7 (wire boom) or M7A (flex boom)
- ANR on/off membrane switch
- Volume Control- ear cup mounted single or dual stereo
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



## TIGER ANR 9 VOLT BATTERY PACK POWERED CUT AWAY HELMET MOUNTED HEADSET

### Features

- Environmental Protection- IP64 (dust and extended water submersion)
- EMI Protection- EN397:1995
- Noise Attenuation- 32NRR, 43.1 @ 4000 Hz
- Ear Cups- X4 with vinyl ear cushions
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- ANR Speakers- Military grade high or low impedance PNR
- Power Requirements- (1) 9 volt battery
- Communication Cords- straight or coiled with multiple communication plug and choices
- Low Impedance Microphones- waterproof low M87/AIC (wire boom) or M101/AIC (flex boom)
- High Impedance Microphones- waterproof M7 (wire boom) or M7A (flex boom)
- ANR on/off membrane switch
- Volume control (single or dual stereo)
- ANR Power- helmet mounted 9 volt battery soft pouch with ANR on/off toggle switch
- Volume Control- ear cup mounted single or dual stereo
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



## TIGER TACTICAL/ANR CUT AWAY HELMET MOUNTED HEADSET COMMUNICATIONS

**Experience complete situational awareness. With the Tiger tactical hear through feature you will now have volume adjustable super human surround sound stereo hearing while having complete impact noise protection with 82DbA noise suppression. This system is so effective that you will be able to hear people talking from long distance with your helmet on. For SAR and medical rescue ground or hoisting operations, when used with the Tiger wireless belt station you will be able to talk on the aircraft intercom or radio system and simultaneously talk to injured personal or anyone else without removing your helmet..**

### Features

- Environmental Protection- IP64 (dust and extended water submersion)
- EMI Protection- EN397:1995
- Noise Attenuation- 32NRR, 43.1 @ 4000 Hz
- Ear Cups- X4 with vinyl ear cushions
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- ANR Speakers- Military grade high or low impedance
- ANR Power Requirements- (1) 9 volt battery
- Communication Cords- straight or coiled with multiple communication plug and ANR power choices
- Low Impedance Microphones- waterproof low M87/AIC (wire boom) or M101/AIC (flex boom)
- High Impedance Microphones- waterproof M7 (wire boom) or M7A (flex boom)
- Tactical/ANR Cord Mounted Hand Controller- with master on/off, tactical and ANR multi color LED's, tactical hear through +/- volume buttons, 82 DbA peak noise suppression, spring clothing clip, 9 volt replaceable battery, optional lithium ion rechargeable battery with wall charger, optional low/high impedance switch
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



# TIGER HELMET COMMUNICATION SELECTIONS

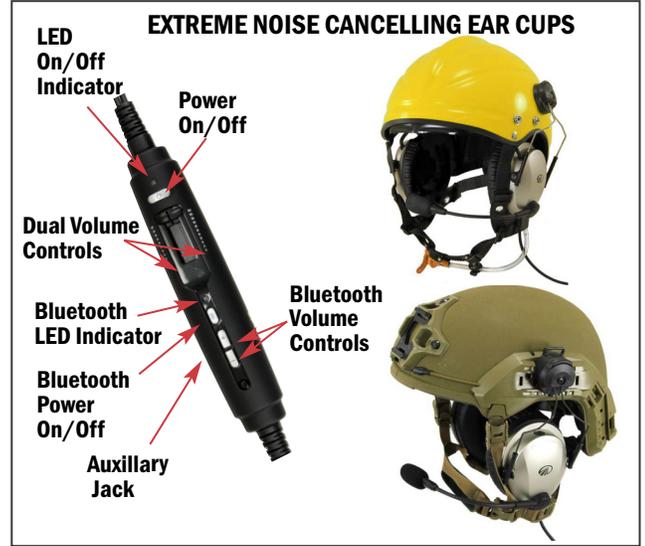
## LIGHTSPEED ZULU 3 ANR BLUETOOTH CUT AWAY HELMET MOUNTED HEADSET COMMUNICATIONS

Only Zulu 3 premium Active Noise Reduction and audio solution offers these exclusive features:

- A premium solution engineered specifically for helmet wearers and their unique operating environment
- 3-year warranty offers protection against defects in materials and workmanship
- Detachable, Kevlar-reinforced cable for faster, safer egress

Every Lightspeed Zulu 3 includes the advanced features that have made Lightspeed the choice of private and professional pilots around the globe:

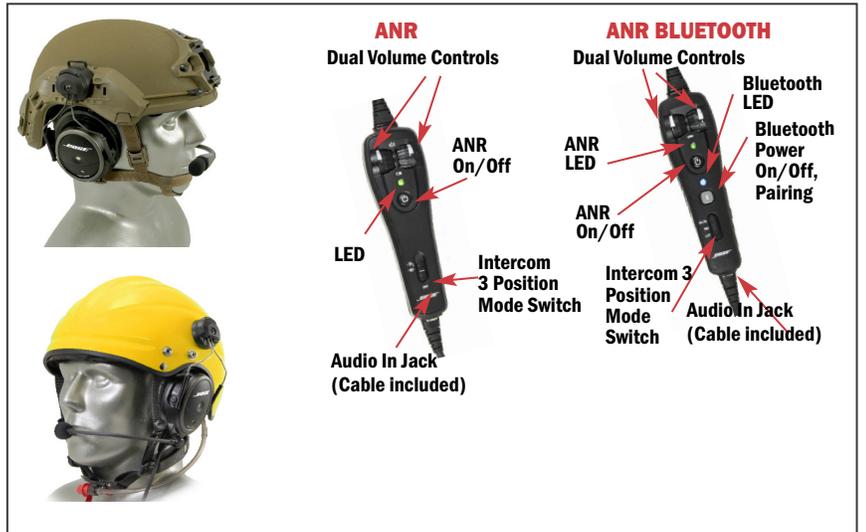
- Exceptional noise-cancelling performance and audio clarity
- Full Bluetooth integration for excellent call clarity, music fidelity, and wireless access to audio alerts from aviation apps
- 20% more ear seal surface area than our closest competitor, for a better seal and comfortable distribution of weight and side pressure; 30% more space for your ear inside the ear cup
- Patented ComPriority™ soft-mute feature lowers the volume of any auxiliary device automatically during radio or intercom transmissions
- Lightspeed's proprietary Auto Shutoff™ saves battery life
- Auxiliary wired input offers an additional option for connecting a cell phone or other audio device
- Included: 2 AA alkaline batteries, 1 (one) iPhone cable, cable clip
- Battery power supply: 3V, two AA Batteries ; Panel aircraft 8-40 VD
- Custom 3M Peltor Multi Adjustable rotating ear cup wire mounts
- Lightspeed Flex boom microphone
- Optional ANR Power Plug Adapter
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



## BOSE A20 ANR & ANR BLUETOOTH CUT AWAY HELMET MOUNTED HEADSET COMMUNICATIONS

### Features

- Ear Cups- Bose A20 High Noise Attenuating Ear cup Modules with plush ear seals
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating insulated wire frame attachment
- Microphone- Bose flex boom microphone
- Versions- Bluetooth and non Bluetooth
- Audio In Jack
- Communication Cords- 5' straight or 3' coiled with inline hand controller
- ANR Power Requirements- (2) AA batteries
- Comm priority, which lowers the volume of any auxiliary device automatically during radio or intercom transmissions
- Clothing clip
- Headset bag
- Optional Tiger waterproof low or high impedance boom microphones
- Optional Cobra microphone- low impedance, 5 Ohm Dynamic for wire or flex boom
- Optional Cobra microphone- 150 Ohm for wire or flex boom
- Optional Cobra microphone- high impedance amplified electret for wire or flex boom



# WIRELESS COMMUNICATIONS

## TIGER WIRELESS CUT AWAY HELMET MOUNTED HEADSET COMMUNICATIONS

**TOTAL FREEDOM - 300-2000 FT RANGE**

### Features

- Environmental Protection- IP64 (dust and water splashing)
- Noise Attenuation- 24NRR
- Ear Cup Mounts- custom 3M Peltor Multi Adjustable rotating wire frame attachment
- Ear Cups- high Noise attenuating with vinyl ear seals
- Speakers- waterproof military H143/AIC
- Microphone- waterproof military M101/AIC with heavy duty flex boom
- Power Requirements- internal rechargeable lithium ion battery with 100-240 volt wall charger
- Auto Shut Off
- Volume Control- ear cup mounted
- Easy pairing process
- Internal antenna
- Optional- long range ear cup mounted external antenna
- Optional- extended long range external antenna embedded inside helmet shell (Gecko helmets only)
- Optional- gel ear seals
- Optional- portable radio connectivity
- Optional- non wireless plug in intercom system cords
- Optional- CEP or CME



Gecko Cut Away Helmet with Wireless Headset and Helmet Shell Mounted Internal Antenna

## TIGER WIRELESS BELT STATION for PLUG-IN COMMUNICATIONS

### CONVERT YOUR EXISTING PLUG-IN HEADSET OR HELMET TO BLUETOOTH WIRELESS

**ALLOWS CONVENTIONAL PLUG-IN HEADSETS OR HELMETS TO COMMUNICATE WITH ANY OTHER HEADSET, HELMET OR BELT BOX!**

**200-3000 ft Range**

Available for use with most commercially available headsets and helmets, this adapter is designed for use in multiple applications. The transceiver cable plugs into the vehicle intercom, portable handheld or mobile radios.



### Includes:

Lithium Ion battery, power on/off button and 110 - 220 volt wall charger.

### Standard Wireless Belt Station Features:

- Waterproof IP68 Rated
- Rugged Non Corrosive Powder Coated Aluminum Enclosure
- Membrane on/off/Power/pairing Button
- Easy Pairing Process
- Auto Shut Off
- Long Range External Dome Antenna
- Microphone VOX/PTT Button
- Portable Radio PTT and Radio Cable Jack

- Auto Reconnect When Belt Station is in Range of the Transceiver
- Battery Life, approximately 20 hours Continuous Use
- Dual Color LED for Power on/off/Pairing/Battery Level
- Tone Alert for Low Battery and Battery State
- Low Power Consumption Mode when Belt Station is within 5-10' of Transceiver
- 110-220 volt Wall Charger
- Optional Microphone on/off Button
- Optional ICS radio PTT Button

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# WIRELESS COMMUNICATIONS

## WIRELESS WATERPROOF TRANSCIVER OPTIONS

### **Every Wireless Headset or Belt Station Kit requires a mating transceiver**

Wireless Transceivers are available in high or low impedance, 7-24 volt or Lithium Ion Battery Powered. Cables are available in 2', 5', 10', & 15' lengths

#### **Standard Wireless 7-24 Volt Transceiver Features:**

- Waterproof IP68 Rated
- Rugged Non Corrosive Powder Coated Aluminum Enclosure
- Membrane on/off/Power/pairing Button
- Easy Pairing Process
- Dual Color LED for Power on/off/Pairing
- External Dome Antenna
- Waterproof ICS and power jacks
- 7-24 volt power range
- Digital Noise reduction, DNR
- Rugged Transceiver Cable sold separately
- Optional High/Low Impedance Toggle Switch
- Optional Remote Blade style antenna (3'-10' cable length)



Shown: Bluetooth Wireless Rechargeable Battery Powered Transceiver

Waterproof Transceiver to Intercom Interface Cable with Helicopter Plug



#### **Standard Waterproof Rechargeable Battery Powered Transceiver Features:**

- Waterproof IP68 Rated
- Rugged Non Corrosive Powder Coated Aluminum Enclosure
- Membrane on/off/Power/pairing Button
- Easy Pairing Process
- Dual Color LED for Power on/off/Pairing
- External Dome Antenna
- Waterproof ICS jack
- Rechargeable Lithium ion Battery
- Battery Life, approximately 20 hours Continuous Use
- Digital Noise reduction, DNR
- Rugged Transceiver Cable sold separately
- Optional High/Low Impedance Toggle Switch
- Optional Remote Blade style antenna (3'-10' cable length)



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**We offer only the most advanced Bluetooth ANR**



**TIGER Performance, where you expect the Highest Quality & most Advanced Technology in Helmet & Headset Communication Systems**