



TIGER PERFORMANCE

NORTH AMERICAN DISTRIBUTOR FOR MSA HELMETS

MSA helmets are especially designed and developed for the aviation pilot, available for all helicopter, fixed wing, agricultural and warbird applications.

MSA AVIATION HELMETS



***Available with the largest variety of
Helmet Communication Packages
in the World***



LH050
Single Inner Visor
Helicopter Helmet



LA100
Dual Visor
Jet Pilot Helmet



LH250
Dual Visor
Helicopter Helmet



LH350
Dual Visor
Helicopter Helmet

Tiger Performance Products, Inc.

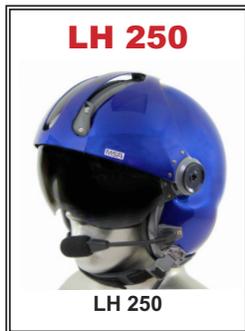
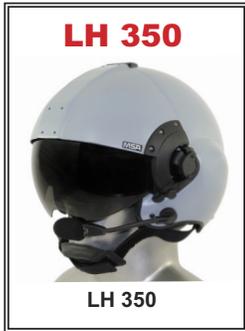
■ phone: 1.716.674.8545 ■ fax: 1.716.674.7497

■ shawkins@tigerperformance.com ■ www.tigerperformance.com

TIGER PERFORMANCE PRODUCTS

MSA AVIATION HELMETS

More Features, Highest Quality and Lowest Prices for the most Complete MSA Helmet Package in America



LH 250 / LA 100 Visor Cover Options

Carbon (CV) Visor Cover	NVG Screwed Support Carbon (SSV) Visor Cover	NVG Screwed Support Carbon (CAV) Visor Cover with ANVIS Adapter
Thermo Plastic (TP) Visor Cover		
	LH 250	LA 100
		NVG Screwed Support Carbon (CAVQR) Visor Cover with ANVIS Adapter and TIGER Quick Release NVG Adapter

MSA LH050/250 & LA100 Helmets and Visor Covers are available in 14 colors
LH350 is available in 2 additional colors



LH 050



LH 250



LA 100



LH 350

MSA LH050 / LH250 / LA100 STANDARD HELMET FEATURES

- Comfort Liner Kit with 4 interchangeable pads
- Genuine MSA ear cups with vinyl ear seals
- Two shell sizes: (XS,S,M) and (L,XL,XXL)
- Visor color options: smoke, green, yellow, clear
- Adjustable spring loaded outer visor
- Rotating inner visor
- Inner Visor Anti-Rotation Detent
- Cloth nape pad with stiffener (3 different thicknesses provided)
- Adjustable leather chin strap
- Stackable earcup spacer pad kit (8 pads supplied)
- Removable leather edge roll (available in 3 thicknesses)
- Removable soft outer visor protective cover (Non hard cover models only)
- Communications ready
- MSA Premium Canvas Heavy Duty Helmet/Crew Bag
- Cloth helmet bag with draw string
- Lightweight Kevlar and Carbon Fiber construction

MSA LH350 STANDARD HELMET FEATURES

- Comfort Liner Kit with 4 interchangeable pads
- Genuine MSA ear cups with vinyl ear seals
- Three shell sizes: (S-52-55cm/M-56-59cm and L-60-64cm)
- 2 Rotating visors
- Visor color options: smoke, green, yellow, clear
- Cloth nape pad with stiffener (3 different thicknesses provided)
- Adjustable leather chin strap (split chin strap also available)
- Stackable earcup spacer pad kit (8 pads supplied)
- Removable leather edge trim
- NVG Ready
- Communications ready
- MSA Premium Canvas Heavy Duty Helmet/Crew Bag
- Cloth helmet bag with draw string
- Compact and Low Profile Design
- Lightweight Carbon Aramid and Poly Lithium construction

OPTIONAL HELMET FEATURES

- Memory Foam Comfort Liner
- Flexible High Noise Attenuation Earcups with Gel Ear Seals
- Comfort Cup Earcups with Quiet Inserts
- TIGER Quick Release Chin Strap
- Non NVG and NVG Adapter Visor Covers
- TIGER NVG Quick Release Adapter
- TIGER Maxillo Face Shield
- Go Pro Quick Release Camera mount
(Use with TIGER Quick Release NVG Adapter)

MSA POLYCARBONITE MAXILLO FACESHIELD KIT

For the MSA LH050 and LH250 Helmets

The most effective Helicopter Helmet Face Shield on the market today.

Protect your face and communicate much more effectively.

Ballistic Rating: 17gr @ 550fps

Fragmentation protective .125" thick optically clear injection molded polycarbonite Maxillo Face Shield Kit with quick release hinged latches installed on helmet.

The Maxillo Face Shield safeguards the lower face from rotor wash, flying debris, and windblast during helicopter operations. The protective shield attaches to the helmet with a complete installation kit, offering an interface between shield and visor that avoid the fogging effect due to breathing. The Face Shield Kit is compatible with wire, flex or Wire/flex standard boom microphones and can be placed on helmet forehead when not in use.

Available in Clear, Amber, Tint, Chrome or Iridescent.

Available sizes: S/M or L/XL

Features:

- Provides full field of vision
- Lightweight
- Anti fog and scratch coated
- Hinges open 120 degrees
- Easy to latch and unlatch on either side
- Easy to remove
- Positive locking
- Protects microphone and face from wind, rotor wash, rain, dust and bird strikes
- May be used with wire or flexible style microphone booms
- May also be partially or fully painted



MSA LH250 Helmet Shown with Clear Maxillo Face Shield

TIGER QUICK RELEASE MSA CHIN STRAP

Fits the LA100, LH050, and the LH250 Flight Helmet Models.



TIGER NVG UNIVERSAL HELMET MOUNT ADAPTER FOR MSA HELMETS

The universal adapter allows quick and easy attachment of the night vision device and enables sharing of goggles with other helmet brands eliminating the added cost of multiple fixed mounts.

Available for MSA Gallet LH 05/250/100/350.



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 AVIATION HELMET COMMUNICATIONS

Features

- Ear Cups- military flexible ear cups with vinyl or gel ear seals or Comfort cup memory foam soft ear cups with quiet kit inserts
- 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) FAA TSO C-139 certified
- Optional- volume control, helmet mounted single or dual stereo
- Optional- detachable cable
- Optional- CEP or CME



TIGER TACTICAL/PNR AVIATION HELMET 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 82 Dba 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

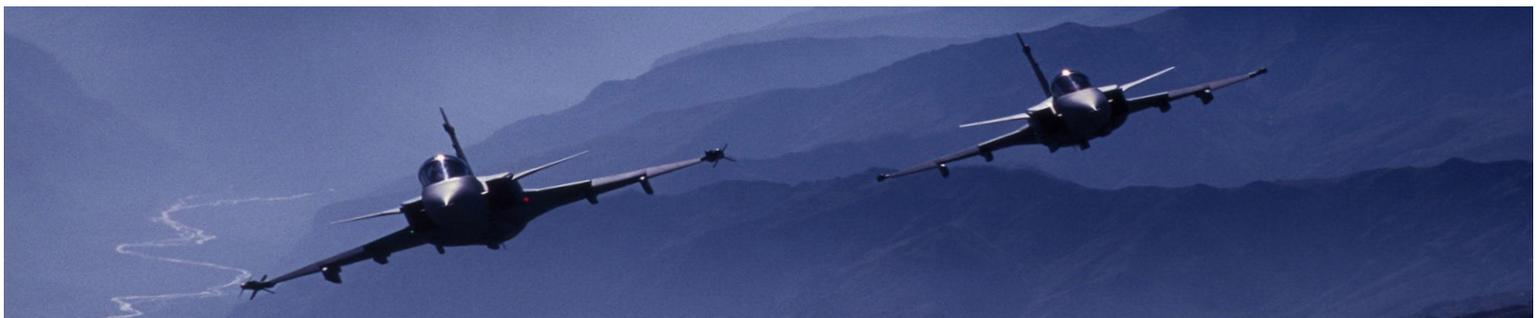
- Ear Cups- military flexible ear cups with vinyl or gel ear seals or Comfort cup memory foam soft ear cups with quiet kit inserts
- PNR Speakers- military H143/AIC high or low impedance
- Communication cords- straight or coiled with multiple communication plug choices
- Low Impedance Boom Microphones, waterproof M87/AIC (wire boom) or M101/AIC (flex boom)
- Gel ear seals
- Tactical/PNR cord mounted hand controller, with master on/off, tactical multi color LED, tactical hear through +/- volume buttons, 82 Dba peak noise suppression, clothing clip, 9 volt replaceable battery, optional lithium ion rechargeable battery with wall charger



TIGER ANR 9 VOLT BATTERY POWERED OR AIRCRAFT POWERED AVIATION HELMET COMMUNICATIONS

Features

- Ear Cups- military flexible ear cups with vinyl or gel ear seals or Comfort cup memory foam soft ear cups with quiet kit inserts
- ANR Speakers- military grade 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 Boom Microphones, waterproof M7 (wire boom) or M7A (flex boom)
- Optional- volume control, helmet mounted single or dual stereo
- Optional- detachable cable
- Optional- CEP or CME



TIGER HELMET COMMUNICATION SELECTIONS

TIGER TACTICAL/ANR AVIATION HELMET 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 82 DbA 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

- Ear Cups- military flexible ear cups with vinyl or gel ear seals or Comfort cup memory foam soft ear cups with quiet kit inserts
- ANR speakers, military grade high or low impedance
- Communication cords- straight or coiled with multiple communication plug choices Low Impedance Boom Microphones, waterproof M87/AIC (wire boom) or M101/AIC (flex boom)
- Gel ear seals
- Tactical/ANR cord mounted hand controller, with master on/off, tactical multi color LED, tactical hear through +/- volume buttons, 82 DbA peak noise suppression, clothing clip, 9 volt replaceable battery, optional lithium ion rechargeable battery with wall charger



LIGHTSPEED ZULU H-Mod ANR BLUETOOTH AVIATION HELMET COMMUNICATIONS

Only Zulu H-Mod 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 H-Mod 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
- Lightspeed Flex boom microphone
- Optional ANR Power Plug Adapter



BOSE A20 ANR & ANR BLUETOOTH AVIATION HELMET COMMUNICATIONS

Features

- Ear Cup Modules- Bose A20 High Noise Attenuating with plush ear seals
- Bose flex boom microphone
- Impedance- low impedance (without Bluetooth), high impedance (with or without Bluetooth)
- Audio In Jack
- Communication Cords- Bose 5' straight or optional Tiger 5' coiled both with inline hand controller
- Cell phone and music connectivity
- Comm priority, which lowers the volume of any auxiliary device automatically during radio or intercom transmissions
- Clothing clip
- Optional-Tiger waterproof low or high impedance boom mics
- Optional- CEP or CME



WIRELESS COMMUNICATIONS

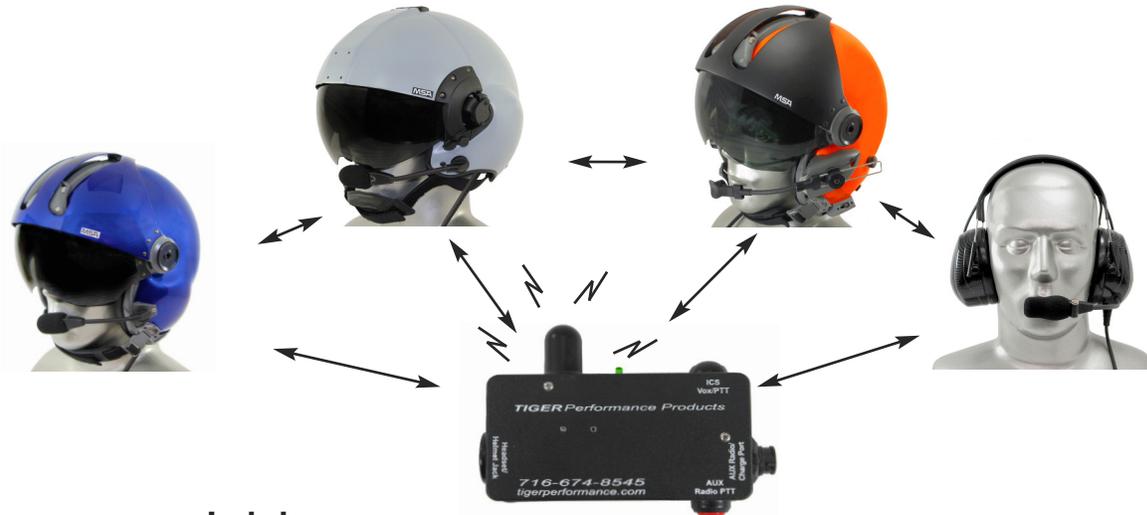
TIGER WIRELESS BELT STATION for PLUG-IN COMMUNICATIONS

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

WIRELESS WATERPROOF TRANSCEIVER OPTIONS

Every Wireless Headset or Belt Station Kit requires a mating transceiver

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)

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



Waterproof Transceiver to Intercom Interface Cable with Helicopter Plug



Shown: Bluetooth Wireless Rechargeable Battery Powered Transceiver

Tiger Performance Products, Inc. ■ phone: 1.716.674.8545

MSA Helmets are qualified in the US Dept of Interior ALSE Handbook

Independent testing performed at ITS laboratories, USA, visit www.tigerperformance.com for detailed test reports

MSA Helmets					
Visors	Meets or exceeds EN1836 (1997), optical class 1, MIL-V-43511C, UV protected				
Shell Construction	Aramid Fiber				
Helmet Liner (See Note *)	Pre-formed thermoplastic				
Weight (without padding or communications)	LH 050	Small Shell: 652 Grams, 1Lb. 7oz.	Small Shell with Mask Receivers: 709 Grams, 1Lb. 9oz.		
		Large Shell: 709 Grams, 1Lb. 9oz.	Large Shell with Mask Receivers: 765 Grams, 1Lb. 11oz.		
	LH 250	Small Shell without visor cover: 765 Grams, 1Lb. 11oz.	Small Shell with visor cover: 907 Grams, 2Lb. 0oz.		
		Large Shell without visor cover: 879 Grams, 1Lb. 15oz.	Large Shell with visor cover: 1020 Grams, 2Lb. 4oz.		
	LA 100	Small Shell without visor cover: 875 Grams, 1Lb. 13oz.	Small Shell with visor cover: 963 Grams, 2Lb. 2oz.		
		Large Shell without visor cover: 936 Grams, 2Lb. 1oz.	Large Shell with visor cover: 1077 Grams, 2Lb. 6oz.		
	LH 350	Small Shell: 1162 Grams, 2Lb. 9oz.			
		Medium Shell: 1191 Grams, 2Lb. 10oz.			
		Large Shell: 1219 Grams, 2Lb. 11oz.			
	Sizing	LH 050/250 & LA 100 -Small: 20.3" - 22.0" (52-56.5 cm), Large: 22.2" - 24.6" (57-63 cm) LH 350 -Small: 20.3" - 21.5" (52-56 cm), Medium: 22" - 23" (56-59 cm), Large: 23.4" - 25.0" (60-64 cm)			
Chin Strap	Meets or exceeds EN966:2012, EN966:2006				
Acoustic Insulation @ 107DbA	LH050, LH250 & LA100 25DbA @1000hz, 50.9DbA @4000hz, 61.1DbA @ 8000hz LH350 27.8DbA@1000hz, 53DbA @4000hz, 52.1DbA @ 8000hz				
Impact Decelerations	Meets or exceeds MIL-DTL-87174/A (USAF)				
Penetration Perforation	Meets or exceeds MIL-DTL-87174/A (USAF)				
Additional Tests performed and passed	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> ■ Tear test ■ Wearing glasses ■ Climate test ■ Fire resistance ■ Altitude </td> <td style="width: 50%; vertical-align: top;"> <ul style="list-style-type: none"> ■ Decompression test ■ Ejection ramp test ■ Centrifuge test ■ Protection respiratory device test </td> </tr> </table>			<ul style="list-style-type: none"> ■ Tear test ■ Wearing glasses ■ Climate test ■ Fire resistance ■ Altitude 	<ul style="list-style-type: none"> ■ Decompression test ■ Ejection ramp test ■ Centrifuge test ■ Protection respiratory device test
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*Note:
Fitting, interchangeable interior and trim components of 3 different thicknesses including (4) comfort liner inserts, nape pads and edge rolls. Ear cup spacing achieved with stackable Velcro discs.

MSA Helmet Colors

MSA LH050/250 & LA100 14 colors



LH350 is available in 2 additional colors



Custom Graphics are Available on request



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LIGHTSPEED

BOSE[®]
Better sound through research[®]



We offer only the most advanced Bluetooth ANR



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