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THOR®

KEY BENEFITS OF THE THOR® TACTICAL HEADGEAR SYSTEM

- State of the art ballistic protection thanks to boltless helmet shell based on the latest Dyneema® material technology
- Revolutionary design for superior ergonomics resulting in ultimate comfort and stability
- High level of integration as the main sub systems and components have been specifically designed for the system
- Modular structure that allows the user to choose the best set-up in a mission-specific way
- Helmet shell is an individual module that can be varied according needs of an individual unit or mission
- The shell can be removed while maintaining all other features, which is practical in training use
- Mono/dual NVG with wide 60° field of view
- Flexibility by direct compatibility with standard rail mounted accessories: cameras, illuminators, beacons etc.
- Long system lifecycle thanks to modular structure

TACTICAL HEADGEAR SYSTEM

For military professionals, SAVOX THOR® is the only truly tactical headgear system that offers state of the art ballistic protection together with integrated communications, hearing protection sensor data routing, centralized power management and night vision capability. Modularity allows the user to tailor the performance and features of the tactical headgear system in a mission-specific way to meet the constantly varying needs of the modern combat theater.

The patented THOR® tactical headgear system has been developed by the consortium led by SAVOX and the partner companies Millog and FY-Composites.

Weight 2.3kg with heavy ballistic shell, 2.7kg with single NVG and 3.2kg with dual NVG

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TACTICAL HEADGEAR SYSTEM
FEATURES AND BENEFITS

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HEARING PROTECTION

- Dependable protection against battlefield noise (minimum 23dB SNR rating), test and verification according to EN352-3, EN 352-4, EN352-6
- Three-position mounting system allows for easy ventilation without removing the helmet or losing communications
- Hear through feature with stereo microphones for improved situational awareness
- Adjustable amplification of ambient sounds with limitation of maximum sound pressure

COMMUNICATIONS

- Seamless connectivity for tactical radios and intercom systems
- Both audio and data connectivity requirements considered in the system architecture
- Integrated headset, support for binaural and stereo audio
- Noise canceling boom microphone and bone conductive skull microphone options. Easy microphone type selection in theatre by distinct buttons
- Simultaneous multi radio connectivity, operation and control

BALLISTIC PROTECTION

- Lightweight helmet shell based on the advanced Dyneema® material technology
- Boltless design without through holes for highest possible head protection
- High cut model. Mid-cut and low cut versions are also available
- Protection performance against bullets: stops a 9mm 8.0g/124gr. FMJ bullet at 430m/s
- Shell is user changeable
- Exceeds Level II protection requirements of NIJ Standard 0106.01 for ballistic helmets
- Offers Level III-A protection according to NIJ Standard 0108.01 for Ballistic Resistant Protective Materials
- Protection performance against fragments: STANAG 2920 V50 > 580m/s. backface deformation < 25mm

NIGHT VISION EQUIPMENT

- Wide 60° field of view, optional 50° and 40° view angle variants.
- Mounting mechanism allows for individual use of either one or both goggles
- Improved system-level balance makes use of counterweights unnecessary
- Boltless mounting for uncompromised ballistic protection
- Innovative low stove position resulting in increased stability and reduced fatigue
- Integrated IR illuminator

ACCESSORY RAILS

- Direct compatibility with accessories made to MIL-STD-1913 and STANAG 4694 standards
- Powered rails allow control of attached accessories by integrated user interface buttons
- Reliable construction: machined out of aluminum and hard anodized for durability

TESTING

- System subjected to MIL-STD-810G test methods for resistance against environmental effects in wide range of climate conditions
- System subjected to MIL-STD-461F test methods for electric effects including EMP
- Protection against ballistic and mechanical threats is subjected to relevant tests including EN-397 Shock absorption test

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