



# **MODULAR SUSPENSION SYSTEM**

# CUSTOMIZABLE, COMFORT-FIT SUSPENSION AND RETENTION FOR GALVION'S ELITE HELMET SYSTEMS

No matter the ballistic specs of your shell, if the helmet isn't stable, and doesn't fit comfortably and securely, the protection is compromised. Even Galvion's elite helmet systems need well-founded suspension and retention to maximize performance and effectiveness, especially during fast-paced, physically-demanding maneuvers. Galvion has struck the ideal balance with its **MODULAR SUSPENSION SYSTEM (MSS)**, a customizable unit that includes an impact liner, breathable netting, and adjustable harnesses: it's durable, vastly configurable, and exceptionally comfortable. Arranged to suit the needs of the mission and the user's comfort preference, Galvion's MSS keeps the helmet steady and stable for headborne equipment and quick head movements.

Featuring an innovative, lock-in-place dial fit band and interchangeable impact pads, Galvion's MSS accommodates a wide range of head shapes and sizes. The impact liner is made of low-profile impact material and exceeds U.S. Army ACH impact standards. The sweat-wicking crown net suspends the helmet shell in the proper position on the wearer's head, helping circulate airflow and regulate internal helmet temperature. The MSS is compatible across Galvion's Batlskin ACH-shaped helmets, including the Batlskin Viper and Cobra Head Systems.

Galvion also offers an MSS Sustainment Kit which includes new comfort pads, chin strap, mesh liner and hardware. The MSS Sustainment Kit reduces the logistical and monetary burden when sustaining Galvion's MSS System.



#### THREE WAYS THE MSS CAN BE QUICKLY ADJUSTED WHILE ON THE GO:



1. Nape dial to adjust circumference



2. Nape dog legs to adjust height of nape pad



3. Crown net straps to adjust crown height

## **KEY TECHNICAL FEATURES**

SUSPENSION AND RETENTION SYSTEM	4-Point integrated harness with unique buckle system (no loose straps)
	Low profile ballistic bolts
	Dial Ratchet Mechanism adjusts the fit band - a simple one handed operation
	System offers infinite adjustability while on the move
	Height adjustable nape pad to ensure superior NVG stability
	Adjustable crown net for sweat wicking, comfort and low pressure for extended use
	No-net option available incorporating additional comfort layer
IMPACT LINER	Low profile impact material does not contact the head in normal operation
	Provides a free flow of air to aid in cooling
	Exceeds U.S. Army ACH impact standards
	Tested with multiple hits and across all temperature ranges

# FOR FULL AND MID CUT SYSTEMS



#### **MODULAR SUSPENSION SYSTEM INCLUDES:**

- Impact liner, net, dial fit band, comfort pad set and retention system.
- Has a 3 year warranty.
- MSS available in Black and Tan499 in Small, Medium, Large and Extra Large Sizes.

### **BATLSKIN VIPER MSS SUSTAINMENT KIT - ESSENTIAL:**

- Fits Viper A3, P2 & P4 Models
- Includes: Comfort Pads, Chin Strap, Mesh Liner & Hardware
- MSS Sustainment Kit available in Tan 499 in Small, Medium, Large and Extra Large Sizes.

