HEL-STAR 6®

Helmet-Mounted Light (Multi-Function)
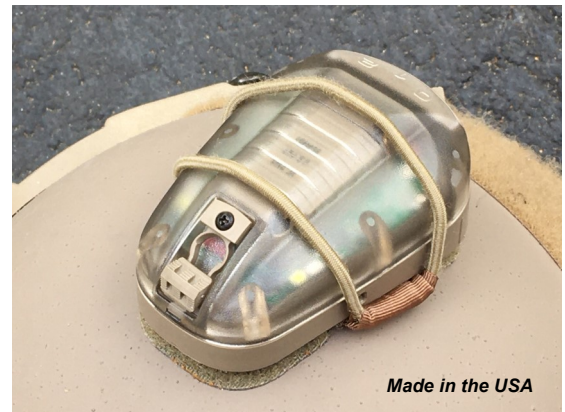

GEN III+

HEL-STAR 6® Gen III+ is the latest in the series of HEL-STAR 6® marker lights designed to support operations in extreme conditions. Whether it be parachute operations, avalanche training or search and rescue **HEL-STAR 6® Gen III+** brings the confidence that your kit will work when your life depends on it. Available in tan or black.

HEL-STAR 6® offers four user-defined functions in two selectable operating modes in a combination of white, green, blue, red, and IR, in steady or flashing. There is a variety of flash options, including Morse Code letters.

Field reprogramming option is available upon request. Requires the purchase of a Programming Interface Module (PIM).

HEL-STAR 6® Gen III+ Advantages

- **Safety -** The unique battery access design provides a curved profile on all sides, minimizing snag hazard. Velcro® attachment provides emergency peel-away from helmet to reduce potential for snag-related injury.

- **Versatility -** Up to four user-defined functions are available in a range of visible colors and IR signals, either flashing, coded or steady.

- **Visibility -** Omni-directional. Intensities can be scaled up or down for special requirements. White flash exceeds FAA 3-statute mile requirements.

- **Simple, Secure Operation -** Switches are designed for positive operation by a gloved-hand, in the blind, with the helmet donned. Mode selection switch design options provide operational flexibility or strong security between overt and covert operating modes.

- **Operating Extremes -** HEL-STAR 6® is shock and vibration resistant, dustproof and open sea waterproof to 130 fsw (laboratory 300+ feet).

- **Status Confirmation -** Switch design provides visual and tactile confirmation of ON/OFF and operating status with no guesswork; visual confirmation prevents inadvertent battery discharge in the IR operating mode.

- **Easy Battery Replacement -** The single CR123 cell can be replaced in the field, quickly, without special tools.

- **Field Reprogramming -** Color, flash rate, and light intensity can be reprogrammed with a wireless handheld device (PIM). A default feature returns the unit back to original factory settings.

Made in the USA

U.S. Patent 8,534,861

HEL-STAR 6® Gen III+
Pararescue

MODEL/PART NUMBER OPTIONS

Model 620-Series Rotating Switch Plug

Model 640-Series Sliding Switch

Main Switch: 0=Off, Functions 1 & 2 · Nose Switch/Plug: ▲=Mode A, ▼=Mode B

Model	CORE P/N	Ops Use	Mode A Functions		Mode B Functions	
			A1	A2	B1	B2
HS-640	HS-640-01P	SAR	GR (Steady)	GR (Steady) + WH (FL)	IR (FL)	IR (FL/Bright)
	HS-640-02P		GR (Steady)	GR (Steady) + WH (FL)	BL (Steady)	BL (Steady) + WH (FL)
	HS-640-03P	SAR	GR (Steady)	GR (Steady) + WH (FL)	IR (FL)	IR (Steady)
	HS-640-05	Rescue	GR (Steady)	GR (Steady) + WH (FL)	RD (Steady/Dim)	IR (FL)
	HS-640-07P	Rescue	GR (Steady)	GR (Steady) + WH (FL)	IR (FL/Dim)	IR (FL/Bright+)
	HS-640-09P	SAR	GR (Steady)	GR(Steady)+WH(FL/B+)	IR (FL)	IR (FL/Bright)
	HS-640-10PB	Fire/Rescue	GR (Steady)	GR (Steady) + WH (FL)	RD (Steady)	RD (Steady) + WH (FL)
	HS-640-11		GR (Flash)	GR (Steady) + WH (FL)	IR (FL)	IR (Steady)
	HS-640-12P	Fire/Rescue	GR (Steady)	GR (Steady) + WH (FL)	RD (FL)	Blue (FL)
	HS-640-12PB	Ski Patrol/Ski SAR	GR (Steady)	GR (Steady) + WH (FL)	RD (FL)	Blue (FL)
	HS-640-14P	Fire/Rescue	GR (Steady)	GR (Steady) +WH(FL/B+)	BL (Steady)	BL(Steady)+WH(FL/B+)
	HS-640-15		GR (Steady)	GR (Steady) + WH (FL)	BL (Steady)	RD (Steady) + WH (FL)
	HS-640-17	Rescue	RD (Steady)	RD (Steady) + WH (FL)	BL (Steady)	BL(Steady)+WH(FL)
	HS-640-18		GR (Steady)	GR (Steady) + WH (FL)	IR (Steady/Dim)	IR (FL/Bright+)
	HS-640-25		GR (Steady/Bright)	RD (Steady/Bright)	IR (FL/Dim)	IR (FL/Bright+)
	HS-640-33PB	Ski Patrol/ Ski SAR/ Snowmobile/ Avalanche	RD (FL/Bright+)	RD (Steady)	WH (FL/B+)	RD (FL/B+) + WH (FL/B+)
	HS-640-47P	SAR	GR (Steady)	GR (Steady) + WH(FL/B+)	IR (Steady)	IR (FL/Bright+)
	HS-640-56P	LE Tactical	GR (Flash)	RD (Flash)	IR (Flash/Dim)	IR (Steady)
	HS-640-58PB	Fire/Rescue	RD (Flash/B+)	WH (Flash/Bright+)	IR (FL/Bright+)	RD (FL/B+) + WH (FL/B+)
	HS-640-60PB	SAR	GR (Flash)	RD (Flash)	BL (Flash)	Amber (Steady)
	HS-640-64P	Fire/Rescue	GR (Steady)	GR (Steady) + WH(FL)	RD (Steady) + IR (FL)	RD (Steady) + WH (FL)
	HS-640-66BP	Fire/Rescue	RD (Steady)	BL (Steady)	GR (Steady)	WH (Flash)

Standard Body Color is in Tan. Add "B" to end of the P/N for a Black Body.

Operating Options

Color Code		Signal Type	Signal Intensity
BL = Blue	RD - Red WH = White	S = Steady	Dim, Standard, Bright, Bright+
GR = Green	WH = White	F = Flash (60 fpm) FN = NATO Flash (30 fpm)	"Bright+" is significantly brighter than "Bright" All White Flash are "Bright" to meet FAA 3 statute mile visibility.
IR = NIR Infrared	Morse Code Letters A, D, K, V, Z, SOS	P=Tactical Field Reprogramming with a PIM C = Civilian Field Reprogramming with a PIM	* Higher intensities shorten battery life.