

Marker Light, Three-Function (Helmet-Mounted)



HEL-STAR 5 EXO®

HEL-STAR 5 EXO® updates and replaces its predecessor with significantly improved visibility, durability, water resistance, and weight. Other improvements include easy battery replacement, lighter weight, smaller footprint, and the optional capability to reprogram the three user defined primary operating functions in the field.

Available in tan or black



CAPABILITY SUMMARY

- **Versatility** - Three user-defined functions in White, Green, Red, Blue and/or IR (flashing, coded, or steady) in various intensities.
- **Safety** - Low, no-snag profile. Velcro attachment provides an emergency break-away feature.
- **Operation** - Detented sliding switches operate in the blind and provide tactile confirmation of ON/OFF and operating mode.
- **Visibility** - White flash meets FAA 3 statute mile requirements; redesigned LED element provides full 180 degree side-visibility.
- **Waterproof** - Designed for waterproof operation at 66 feet plus.
- **Helmet Friendly** - Smaller footprint; 20 grams lighter than original design.
- **Battery** - Replaceable lithium C123 cell; no tools are required.
- **Field Reprogramming Capability** - Available as an option. Requires Program Interface Module (PIM) and access to a laptop.

HEL-STAR 5 EXO® offers the same lighting configurations as the current HEL-STAR 5®. New options will be available as user requirements are defined.



Smaller and Smarter!

Certain HEL-STAR models with restricted IR operating modes are ITAR controlled and cannot be shipped or carried outside of the U.S. without written permission from the U.S. Dept of State.



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HEL-STAR 5^{EXO}®

MODEL/PART NUMBER OPTIONS

CORE P/N	Modes		
	M1	M2	M3
HS-501X	GR (Steady) + WH (Flash)	GR (Steady)	IR (Flash)
HS-502X	IR (Flash)	WH (Flash)	GR (Steady) + WH (Flash)
HS-503X	WH (Flash)	IR (Flash/Bright)	IR (Flash/Dim)
HS-504X(*)	GR (Steady) + WH (Flash)	IR (Steady)	IR (*User-Defined Morse Code Letter) A, D, K, V, Z, SOS
HS-505X	IR (NATO Flash, 30/min)	IR (Standard Flash, 60/min)	IR (Steady)
HS-507X	RD (Steady)	GR (Steady)	BL (Steady)
HS-509X	WH (Flash)	GR (Steady)	IR (Flash)
HS-510X	IR (Steady/Bright)	IR (Steady/Dim)	IR (Flash)
HS-511X	IR (Flash)	WH (Flash)	RD (Steady)
HS-512X	GR (Flash)	IF (Flash)	IR (Steady)
HS-513X	RD (Steady)	GR (Steady)	IR (Flash)
HS-514X	IR (Flash)	WH (Steady)	RD (Steady)
HS-516X K1K9	Red (Steady) + WH (Flash)	GR (Steady) + WH (Flash)	BL (Steady) + WH (Flash)

Operating Options

Color Code	Signal Type	Signal Intensity
BL = Blue	S = Steady	Dim, Standard, Bright, Bright+
GR = Green	F = Flash (60 fpm)	All White Flash are "Bright" to meet FAA 3 statute mile visibility.
RD = Red	FN = NATO Flash (30 fpm)	"Bright+" is significantly brighter than "Bright"
IR = Infrared	FX = Special Coded Flash (Morse Code or other)	Higher intensities shorten battery life
WH = White	T = Tan Body – add to end of P/N	P = Field Reprogramming Capability – add to end of P/N

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