



Trilobyte Helmet Light Gen4TM

Programmable Beacon, 4 Output Colors

2.5oz (72g) w/ Battery



PRODUCT NUMBER: 02904

TECHNICAL SPECIFICATIONS

BATTERY SOURCE
ATTACHMENT METHOD
HOUSING COLORS AVAILABLE
HOUSING MATERIAL
HOUSING FINISH
DOM LENS MATERIAL
OPERATING TEMPERATURE

STORAGE TEMPERATURE

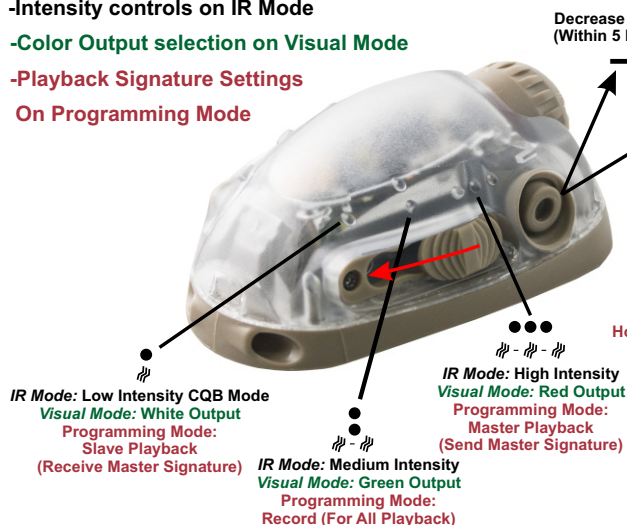
ENVIRONMENTAL SEAL
WATERPROOF RATING
VISIBILITY RANGE

One (1) AA Lithium (1.65Vdc) or AA Alkaline (1.5Vdc)
 3M Dual Lock (Installed on Base of Unit)
 Black and Tan
 High Impact Lens with Shock Absorbing Polymer Base
 Matte
 High Impact Polycarbonate (Textured)
 -40 to +60°C with AA Lithium; -20 to +60°C with Alkaline or Rechargeable AA
 -40 to +60°C with AA Lithium; -20 to +60°C with Alkaline or Rechargeable AA
 Hermetically Sealed Unit with Removable Battery Cap
 Ip67
 Up to 5km on High Intensity (Visual or Near IR) on a clear dark night (with no moon or contrasting backlighting)

Functions Diagram

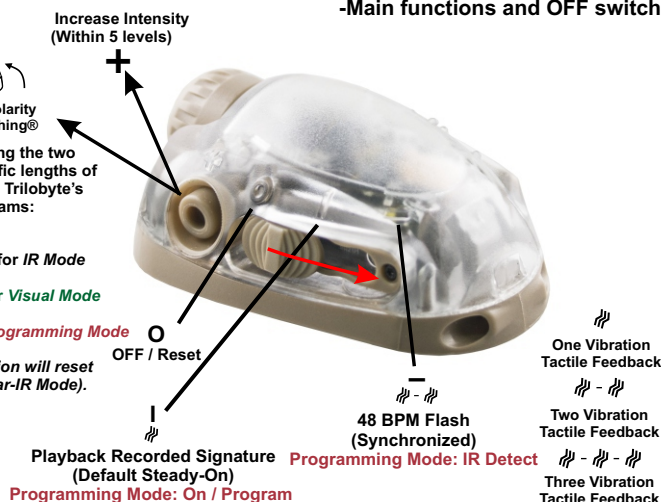
Left-side Positions

- Intensity controls on IR Mode
- Color Output selection on Visual Mode
- Playback Signature Settings On Programming Mode



Right-Side Settings

- Main functions and OFF switch



**IR Detect Function: Product will vibrate 5 times and flash in White for 5 seconds when exposed to a Near-IR Wavelength*

Technology



Dual Button Polarity Program Switching®

Separates groups of functions that can be switched between by holding down the two side buttons for specified periods of time.



MultiVibe™ with Positive Tactile Feedback

Product has raised position indicators for easy tactile feedback with fingers in gloves. Product also has vibrating feedback for each position (vibrates once for position 1, twice for position 2, etc.)



Mockingbird® Technology

Allows users to record and playback their own unique flashing signatures with any external light source containing a near-IR wavelength, including sunlight.



AutoSync™ With Master / Slave Group Syncing

Recorded flashing signatures can be transmitted to other beacons of the same model to create distinct groups of unique, synchronized signatures.



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Accessories (Sold Separately)

Turtle Mount



Feature rich with ports to connect to our *Universal MountTM*, MOLLE compatibility for attaching to vests, backpacks, etc... cavities for securing with nails or screws and a quick release nub.

MOLLE Pouch



Our modular pouches with rear lash points, exterior and interior loop surfaces, inside pocket and a quick release strap can securely hold the TrilobyteTM and a spare battery, with leftover space if needed.



Compatible with Adventure Lights Merlin System

We manufacture all of our products in-house and our policy is to build strong working relationships with our clients to provide customized solutions that fit their specific needs. If there is a specific product configuration which matches your requirements do not hesitate to get in touch. We will be happy to assist.