

3.07oz (87.1g) w/ Battery



PRODUCT NUMBER: 02902

NSN: 5855-5200-128379

TECHNICAL SPECIFICATIONS

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

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)

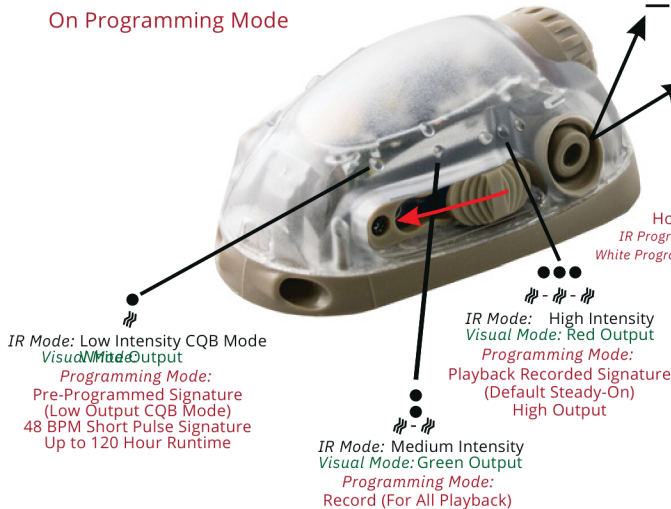
STORAGE TEMPERATURE

ENVIRONMENTAL SEAL
WATERPROOF RATING
VISIBILITY RANGE

Functions Diagram

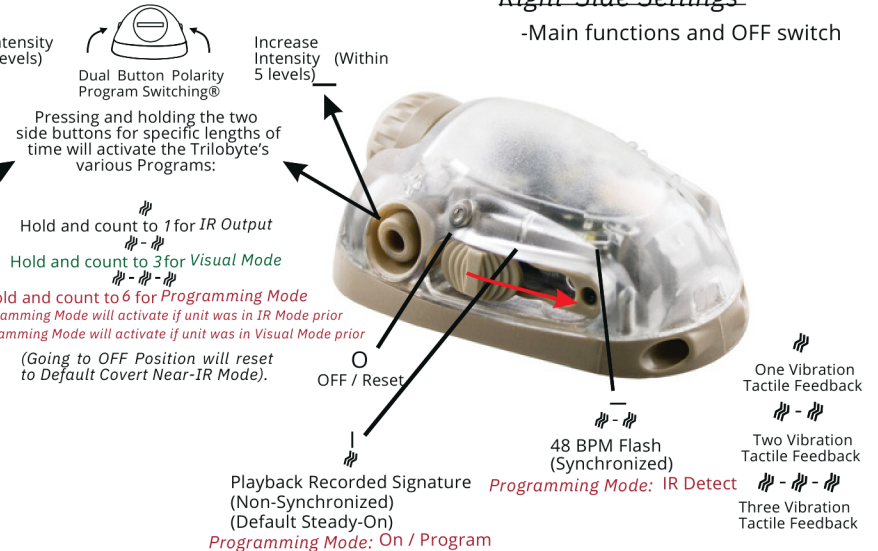
Left-Side Positions

-Intensity & Output controls on IR & Visual Modes -**Playback Signature Settings**
On Programming Mode



Right-Side Settings

-Main functions and OFF switch



***IR Detect Function: Product will vibrate 5 times and flash 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.



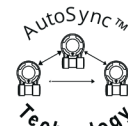
MultiVibe™ with Positive Tactile Feedback

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.



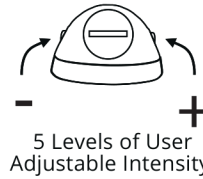
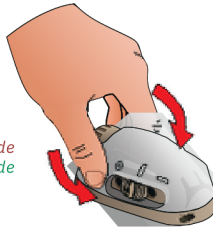
AutoSync™ Synchronized Flashing Patterns

Any beacon of the same model will flash in unison when set to specific synchronized flashing functions (Position II on the Right Side Controls, in this model).

Functions Table

CHANGING MODES

Hold and count to 3 then release for **Near-IR**
 Hold and count to 3 then release for **Mode Visual**
 Hold and count to 6 then release for **Programming Mode**
 Near-IR Programming Mode will activate if unit was in Near-IR Mode prior Visual Programming Mode will activate if unit was in Visual Mode prior
 (Going to OFF Setting will reset to Default to Near-IR Mode).



Pressing and holding the two side buttons for specific lengths of time will activate the Trilobyte's various modes.
 Each Mode contains its own set of functions that are toggled through the dual left-side and right-side control switches.
 When individually pressed, they allow the user 5 levels of intensity control.

{DEFAULT MODE ON START UP}

Near-IR Mode Functions

(Hold down side buttons (+) and (-), count to 1 then release.)
 {Default on Start Up}

Default: NIR, [Steady On]	Default: NIR, [Steady On]	Default: NIR, [Steady On]
Recorded Signature: NIR, [Playback Recorded Signature] (Intensity High)	Recorded Signature: NIR, [Playback Recorded Signature] (Intensity Medium)	Recorded Signature: NIR, [Playback Recorded Signature] (Intensity Low)
Default: NIR, [48 BPM Flash] (Intensity Adjustable)	Default: NIR, [48 BPM Flash] (Intensity Adjustable)	Default: NIR, [48 BPM Flash] (Intensity Adjustable)

Visual Mode Functions

(Hold down side buttons (+) and (-), count to 1 or 3 then release)

Default: Red, [Steady-On]	Default: Green, [Steady-On]	Default: White, [Steady-On]
Recorded Signature: Red, [Playback Recorded Signature] (Intensity Adjustable)	Recorded Signature: Green, [Playback Recorded Signature] (Intensity Adjustable)	Recorded Signature: White, [Playback Recorded Signature] (Intensity Adjustable)
Default: Red, [48 BPM Flash] (Intensity Adjustable)	Default: Green, [48 BPM Flash] (Intensity Adjustable)	Default: White, [48 BPM Flash] (Intensity Adjustable)

NIR Programming Mode Functions

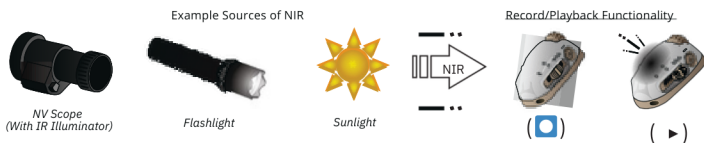
(From IR Mode, Hold down side buttons (+) and (-), count to 6 then release)

NIR, [Playback Recorded Signature] (Default: On) (Intensity Adjustable)	NIR, [Record] (Saved for all Playback) 2 Flashes - START OF RECORDING 1 Flash - END OF RECORDING	NIR, [Preprogrammed Signature] (Default: [48 BPM Flash]) Low Intensity, 120 Hour+ Runtime (NOT SYNCHRONIZED)
NIR, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable, Default: High)	NIR, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable, Default: Mid)	NIR, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable, Default: Low)

Visual Programming Mode Functions

(From Visual Mode, hold down side buttons (+) and (-), count to 6 then release)

White, [Playback Recorded Signature] (Default: Steady-On) (Intensity Adjustable)	White, [Record] (Saved for all Playback) 2 Flashes - START OF RECORDING 1 Flash - END OF RECORDING	White, [Preprogrammed Signature] (Default: [48 BPM Flash]) Low Intensity, 120 Hour+ Runtime (NOT SYNCHRONIZED)
Red, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable)	Green, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable)	White, IR Detect [5 Vibrations then 5 Flashes When Exposed to NIR Output] (Intensity Adjustable)



You may record in either IR or Visual Programming modes. Both will record for all (Visual and NIR) playback modes.

Wait for 2 flashes, then use any source of NIR to program the signature you require. Stop then wait for the confirmation of 1 flash - it is now recorded and saved. (To reset to default, record 5 seconds of Steady-On NIR.)