2024 - SAFETY LIGHTING AND FIRE PPE

FOR HGAC #EE 11-24

FIRE FIGHTER - PASS AND LIGHTING

MINING - LIGHTING and M-R-A

ARSON DETECTION

INTENTIONALLY BLANK

SuperPASS®5 and SuperPASS®5X NFPA Compliant Stand-Alone PASS

versus

SuperPASS®5 and SuperPASS®5X - What is the Difference?

SuperPASS®5 is a Stand-Alone PASS Alarm that replaces SuperPASS®2 and SuperPASS®3 PASS Alarms

MADE IN USA

SuperPASS®5X is MUCH MORE than just an Stand-Alone PASS Alarm!

* SuperPASS® 5 and 5X is NOW the primary PASS device for firefighters - the SCBA becomes a secondary back-up PASS. So that, even when the SCBA is removed, NFPA compliance is maintained during every firefighting operation, such as wildland, SAR, and Fire/Police personnel.

* **Field Upgrade at Anytime** and the SuperPASS® 5X becomes an RF PASS for use with the Grace Fire Fighter In-Command® Emergency Signaling and Automated Accountability Systems.

* **SuperPASS®5X** is used to solve two of the biggest issues identified in Line-of-Duty deaths .....

* Grace uses a very high performance unlicensed data radio spectrum that is totally separate from your existing voice radio system to conduct all incident command accountability monitoring and signaling.

* Because Grace Intelligent Accountability is conducted on its own separate system, it frees up the radio voice channel for other time critical fire ground radio traffic.

* A firefighter does not have to rely on the voice radio channel to send a MAYDAY. When the MAYDAY is sent using Grace In-Command®, the Incident Commander knows immediately who is in MAYDAY without confusing or competing radio traffic.

* A PAR Check command can be performed in a matter of seconds without ever having to key a radio microphone and a firefighter's response is immediately displayed for the Incident Commander.

* The traditional PAR Check becomes much more when the firefighter is trained in this manner:
  - Step 1. - Before the firefighter acknowledges the PAR command they are trained to first monitor, and take mind of their own cylinder pressure; this simple step forces the firefighter to serve an active role in their personal safety.
  - Step 2. - After monitoring and understanding their own cylinder pressure, they acknowledge the PAR check by pressing the side buttons on their Grace TPASS®

Field Upgrade the SuperPASS®5X AT ANY TIME - allows departments to spread the cost of an Accountability System purchase across budget cycles.

1. Purchase the SuperPASS®5X at $739 and you have a stand-alone NFPA compliant PASS that keeps you in compliance with NFPA1500 at all times.

2. At anytime you can purchase the field upgrade for $367 per device, and transform the SuperPASS®5X into a TPASS®5 - NFPA compliant RF PASS.

3. The field upgraded SuperPASS®5X can now be used with the NFPA compliant In-Command® First -In and In-Command® Full Crew Systems to enable Emergency Signaling and Automated Intelligent Accountability on the fireground.

SuperPASS®5 and SuperPASS®5X NFPA Compliant Stand-Alone PASS

SuperPASS® 5

STAND-ALONE PASS

SuperPASS® 5X

STAND-ALONE PASS
~ *FIELD UPGRADEABLE* ~
TO NFPA COMPLIANT RF PASS
SP5X-H-A
* Available through In-Command® System

	SuperPASS®5 NFPA Compliant	30 SECOND MOTION TIME -NFPA STANDARD AUTO-ON ACTIVATION SHIPS WITH 3-NFPA APPROVED (AA) BATTERIES 200 HOURS IN SENSING MODE - 24-28 HOURS IN ALARM mode -SHIPS WITH AKS5T5 ACCOUNTABILITY KEY	SP5-H-A	$ 595
	SuperPASS®5x NFPA Compliant - FIELD UPGRADABLE TO NFPA RF PASS	-30 SECOND MOTION TIME -NFPA STANDARD -AUTO-ON ACTIVATION -SHIPS WITH 3-NFPA APPROVED (AA) BATTERIES -USED AS SuperPASS 5 (Audio Only) -200 HOURS IN SENSING MODE - 24-28 HOURS IN ALARM mode -USED AS SuperPASS 5x (Audio + RF Telemetry) - 24-30 HOURS IN SENSING MODE - 4 HOURS IN ALARM mode -SHIPS WITH AKS5T5 ACCOUNTABILITY KEY *User Field Upgradable to RF PASS used with In-Command® Firefighter Accountability Systems	SP5X-H-A	$ 739
FIRMWARE DOWNLOAD	Field Upgrade SuperPASS® 5 to SuperPASS® 5x	When field upgraded for use as a RF PASS, the SuperPASS® 5x operates with In-Command®Firefighter Emergency Signaling and Advance Accountability Systems. Please call for details of In-Command®	SP5X-T5FU	$ 367
	USB Data Download Cable	Requires PC utility used to download internal data logs, clock reset and upgrade to SuperPASS® feature.	S5T5DLC-1	$ 19

MADE IN USA

SEE PAGE 3 FOR A DETAILED DESCRIPTION

LITE TRACKER® - All Models Ship with 2 - AAA Alkaline Batteries - XX-Specify Clip Style

GC-Grip Clip - Add $0

MG-Magnetic - Add $8

SC-Swivel Clip - Add $8

FC-Flex Clip - Add $0

XX-Specify Clip Style
GC/MG/SC/FC

MADE IN USA

Lite Tracker Demonstration Images

Amber LED

Red LED

Green LED

Blue LED

StarBurst LT2005-XX

All American LT2006-XX

LT2017D USCG approved Push Button Unit- Deep Diving Tested -100 ft

LT2017S USCG approved Push Button Unit- Surface Diving

LT2016 USCG approved Water Activated Unit- Surface OR Deep Diving (100 ft)

HELMET BAND

G Series	LITE TRACKER - G Series-	Lens Color	LED Color	Pattern	XX-Specify Clip Style	
Lite Tracker G	Flash only 3-amber LEDs - ≥160 hours of operation	Green	Amber	Flash Only	LTG-XX	$54
Lite Tracker G1	Flash only 3-red LEDs - ≥160 hours of operation	Red	Red	Flash Only	LTG1-XX	$54
Lite Tracker G2	Flash only 3-green LEDs - ≥96 hours of operation	White	Green	Flash Only	LTG2-XX	$54
Lite Tracker G3	Flash only 3-blue LEDs - ≥96 hours of operation	White	Blue	Flash Only	LTG3-XX	$54
	LITE TRACKER - 2000 Series	**Lens Color**	**LED Color**	**Pattern**		$0
Lite Tracker 2004	2-Red, 1-blue LED - ≥50 hours of operation	White	Red/Blue/Red	Alternating	LT2004-XX	$62
Lite Tracker 2005	2-Red, 1-blue LED (StarBurst) - ≥40 hours	White	Red/Blue/Red	Starburst	LT2005-XX	$62
Lite Tracker 2006	1-Red, 1-white, 1-blue LED (All American) - ≥50 hours	White	Red/White/Blue	Alternating	LT2006-XX	$62
Lite Tracker 2008	3-Red LEDs - glow, flash or strobe - ≥160 hours	Red	Red	Glow/Flash/Strobe	LT2008-XX	$62
Lite Tracker 2009	3-Amber LEDs - glow, flash or strobe - ≥160 hours	Amber	Amber	Glow/Flash/Strobe	LT2009-XX	$62
Lite Tracker 2012	3-Green LEDs - glow, flash or strobe - ≥96 hours	White	Green	Glow/Flash/Strobe	LT2012-XX	$62
Lite Tracker 2013	3-Blue LEDs - glow, flash or strobe - ≥96 hours	White	Blue	Glow/Flash/Strobe	LT2013-XX	$62
Lite Tracker 2018	3-White LEDs - glow, flash or strobe - ≥96 hours	White	White	Glow/Flash/Strobe	LT2018-XX	$62
Lite Tracker 2016A	Water activated, Coast Guard compliant, 3-amber LEDs - ≥96 hours of operation - Used for Surface Diving	Amber	Amber	Flash Only	LT2016A-XX	$71
Lite Tracker 2017AD	Push button, Coast Guard compliant, 3-amber LEDs - ≥96 hours of operation - Used for Deep Diving - 100 Feet	Amber	Amber	Flash Only	LT2017AD-XX	$71
Lite Tracker 2017AS	Push button, Coast Guard compliant, 3-amber LEDs - ≥96 hours of operation - Used for Surface Diving	Amber	Amber	Flash Only	LT2017AS-XX	$71
MSHA Certified	**LITE TRACKER - MSHA CERTIFIED**	**Lens Color**	**LED Color**	**Pattern**		
Lite Tracker 2000 M	Flash only 3-amber LEDs - ≥160 hours of operation	Green	Amber	Flash Only	2000M -XX	$71
Lite Tracker 2001 M	Flash only 3-red LEDs - ≥160 hours of operation	Red	Red	Flash Only	2001M-XX	$71
Lite Tracker 2002 M	Flash only 3-green LEDs - ≥96 hours of operation	White	Green	Flash Only	2002M-XX	$71
Lite Tracker 2003 M	Flash only 3-blue LEDs - ≥96 hours of operation	White	Blue	Flash Only	2003M-XX	$71
Lite Tracker 2004 M	2-Red, 1-blue LED produce an alternating pattern - ≥50 hours	White	Red/Blue/Red	Alternating	2004M-XX	$71
Lite Tracker 2005 M	2-Red, 1-blue LED produce a flash and pulse pattern - ≥40 hours	White	Red/Blue/Red	Flash/Pulse	2005M-XX	$71
Lite Tracker 2006 M	1-Red, 1-white, 1-blue LED produce an alternating pattern - ≥50 hours of operation	White	Red/White/Blue	Alternating	2006M-XX	$71
Lite Tracker 2008 M	3-Red LEDs - glow, flash or strobe - ≥160 hours	Red	Red	Glow/Flash/Strobe	2008M-XX	$71
Lite Tracker 2009 M	3-Amber LEDs - glow, flash or strobe - ≥160 hours	Green	Amber	Glow/Flash/Strobe	2009M-XX	$71
Lite Tracker 2012 M	3-Green LEDs - glow, flash or strobe - ≥96 hours	White	Green	Glow/Flash/Strobe	2012M-XX	$71
Lite Tracker 2013M	3-Blue LEDs - glow, flash or strobe - ≥96 hours	White	Blue	Glow/Flash/Strobe	2013M-XX	$71
Lite Tracker 2018 M	3-White LEDs - glow, flash or strobe- ≥96 hours	White	White	Glow/Flash/Strobe	2018M-XX	$71
Helmet Band	**Use with miner's safety cap or any standard safety helmet**				LTHB-1	$5

LANDING ZONE KIT and Flare Lites®

The kit includes – 4 Red Flare Lites, 1 Blue Flare Lite, 2 Glow Baton Marshalling Wands, 7 Heavy Duty Rubber Stand-up Bases, a rugged and highly visible nylon tote for easy storage and transport plus laminated Helicopter Landing Zone set-up instructions. (All lights are Flameless LED).

LANDING ZONE KIT ELZ-K1 $499

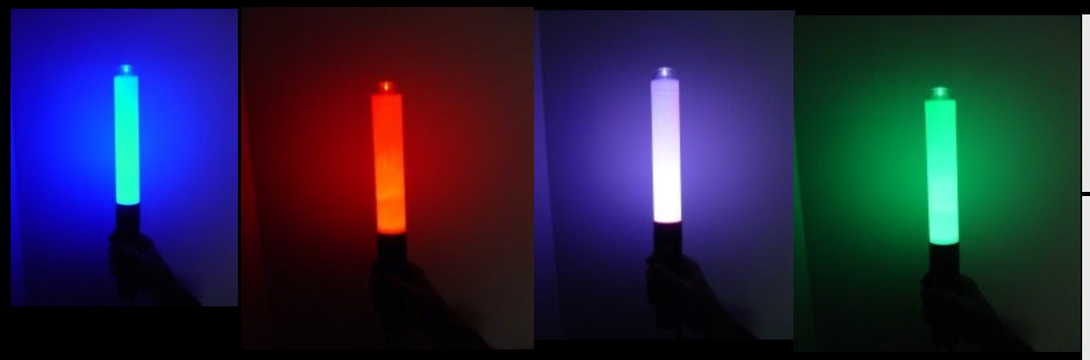
8 blue and 1 white LED and can produce glow or flash patterns with blue, and glow only with white. Up to 24 hours in color glow or flash - 72 hours glow white.	FL-BW	$60
8 red and 1 white LED and can produce glow or flash patterns with red, and glow only with white Up to 24 hours in color glow or flash - 72 hours glow white.	FL-RW	$60
Heavy Duty Rubber Stand Up Base for Glow Baton and Flare Lite - (Order Separately) - Used with all Glow Baton or Flare Lite Models.	GBASE	$14

Flare Lites®

GBASE

GLOW BATON® - All Models Ship with (2) C-Cell Alkaline Batteries

GLOW-FLASH-STROBE~MULTI-COLOR		GLOW-FLASH-STROBE~MULTI-COLOR	LED Color	Tube Color	Pattern	Model	NEW
Red	Glow Baton 100HD	Red LEDs glow, flash and strobe with red tube-HEAVY DUTY - uses (2) C-Cells - 144 Flash/Strobe Mode - 72 hours Glow Mode	Red	Red	Glow/Flash/Strobe	GB100HD	$52
Red and Green	Glow Baton 400HD	Red and green LEDs glow, flash and strobe with white tube-HEAVY DUTY - uses (2) C-Cells - 144 Flash/Strobe Mode - 72 hours Glow Mode	Red/Green	White	Glow/Flash/Strobe	GB400	$59
Red, Green, and Blue	Glow Baton 500HD	Red, Green and Blue LEDs glow, flash and strobe with white tube -HEAVY DUTY - uses (2) C-Cells - 144 Flash/Strobe Mode - 72 hours Glow Mode	Red/Blue/Green	White	Glow/Flash/Strobe	GB500	$65
GLOW ONLY ~SINGLE COLOR		**GLOW ONLY ~SINGLE COLOR**	**LED Color**	**Tube Color**	**Pattern**	**Model**	$0
Red	Glow Baton GR	Glow Only Red LEDs with red tube-HEAVY DUTY R - uses (2) C-Cells - 72 hours Glow Mode	Red	Red	Glow Only	GB100-G-R	$52
Blue	Glow Baton GB	Glow Only Blue LEDs with white tube - HEAVY DUTY - uses (2) C-Cells - 72 hours Glow Mode	Blue	White	Glow Only	GB100-G-B	$52
Green	Glow Baton GG	Glow Only Green LEDs with white tube -HEAVY DUTY - uses (2) C-Cells - 72 hours Glow Mode	Green	White	Glow Only	GB100-G-G	$52
Amber	Glow Baton GA	Glow Only Amber LEDs with yellow tube - uses (2) C-Cells - 72 hours Glow Mode	White	Yellow	Glow Only	GB100-G-A	$52
GLOW ONLY~MULTI-COLOR		**GLOW ONLY~ TWO-COLOR**	**LED Color**	**Tube Color**	**Pattern**	**Model**	
Red and Green	Glow Baton GRG	Glow Only Red and Green LEDs with white tube - uses (2) C-Cells - 72 hours Glow Mode	Red/Green	White	Glow Only	GB-G-R-G	$65
GLOW ONLY~MULTI-COLOR		**GLOW ONLY ~ THREE COLOR**	**LED Color**	**Tube Color**	**Pattern**	**Model**	
Green, Amber, and Red	Glow Baton GB300	Green, Amber and Red LEDs glow only with white tube - uses (2) C-Cells - 72 hours Glow Mode	Green/Amber/Red	White	Glow Only	GB300	$65



GLOW BATON ACCESSORIES

	Magnetic Screw-On Base for Glow Baton® **Used with all models.** **(Glow Baton® is ordered separately)**	GBMAG	$10
	Heavy Duty Rubber Stand Up Base **For use with all models of Glow Baton® and Flare Lite®** **(Glow Baton® and Flare Lite® is ordered separately)**	GBBASE	$14

NFPA COMPLIANT PASS and MSHA Mine Rescue Alarms

M-R-A® MINE RESCUE ALARM

	M-R-A® Mine Rescue	**MSHA Approved, auto on** activation motion and **temperature** sensing - 40 hours of use - 4-6 hours in full alarm	**MRA-A-H**	MADE IN USA	**$270**
	M-R-A® Mine Rescue	**MSHA Approved, manual** activation motion and **temperature** sensing - 40 hours of use - 4-6 hours in full alarm	**MRA-MAN-H**		**$270**
	M-R-A® Mine Rescue	**MSHA Approved, auto on** activation, motion sensing only - 40 hours of use - 4-6 hours in full alarm	**MRA-A-M**		**$257**
	M-R-A® Mine Rescue	**MSHA Approved, manual** activation, motion sensing only - 40 hours of use - 4-6 hours in full alarm	**MRA-MAN-M**		**$257**
	M-R-A® Mine Rescue	**MSHA Approved Audio Beacon Alarm manual** activation **no motion sensing - 72 hour in Full Alarm Operation**	**MRA-MAN-AB**		**$219**

Super PASS® 2 & 3 & 5 REPLACEMENT PARTS

SuperPASS 2

SuperPASS 3

SuperPASS 5

SuperPASS® 2 Accountability Key	For use with SP2, TP2, TP3 and Mine Rescue	**AKS2T3**		**$27**
SuperPASS® 3 Accountability Key	For use with SP3 and TP4	**AKS3T4**		**$27**
SuperPASS® 5 Accountability Key	For use with SuperPASS 5-SuperPASS 5X	**AKS5T5**		**$29**
SuperPASS® 5/5X Data Cable	Use for clock reset and data log downloads	**S5T5DLC-1**		**$19**
SuperPASS®2 Back Plate	Back Plate for SP2 includes grip clip (includes 4 screws)	**BPS2**		**$33**
M-R-A® Back Plate	Back Plate for Mine Rescue includes grip clip (includes 4 screws)	**BPMRA**		**$33**
SuperPASS®3 Battery cover S3T4	Battery cover for SP3 includes O-ring (includes 4 screws)	**BCS3T4**		**$31**
SuperPASS®3 Viton O-ring	Replacement O-ring for SP3	**S3T4OR**		**$2**
SuperPASS®2 Screws	Stainless steel screws for SP2 battery cover	**S2T3SSS**		**Bag of 20 $8.00**
SuperPASS®3 Screws	Stainless steel screws for SP3 battery cover	**S3T4SSS**		**Bag of 20 $8.00**
SuperPASS®3 Battery Release	Battery release strap for SP3	**S3T4BRS1**		**$2**
SuperPASS®3 Wire Clip	Replacement attachment clip for SP3	**S3T4WC1**		**$3**
SuperPASS®3 Alternate Wire Clip	Secondary wire attachment clip for SP3 - alternate attachment	**S3T4WC2**		**$3**
SuperPASS®3 Protective Cover	Replacement silicone protective cover for SP3	**SPCS3**		**$40**
	TPASS 5/SuperPASS 5/5X Silicon overmolded back with multi-position heavy duty Stainless Steel Grip Clip (includes 4 screws)	**BPS5T5**		**$43**
TPASS 5 **Backplate Screws**	Pack of 20 Stainless Steel 4-40 5/8" screws	**TP5BPSS**		**$9**
TPASS 5 Stainless Steel Grip Clip	Stainless Steel Grip Clip	**BPTP5GC**		**$10**
TPASS 5 **Grip Clip Screws**	Pack of 20 Stainless Steel 4-20 1/4" screws	**TP5GCSS**		**$9**

See Page 3

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Arson Investigation and Gas Detection Equipment

Model 950-ASH Non-Calibrated	**Arson - Scanner - Hydrocarbons - New Advanced Redesign of our Best Seller - Metered, Noncalibrated, Purge, Rechargeable, with Mute - For Detection of Hydrocarbons, Accelerants, Petroleum Volatiles and Various Gases. A ruggedly constructed gas detection and field survey tool; will detect the presence of hydrocarbons that may be present at a fire scene and is equally effective as a general purpose gas detector. Includes new selectable UV light and White Light (end-of-probe) useful as an enhanced investigation tool. New USB Rechargeable with Low Battery Indicator.**	**M950-ASH**	**$1,828**

Gas Detection Accessories

	Probe	Telescoping Probe for models C	G-TPC	G-TPC	**$98**
	Model C Vehicle Charger	12VDC vehicle charger for Model C	G-U12VDC	G-U12VDC	**$43**
	Model C Charger - 120VAC	120VAC charger for use with models C & C+, 6 volts @ 200Ma	G-C-120VAC	G-C-120VAC	**$24**
	950-ASH Charger - 12VDC	12 VDC charger - and USB cable	G-WF950-12VDC	G-WF950-12VDC	**$39**
	950-ASH Charger - 120VAC	120VAC USB cable and power adapter	G-WF950-120VAC	G-WF950-120VAC	**$32**
	Sensor	Replacement sensor for models C and 950-ASH	G- SU	G- SU	**$147**

Grace Industries line of portable gas & hydrocarbon detection instruments are not to be used as absolute measuring devices and should only be used as a tool to aid in pinpointing suspect areas of concern.

GRACE WARRANTY

Grace Industries, Inc. warrants your product to be free from defects in workmanship and materials for a period of one (1) year from the date of original purchase.

Grace Industries will repair or replace at Grace's option the entire product free of charge.

All warranty repairs require return authorization - prior to shipping, call or email for a RMA number. Returns without a proper RMA # will not be processed. Authorization request shall be sent to service@graceindustries.com

Send all returned merchandise, prepaid and accompanied by proof of purchase that states date and location of purchase to: Grace Industries Inc., 305 Bend Hill Road, Fredonia, PA 16124, U.S.A. Customer is responsible for return shipping, handling, and any other associated cost. The product is warranted providing that a defect in workmanship and materials or damage was not in part or in whole a result from repairs or parts replacement that were made or attempted by other than Grace Industries authorized personnel. GRACE INDUSTRIES, INC. SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL LOSS OR DAMAGE ARISING OUT OF THE FAILURE OF THE PRODUCT TO OPERATE.
The sole and exclusive remedy under all guarantees or warranties, expressed or implied is strictly limited to the repair or replacement as herein provided. ALL IMPLIED WARRANTIES INCLUDING BUT NOT LIMITED TO WARRANTIES OF FITNESS AND MERCHANTABILITY, ARE HEREBY LIMITED IN DURATION TO A PERIOD OF (1) YEAR FROM THE DATE OF ORIGINAL PURCHASE. The warranty and liability set forth in the prior paragraphs are in lieu of all other warranties, expressed or implied, in law or in fact, including warranties of merchantability and fitness for a particular purpose. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.
This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

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