

Model Number:
SXE16V1

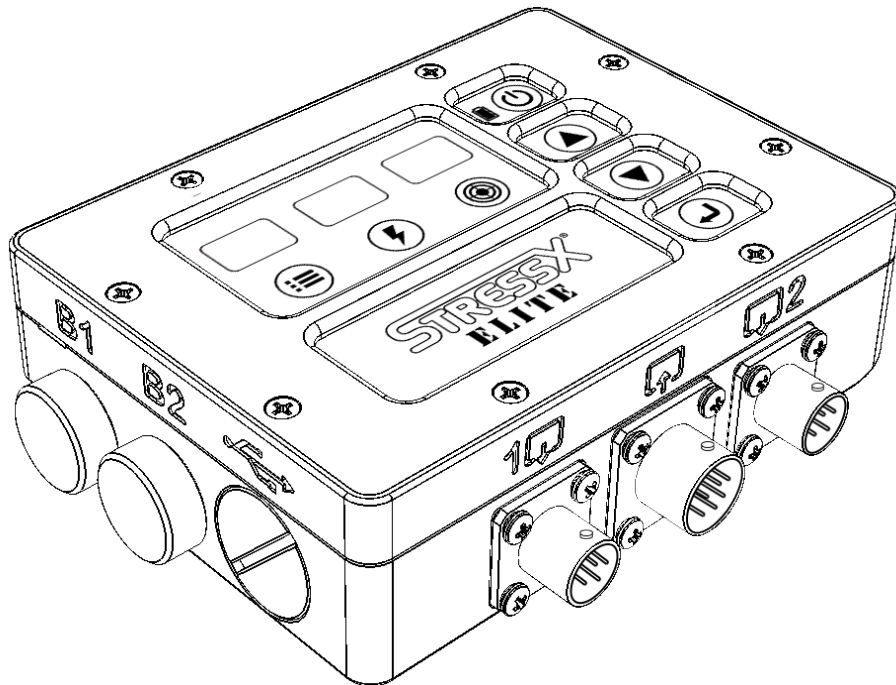
Manual
Revision:
1.2

Effective Date:
2018/OCT/02

Document Catalog Number: **16-0001.XX**

Authorship: **Setcan Corp.**

STRESSX[®]
ELITE



User Guide

Stressvest

Force on Force Reinvented

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Winnipeg, Manitoba
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Visit our Website at www.stressvest.com



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WARRANTY

TERMS AND CONDITIONS

Who is covered:

- This limited warranty ("warranty") is given only to the original end-use/retail purchaser (referred to in this warranty as "Original Purchaser") of the accompanying product, consumables and accessories (collectively referred to in the warranty as "this Product").
- If you purchased the product from someone other than an authorized StressVest® reseller or if the product was used (including but not limited to floor models or refurbished product) prior to your purchase, you are not the Original Purchaser and the product that you purchased is not covered by this warranty.

What is covered:

- This Product includes a Stressvest StressX Elite Controller, an Arm Shocker, a Belt Shocker, fabric mounting case and Accessory Items. Accessory Items include but are not limited the carrying case if purchased.
- Except as otherwise provided herein, StressVest® Inc warrants that the Stressvest StressX Elite Controller, an Arm Shocker, a Belt Shocker, fabric mounting case and Accessory Items will be free from defects in material and workmanship, when used under normal use as defined in the written instructions that accompanied the product at time of purchase, provided that the disclosed defect is determined by StressVest® Inc to be StressVest® Inc's fault.

What is the length of the warranty periods:

- Stressvest StressX Elite Controller, an Arm Shocker, a Belt Shocker, fabric mounting case and Accessory Items: one year from original purchase date.
- Accompanying Accessory items: 90 days from the original purchase date.

What is not covered:

This warranty does not cover:

1. Physical damage to this Product deemed to be normal wear and tear;
2. Damage caused by improper or abnormal use, misuse, neglect or accidental (including but not limited to transporting this Product without the proper preparation and/or packaging);
3. Damage caused by another device used with this Product;and
4. Problems arising from other than defects in material and workmanship.

The limited warranty is void and StressVest® shall not be responsible for any loss, damage or for any other liabilities arising from alterations, additions, adjustments or repairs which are made to the product by other than authorized representatives of StressVest®.

What to do if you think your Product is eligible for warranty service:

To make a warranty claim, you must first verify that your StressVest® is within its active one year warranty period. To validate your warranty status, check the date on your original invoice.

What StressVest® will ask you to do to receive warranty service:

Supply StressVest® Inc with a copy of your dated bill of sale showing the date that the Product was purchased. To register a claim, first obtain a Return Authorization ("RA") number within the warranty period from StressVest® by mail, email info@stressvest.com, or toll free telephone number at 1 866-353-5055. After contacting StressVest®, you will be required to send the Product properly packaged, freight prepaid, to Setcan Corporation Mail the defective StressVest® including Stressvest StressX Elite Controller, an Arm Shocker, a Belt Shocker, fabric mounting case and Accessory Items with postage prepaid together with a photocopy of your bill of sale and written description of the defect to: Setcan Corporation, 1080 Kingsbury Avenue, Winnipeg, Manitoba, Canada, R2P 1W5, Attn: Warranty Department. Please note the RA number on the outside of the package. Please provide your name, address, and phone number of where to return the repaired items. Failure to provide the required information may delay the return of the repaired items. You are responsible for the cost of shipping, packing the Product, and insurance (if you desire). You are also responsible for loss or damage to the Product in shipping.

What StressVest® will do:

If the problem reported concerning your StressVest® system, accompanying Consumables and Accessory

Items is covered by this warranty and if you first reported the problem to StressVest® within the acceptable warranty period, StressVest® sole responsibility will be to repair or replace the StressVest® system, accompanying Consumables and Accessory Items at no charge to you for parts or labor. The decision as to whether to repair or replace the StressVest® System and/or accompanying Consumables and Accessory Items is made by StressVest® at their sole discretion. The repaired or replacement StressVest® System and/or accompanying Consumables and Accessory Items will be returned to you freight prepaid.

If the StressVest® System and/or accompanying Consumables and Accessory Items are not covered by this warranty you will be contacted and charged for shipping the StressVest® System and/or accompanying Accessory Items back to you and charged for any service and/or replacement parts/products at StressVest®'s then current published rates after your written approval.

Limitations and Exclusions

StressVest® is not responsible for damage to or loss of any equipment related to the use of this Product. Except for that repair or replacement as described above, StressVest® shall not be liable for any direct, indirect, incidental or consequential damages or specific relief. Because some states do not allow the exclusion or limitation of consequential or incidental damages the above limitation may not apply to you.

THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, WHETHER EXPRESSED BY AFFIRMATION, PROMISE, DESCRIPTION, DRAWING, MODEL OR SAMPLE. ANY AND ALL WARRANTIES OTHER THAN THIS ONE, WHETHER EXPRESS OR

IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY DISCLAIMED. IF THE EXCLUSION OF IMPLIED WARRANTIES IS PROHIBITED BY STATE LAW, THEN ANY APPLICABLE IMPLIED WARRANTIES SHALL BE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY DESCRIBED ABOVE AND OTHER PROVISIONS CONTAINED HEREIN.

- **This Limited Warranty is the only warranty that StressVest® is giving for this Product. It is the final expression and the exclusive and only statement of StressVest®'s obligations to you. It replaces all other agreements and understandings that you may have with StressVest® or its representatives.**
- **The Limited Warranty (and StressVest®'s obligation to you) may not be changed in any way unless you and StressVest® Inc sign the same piece of paper in which we (1) refer to this Product and your bill of sale date, (2) describe the change to this warranty and (3) agree to make that change.**

Release and Limitation of Remedies

PURCHASER AGREES TO ASSUME ALL RISKS OF LOSS AND AGREES TO RELEASE STRESSVEST® FROM ANY AND ALL LIABILITY FOR ANY DAMAGES AND BODILY INJURY WHICH MAY RESULT FROM THE USE OR MISUSE OF THE PRODUCT BY THE PURCHASER OR ANY OTHER PERSON. STRESSVEST® IS NOT LIABLE FOR THE FAILURE OF THE PRODUCT TO PERFORM AND STRESSVEST® IS NOT LIABLE FOR ANY CLAIMS MADE BY A THIRD PARTY OR BY PURCHASER FOR OR ON BEHALF OF A THIRD PARTY. STRESSVEST®'S CUMULATIVE LIABILITY TO ANY PARTY FOR ANY LOSS OR DAMAGES RESULTING FROM ANY CLAIMS, DEMANDS, OR ACTIONS ARISING OUT OF OR RELATING TO THIS PRODUCT SHALL NOT EXCEED THE PURCHASE PRICE PAID TO SHOCKNIFE FOR THE PRODUCT. IN NO EVENT WILL STRESSVEST® BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED, WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, EVEN IF STRESSVEST® HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR IF SUCH DAMAGE COULD HAVE BEEN REASONABLY FORESEEN, AND NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY EXCLUSIVE REMEDY PROVIDED HEREIN. SOME STATES DO NOT ALLOW FOR THE LIMITATION OR EXCLUSION OF LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL

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Patents: U.S. Patent, Patents Pending and International Patents Pending

WARNINGS, RISKS AND LIABILITIES



IMPORTANT STRESSVEST® PRODUCT SAFETY AND HEALTH

INFORMATION Read and understand the following before handling or using the StressX Elite and related products. Prior to utilizing the StressX Elite system, all individuals participating in StressX Elite training or exposure, should receive proper training in it's safe use by a certified StressX Elite instructor or master instructor. Contact Stressvest at info@stressvest.com to identify a qualified trainer. Participants should be aware that any use of force training or physical exertion involves risks that a person may become injured or die. **This document is effective as of March 1, 2016 and supersedes all prior revisions.**

SAFETY INFORMATION: STRESSX® ELITE EXPOSURES

StressX Elite utilizes a localized electrical discharge device that is designed to be placed on the center of the abdomen below the belly button and/or on the outside of the upper arm below the shoulder but above the elbow.

No Minors. Because of parental/guardian consent issues, no minor (Individuals under the age of legal majority, typically 18 years) will be exposed to a StressX Elite electrical discharge as part of a training course, demonstration, or otherwise.

Pregnant, Possibly Pregnant or Nursing females will **NOT** be allowed to participate in StressX Elite training.

SAFETY INFORMATION: STRESSX ELITE ELECTRICAL DISCHARGE DEVICES, KNOWN AND POTENTIAL SIDE EFFECTS

Physiologic or Metabolic Effects. The electrical discharge can produce physiologic or metabolic effects which include, but are not limited to, changes in: acidosis; adrenergic states; blood chemistry, blood pressure; calcium, creatine kinase ("CK"); electrolytes (including potassium); lactic acid; myoglobin; pH; respiration; heart rate, rhythm, capture; stress hormones or other biochemical neuromodulators (e.g., catecholamines). Therefore, reasonable efforts should be made to minimize the number of Electrical Discharge exposures and resulting

physiologic and metabolic effects. In human studies of electrical discharge from a single Electrical Discharge of up to 15 seconds, the effects on acidosis, CK, electrolytes, stress hormones, and vital signs have been comparable to or less than changes expected from physical exertion similar to struggling, resistance, fighting, fleeing, or from the application of some other force tools or techniques. Adverse physiologic or metabolic effects may increase risk of death or serious injury. The StressX Elite electrical discharge allows for a maximum 0.190 second exposure each activation, followed by a 100 millisecond rest period before any subsequent exposure.

Muscle Contraction or Strain-Related Injury. Electric Discharges can cause strong or moderate muscle contractions that may result in physical muscle, tendon, ligament, nerve, bone, or joint; or injury or damage, exertion, athletic, or sport-type injury, including, but not limited to, injuries such as: hernia rupture, dislocation, tear, or other injury to soft tissue, organ, associated with or to orthopedic or other hardware. Fracture to bone, including compression fracture to vertebrae, may occur. These injuries may be more serious and more likely to occur in people with pre-existing injuries, orthopedic hardware, conditions or special susceptibilities, which include but are not limited to, known or unknown: pregnancy; osteopenia; osteoporosis; spinal injury; or previous muscle, disc, ligament, joint, bone, or tendon damage or surgery. Such injuries may also occur when a person reacts to the electrical discharge by making a rapid movement.

Seizure. Repetitive stimuli (e.g., flashing light or electrical stimuli) can induce seizure in some people. This risk may be increased in a person with a seizure history or if electrical stimuli pass through the head area. This may also result in a person falling with a possible secondary injury.

Stress and Pain. The StressX Elite electric discharge can cause temporary discomfort and pain which may result in stress, panic, anger, rage, or startle which may be injurious to some people and may cause adverse changes in blood chemistry. Additionally, anticipation of electric discharge exposure can cause stress, trepidation, panic, startle, or fear, which may also be injurious to some people.

Neurocardiogenic Response (Fainting). A person may experience an exaggerated response to an electric discharge exposure, or threatened exposure, which may result in a person fainting or falling with possible secondary injury.

SAFETY INFORMATION: STRESSVEST® USE

Minimize Repeated, Continuous, or Simultaneous Exposures.

Reasonable efforts should be made to minimize the number of Electrical Discharge exposures. StressX Elite instructors should use the lowest number of Electric Discharge exposures that are objectively reasonable to accomplish the training objective.

Incapacitation, Falling, and Startle Hazard. Electrical Discharge use may cause muscular contraction, Neuro Muscular Incapacitation (NMI), startling, and falling, which could result in death or serious injury.

Scarring. Use of an StressX Elite electric discharge may cause irritation, puncture, mark, abrasion, rash, burn, keloid, or other scarring that may be permanent. The nature and severity of these effects depends on numerous factors including the area of exposure, number of exposures, individual susceptibility, and other circumstances surrounding StressX Elite electric discharge use, exposure, and after care. Electrical discharge can cause a histamine reaction in the skin. Individuals suffering from mastocytosis or any other related disease or disorder related to a exaggerated histamine response are susceptible to electrical discharge. This may result in scarring or pronounced Urticaria, commonly referred to as hives.

Liability Release and Covenant Not to Sue

Anyone purchasing and/or using the StressX Elite must first agree to the following. If the following is not agreed to by the purchaser, return unused product for refund.

It is the obligation of all purchasers of the StressX Elite to ensure all users to ensure have no preexisting medical condition that may subject them to risk or harm as a result of participating in StressX Elite exposure. Purchasers can download a copy of the Warnings, Risks and Liabilities form for signing by participants at www.stressvest.WRL/form.pdf

Anyone who chooses to participate in StressX Elite training and/or agrees to be exposed to the StressX Elite electrical discharge acknowledges the following:

LIABILITY RELEASE, COVENANT NOT TO SUE AND HOLD HARMLESS

1. I acknowledge that I have read the above Warnings, Risks and Liabilities of the StressX Elite and with full knowledge of such risks, has voluntarily agree to participate in the training course and I assume all risks, whether known or unknown, foreseen or unforeseen.

2. For those who will experience a StressX Elite Electric Discharge Exposure: I understand that a StressX Elite Electric Discharge Exposure results in strong muscle contractions, physical exertion, and stress and involves the risk of physical

or other injury. I acknowledge that I have read the above Warnings, Risks and liabilities and with full knowledge of such risks, I voluntarily agree to experience a StressX Elite Electric Discharge Exposure and I assume all risks, whether known or unknown, foreseen or unforeseen, inherent in the StressX Elite Electric Discharge Exposure.

3. Intending that this form be legally binding upon me, my heirs, executors, administrators, and assigns, I hereby waive, release, forever discharge the instructor, my law enforcement agency, the StressX Elite distributor, (Setcan Corp. operating as Stressvest) and all of its agents, directors and employees of and from any and all claims, demands, rights and causes of action of whatsoever kind and nature, arising from, and by reason of any and all known and unknown physical and mental injuries and consequences thereof, whether foreseen or unforeseen, suffered by me from any and all activities involving exposure to the StressX Elite Electric Discharge Exposure. I specifically waive any statutory rights I may have regarding the release of known or unknown claims.

4. I further agree that neither I nor my heirs, estate, personal representative, nor any other person or entity will ever institute any action, litigation or suit at law or in equity against the instructor, my law enforcement agency, the StressX Elite manufacturer, the StressX Elite distributor, Setcan Corporation and all of its agents, directors and employees for any damages, costs, loss or injury arising out of any and all activities during the StressX Elite Electric Discharge Exposure.

5. I further agree to indemnify and save harmless the Instructor, my law enforcement agency, the StressX Elite manufacturer, StressX Elite distributor(s), Setcan Corporation and all of its agents, directors and employees from all liability, loss, costs and obligation of any and every kind on account of or arising out of any injuries or losses incurred by me, however occurring, arising out of any and all activities during the exposure to the StressX Elite Electric Discharge Exposure.

6. In purchasing or taking possession of the StressX Elite, I agree that I have read and understand this entire form; I understand that it is a promise not to sue and a release and indemnity for all claims; I further understand that by exposing myself to the StressX Elite I am giving up certain legal rights including the right to recover damages in case of injury; and I agree to abide by the terms and conditions of this form.

7. This release does not release any rights I may have under Workers' Compensation Laws. I waive any Workers' Compensation subrogation rights against Setcan Corporation. I agree that any recoveries under Workers' Compensation Laws do not change, extend or enlarge the waivers and protections

inherent in this agreement.

StressX® Elite is owned and operated by Setcan Corporation 1080 Kingsbury Avenue, Winnipeg, MB, Canada R2P 1W5 Fax: (204)-586-2049 Phone: 1-(204)-336-0011.

PROHIBITED FROM PARTICIPATING IN STRESSX ELITE TRAINING

The following individuals are prohibited from participating in training using the StressX Elite system:

- Any person whom is not a legal adult or does not have the mental capacity to understand the risks associated with StressX Elite training.
- Any person whom is pregnant or may be pregnant.
- Any person suffering from Post Traumatic Stress Disorder, Acute Stress Disorder or any other mental disorder that may be aggravated by participating in StressX Elite training.
- Any person whom does not provide voluntary consent to participate in StressX Elite training. This consent can be removed by the person at anytime during the training.
- Any person suffering from any condition or disorder that may be aggravated by participating in StressX Elite training.
- While operating any vehicle or mechanical device that may place the individual or others at risk if an electrical discharge is received.
- While in an elevated location or position where an electrical discharge may result in falling a distance that may result in injury.
- While submerged in water where the electrical discharge may interfere with the individual's ability to remain safely afloat.
- Never use the StressX Elite in proximity to flammable or explosive substances.

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1. Introduction to Guide

1.1. Important

All purchasers and/or users of the StressX Elite must first read and understand the Warnings, Risks and Liabilities associate with the StressX Elite prior to using the product. The Warnings, Risks and Liabilities can be found on Page 6, 7, 8, 9 & 10 of this guide.

1.2. Scope

The guide includes warnings, risks and liabilities, nomenclature, functionality, operation, cleaning and maintenance of the StressX Elite.

The manual does not include functionality or operation of any integration device being used with the StressX Elite. See the integration device manufacturer's manual for details of functions and operation.

1.3. Product

This manual is specifically for the StressX Elite package (including all accessories and components).

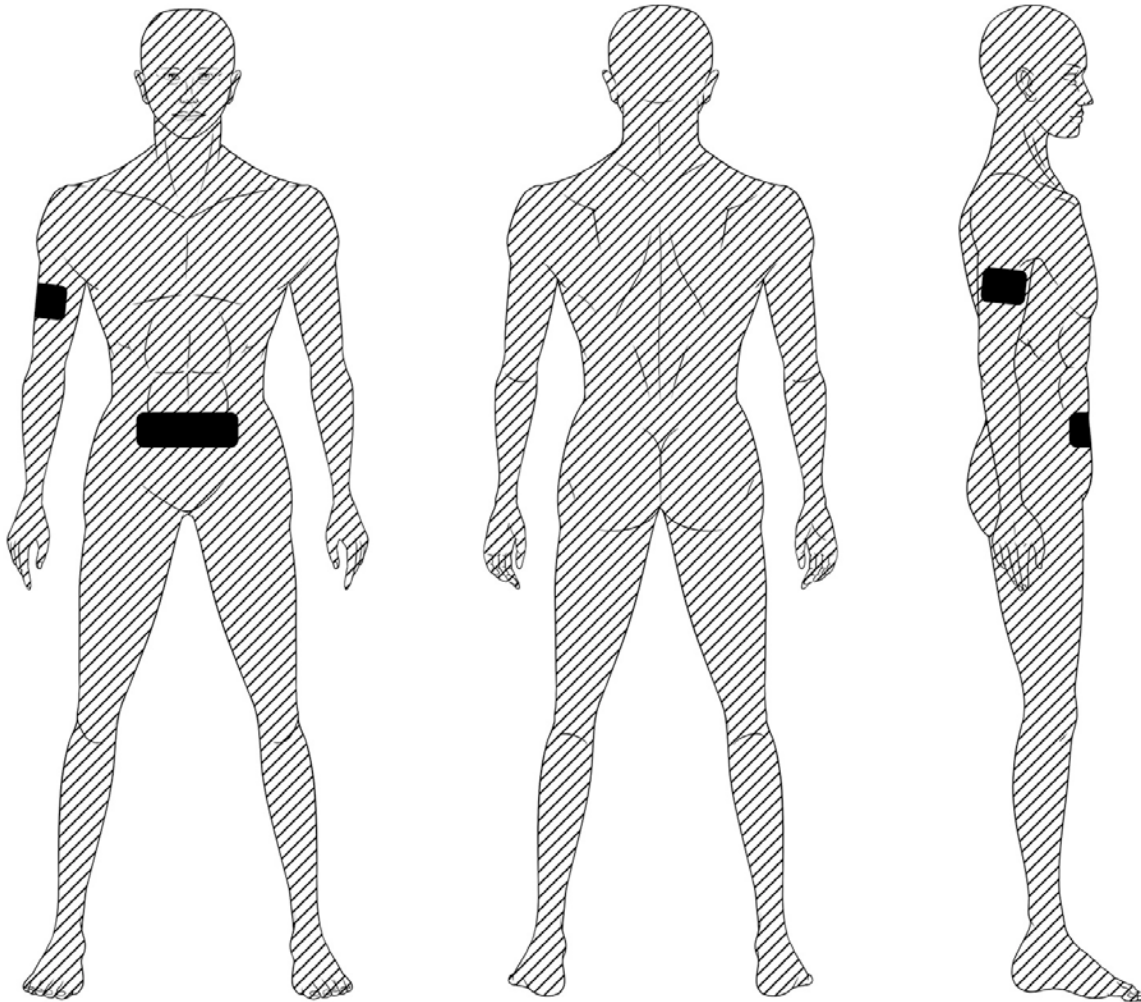
- Product Name: StressX® Elite
- Model: SXE16V1
- Year: 2016 or 2017
- S/N: _____ (Located on rear of StressX Controller)

Register the StressX Elite at: www.stressvest.com/stressxelite/registration

Ensure product is registered for warranty coverage and software updates

1.4. StressX Elite Safety

NEVER place the shocker on any other location on the body other than the abdomen and upper, outer arm.



■ Safe Area

▨ Danger Area

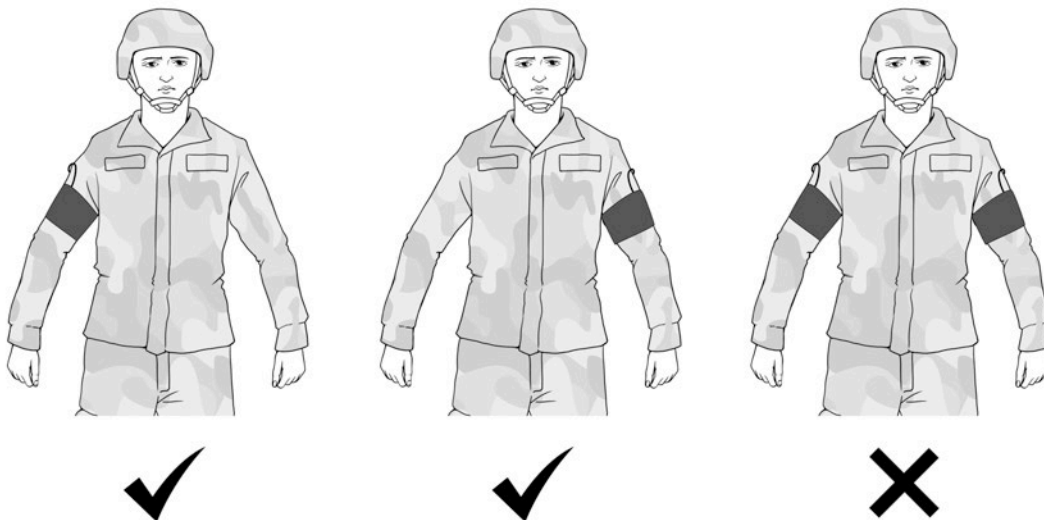
PLACE SHOCKERS ONLY IN SAFE AREA SPECIFIED ABOVE.

NEVER touch the electrodes on any of the shocking devices with the hands or fingers.



DANGER! DO NOT TOUCH ELECTRODES WITH HANDS OR FINGERS

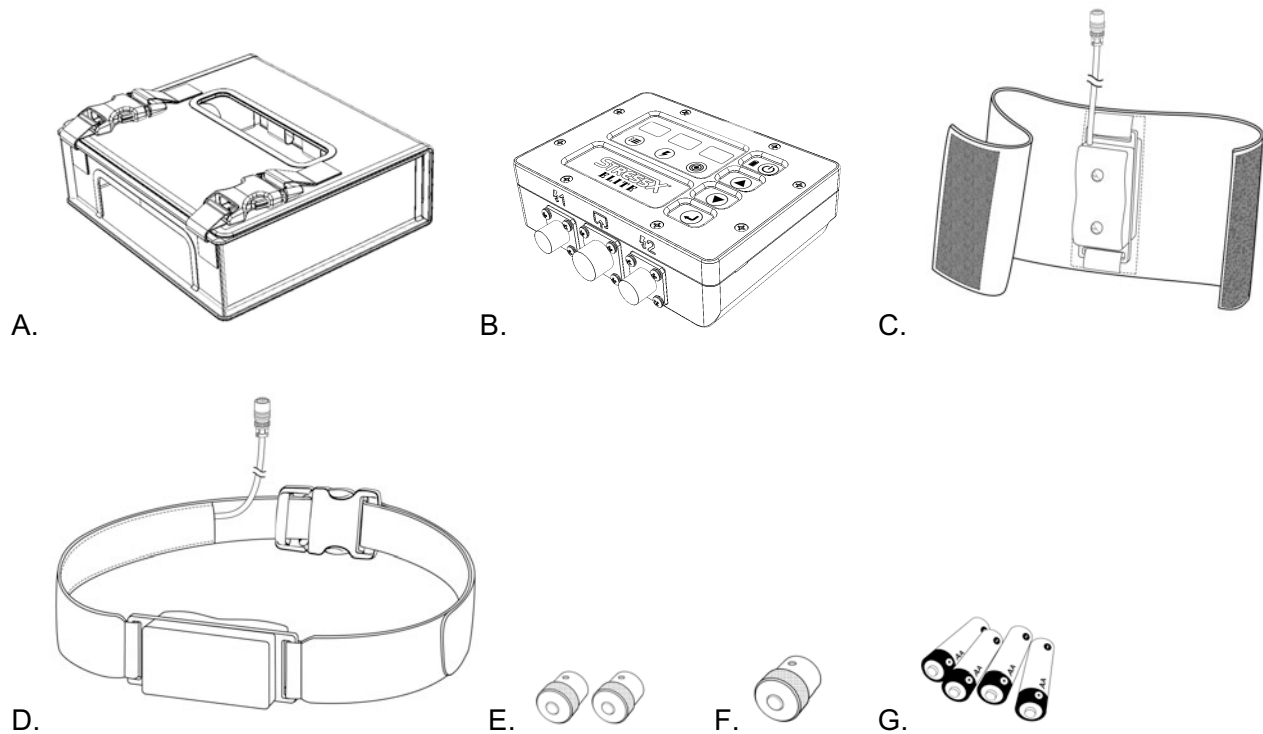
NEVER place the one shocker on one arm and the other shocker on the other arm.



2. Overview of StressX Elite Package

Each package includes the following:

Quantity	Item	Legend
1	StressX Elite Molle Mount Carrier	A
1	StressX Elite Controller	B
1	StressX Elite Arm Shocker	C
1	StressX Elite Stomach Shocker	D
2	StressX Elite Controller Output Plug Caps	E
1	StressX Elite Controller Input Plug Cap	F
4	AA Batteries	G



2.1. Electronics Specifications

The StressX Elite Controller is RoHS compliant and meets or exceeds United States military requirements for all internal and external components.

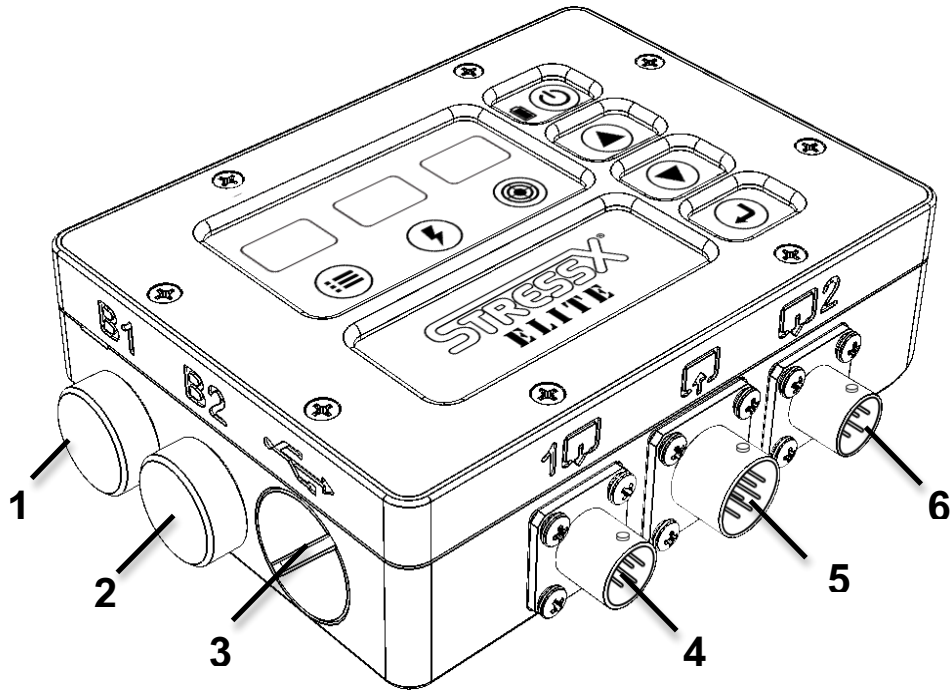
2.2. Environmental



The StressX Elite is dust proof and capable of being submerged in 1 meter of static water for up to 30 minutes.

The StressX Elite operational temperature is between -20C to +60C, check battery manufacturer temperature specifications for battery operational range.

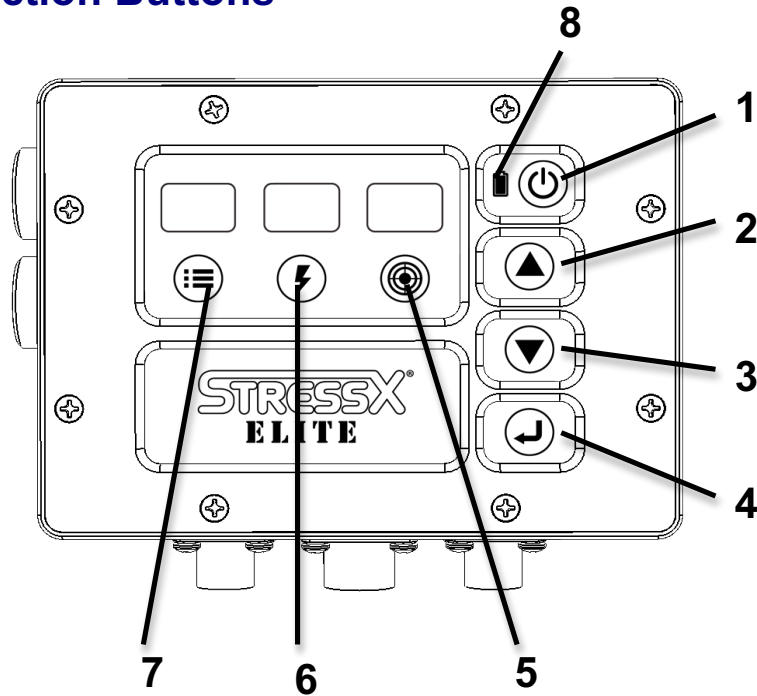
3. StressX Elite Nomenclature






3.1. StressX Elite Nomenclature






Legend	Symbol	Description
1	B1	Battery Compartment #1.
2	B2	Battery Compartment #2.
3		Mini USB Access Port.
4	1Q	Output Receptacle #1.
5		Input Receptacle.
6	2Q	Output Receptacle #2.

3.2. Function Buttons



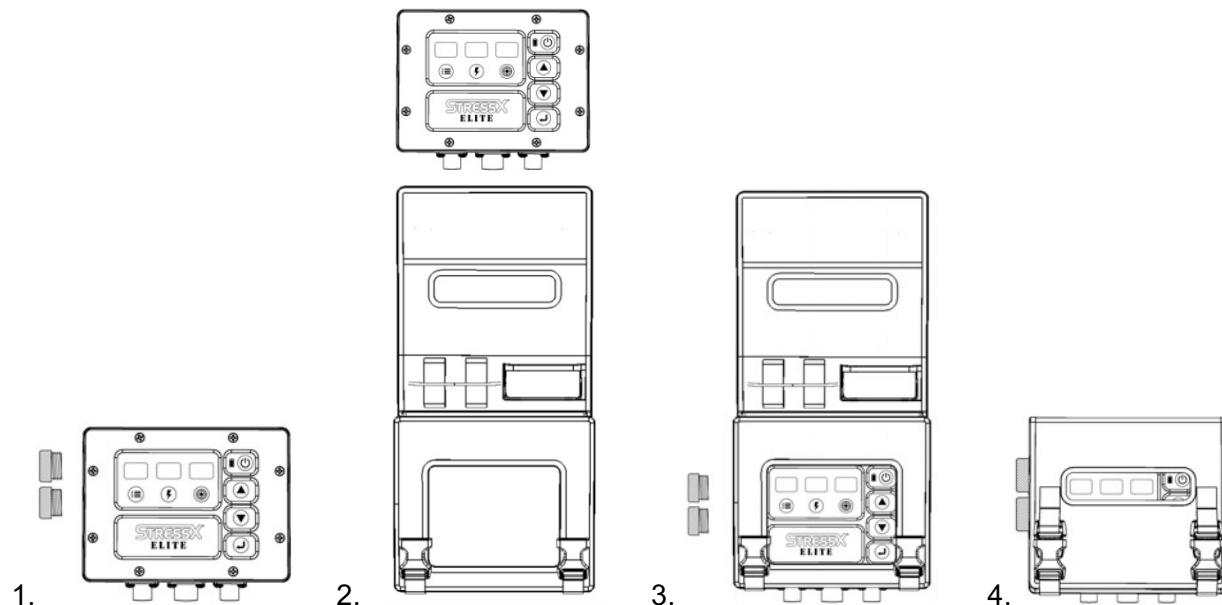
Legend	Symbol	Description	Function
1		Power On/Off	The Power button is used to power the StressX Elite Controller on and off.
2		Navigate Up	The Navigate Up button is used to increase the mode number or shock level.
3		Navigate Down	The Navigate Down button is used to decrease the mode number or shock level.
4		Enter	The Enter button is used to initiate any changes in mode or shock level.
5		Hit Counter	The Hit Counter button allows for the Hit Counter to reset to zero.

- | | | | |
|---|---|------------------------|---|
| 6 |  | Shock Level Selection | The Shock Level button places the StressX Elite Controller in the Shock Level adjustment state. |
| 7 |  | Mode Selection | The Mode button places the StressX Elite Controller in the mode navigation state. |
| 8 |  | Battery Life Indicator | The Battery Life indicator identifies when the batteries should be changed. |

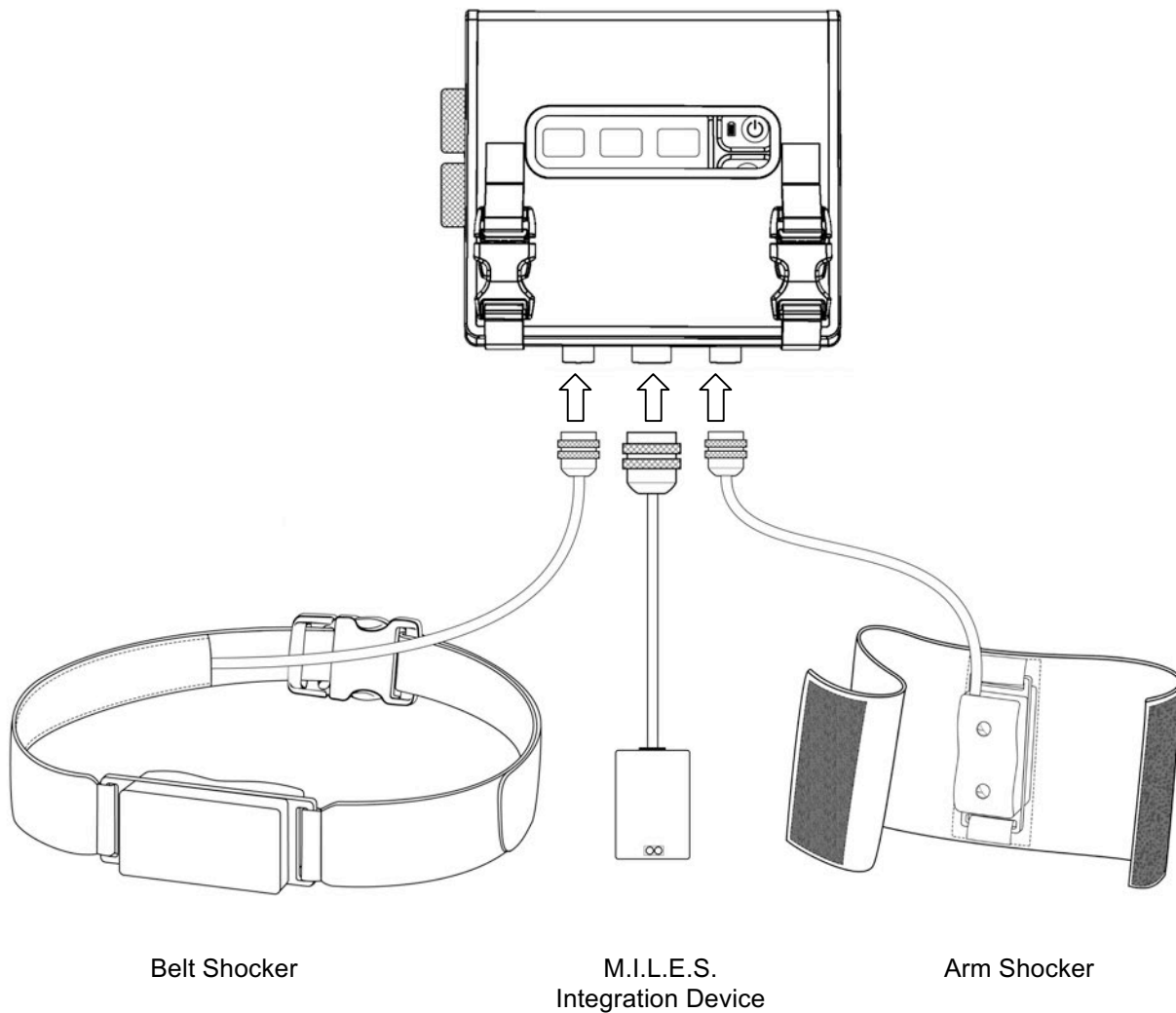
3.3. Assembly

The StressX Elite is designed to fit in the custom Molle Mount Carrier to allow for mounting on any molle system worn by the soldier. The protective caps for the input and output plugs can be secured in the carrier.

1. Place StressX Elite into Molle Mount Carrier by removing battery caps, sliding into the carrier and reinstalling battery caps.



2. Attach the Belt Shocker to output 1, the Arm Shocker to Output 2, and the sensor system to the input. (MILES integration device used for illustration purposes.)

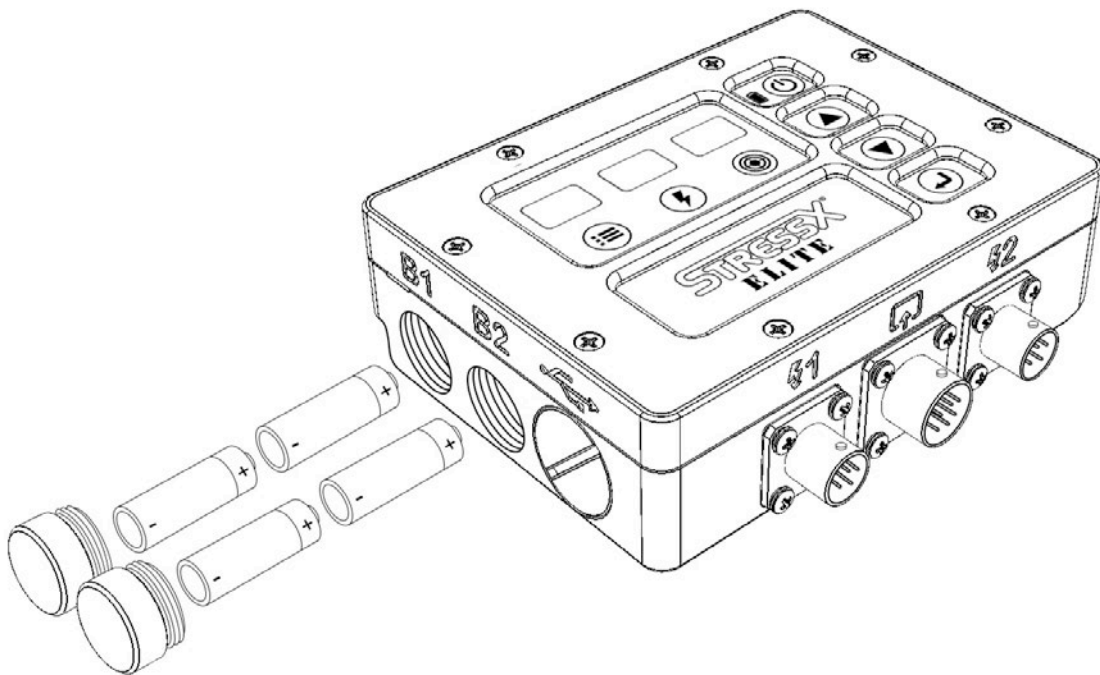


4. Battery Installation

4.1. Overview of Battery Installation

The StressX Elite Controller is powered by four (4) AA batteries. The StressX Elite Belt and Arm Shockers do not require batteries as they are powered from the StressX Elite Controller.

The StressX Elite Controller has two battery compartments that hold two (2) of the four (4) required batteries. The battery compartments are labeled B1 and B2 on the side of the StressX Elite Controller. B1 identifies battery compartment one. B2 identifies battery compartment two.



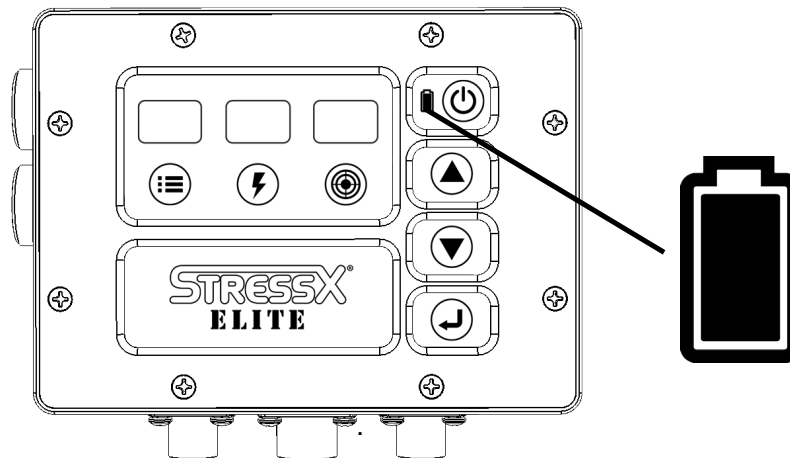
4.2. Installing Batteries in StressX Elite

1. Unscrew the cap to battery compartment one (B1).
2. Insert two AA batteries with the positive (+) post in first.
3. Screw the cap to battery compartment one (B1) back on and hand tighten.
4. Unscrew the cap to battery compartment two (B2).
5. Insert two AA batteries with the positive (+) post in first.
6. Screw the cap to battery compartment two (B2) back on and hand tighten.

4.3. Uninstalling Batteries from the StressX Elite

1. Unscrew the cap to battery compartment one (B1).
2. Insert two AA batteries with the positive (+) post in first.
3. Screw the cap to battery compartment one (B1) back on and hand tighten.
4. Unscrew the cap to battery compartment two (B2).
5. Insert two AA batteries with the positive (+) post in first.
6. Screw the cap to battery compartment two (B2) back on and hand tighten.

4.4. Battery Indicator



The battery indicator provides a quick visible reference when batteries should be changed to ensure optimal performance. At anytime during operation, should the battery indicator light illuminate ensure the batteries are changed as soon as possible.

SOLID RED: When the battery indicator light is illuminated solid red it indicates that less than 12 hours of battery life remains.

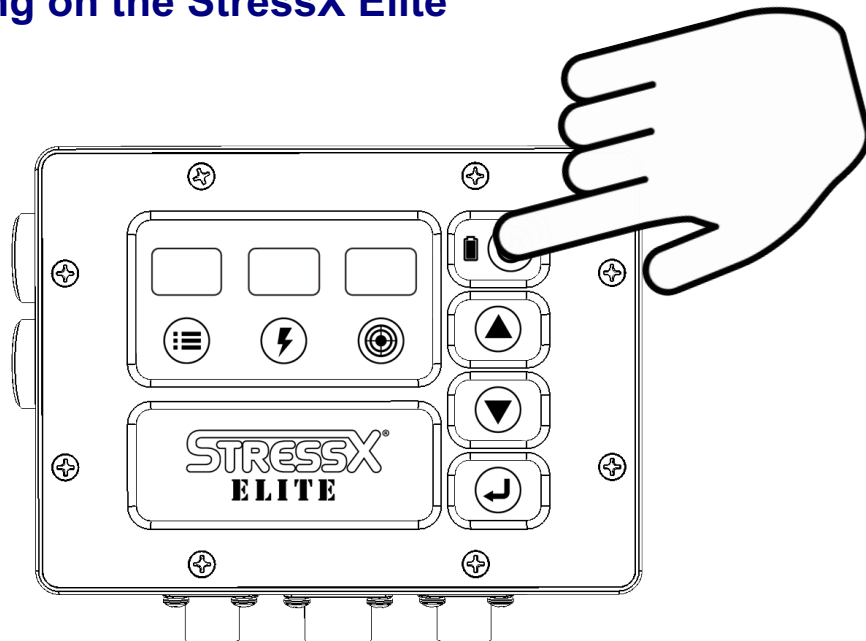
FLASHING RED: When the battery indicator light is flashing red, less than 6 hours of battery life remains.

5. Operating the StressX Elite

This section explains how to perform the following:

- Powering on the StressX Elite
- Powering off the StressX Elite
- Selecting a training mode
- Selecting a shock level
- Resetting the hit counter

5.1. Powering on the StressX Elite

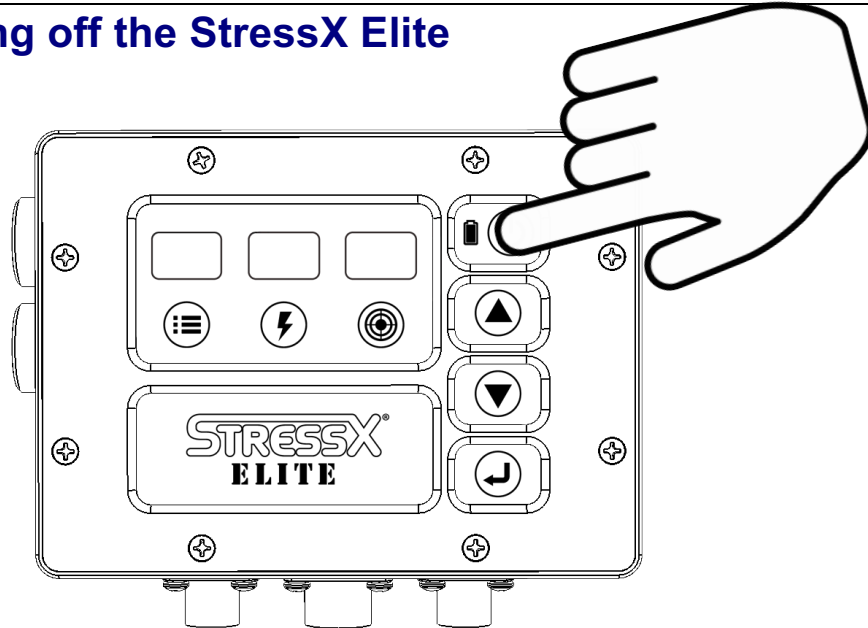


Press and hold the **Power On/Off** button  for one (2) seconds until On appears.

When the device turns on the battery indicator will flash and the digital display will display the word On. Once completely powered, the digital display will display the current mode and shock level for a three (3) second duration. The hits display should read (- -) if no input device is attached or zero (0) if an input device is attached.

NOTE: During start-up a self test is run by the StressX Elite Controller. If any concern is identified and error code will be displayed in digital display.

5.2. Powering off the StressX Elite



Press and hold the **Power On/Off** button  for three (3) seconds until OFF appears.

When powering off, the StressX Elite will display “OFF” on the digital display, which will disappear when the power has turned off. To ensure that the unit has been powered down, press any of the other function buttons and the digital display should not illuminate.

5.3. Understanding Training Modes

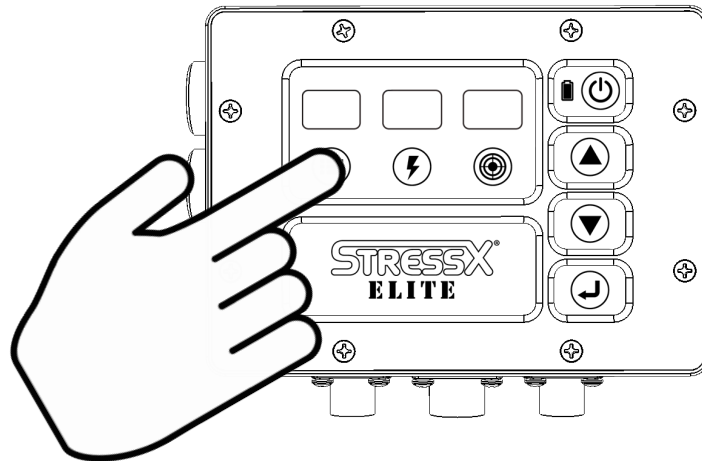
The StressX Elite Controller comes equipped with three (3) basic training modes. Modes define how the StressX Elite Controller will respond when activated. The three basic modes are:


Mode	Name	Description
1	Stress Exposure Mode	Each activation will result in a single shock being delivered to both the shock belt and arm shocker at the pre-selected shock level.
2	Move To Cover Mode	The first activation will be delivered at shock level 1. Each subsequent activation will result in an incremental increase in shock level each activation. Once the shock level has reached level 6 it will remain at level 6 for any subsequent activations.
3	Injured Soldier Mode	The first activation will shock at what ever shock level has been preset. After which a random sampling of shocks will be delivered for a 30 second period.

NOTE: When shock level five (5) and six (6) is selected for Injured Soldier mode, only the first shock will occur at the selected level, then the remaining shocks for the 30 second duration will drop to a level four (4). All other levels will shock only at the pre prescribed shock level selected for the thirty second duration.

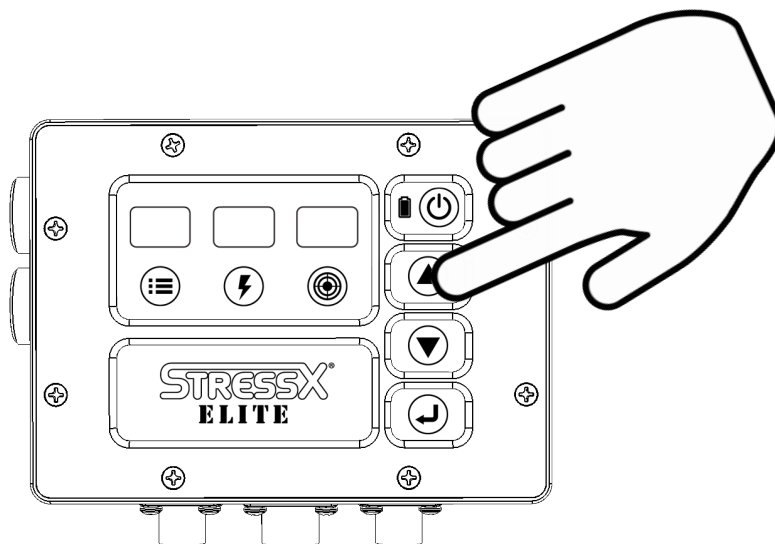
5.4. Selecting a Training Mode



1.



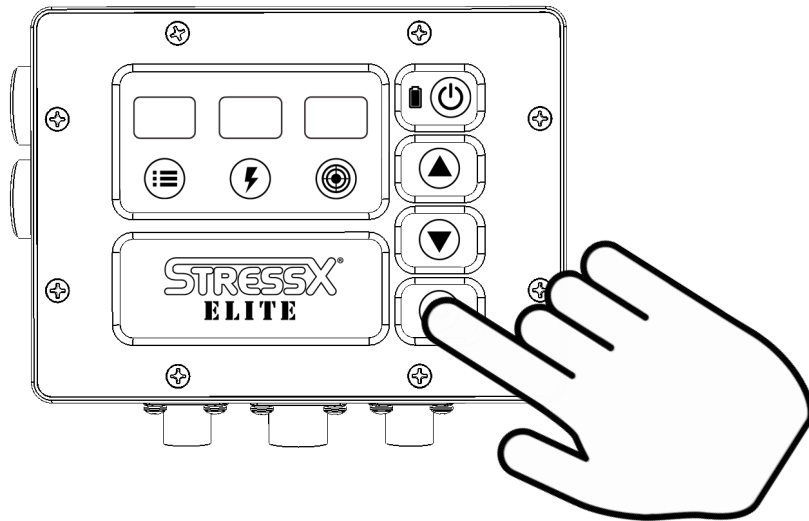
Press the Mode Selection  button twice. The Mode Selection display should be illuminated.


2.



Press the up  or down  arrow until desired mode number is displayed in the Mode Selection Window (Digital display directly above the Mode Selection button).

3.



Press the Enter button  when the desired mode is displayed.

The mode is now uploaded and ready for use.

NOTE: When switching from one mode to another, the shock level will always reset to level 1 regardless of the previous shock level set. If another shock level is desired, then the user must adjust the shock level AFTER switching modes.

5.5. Understanding Shock Levels

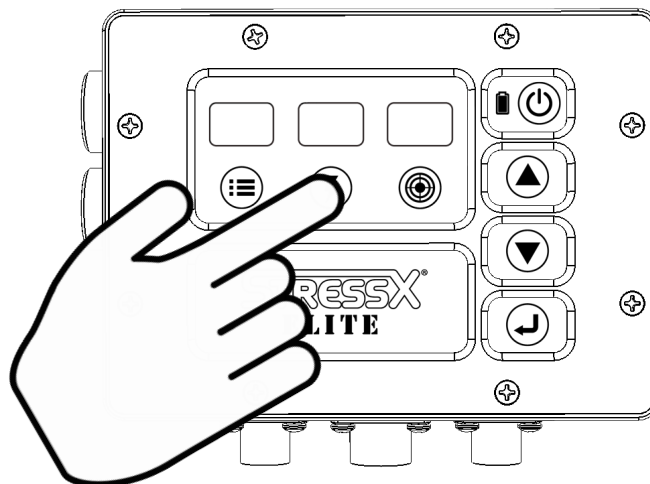
The shock level can be adjusted manually by utilizing the shock level selection button. Each shock level increases the amount of time the shock is delivered. This allows for more pulses to be delivered as the interval increases.


The StressX Elite can deliver the following six (6) levels of shock, with level one being the lowest and level six (6) being the highest:

Shock Level	Duration	Sensation
1	30 milliseconds	Mild
2	40 milliseconds	Moderate
3	50 milliseconds	Uncomfortable
4	70 milliseconds	Very Uncomfortable
5	90 milliseconds	Painful
6	110 milliseconds	Very Painful

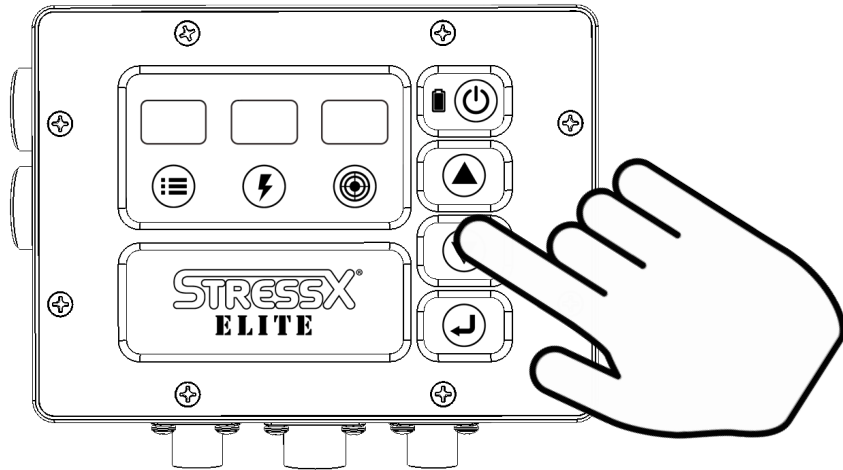
5.6. Selecting a Shock Level



1.



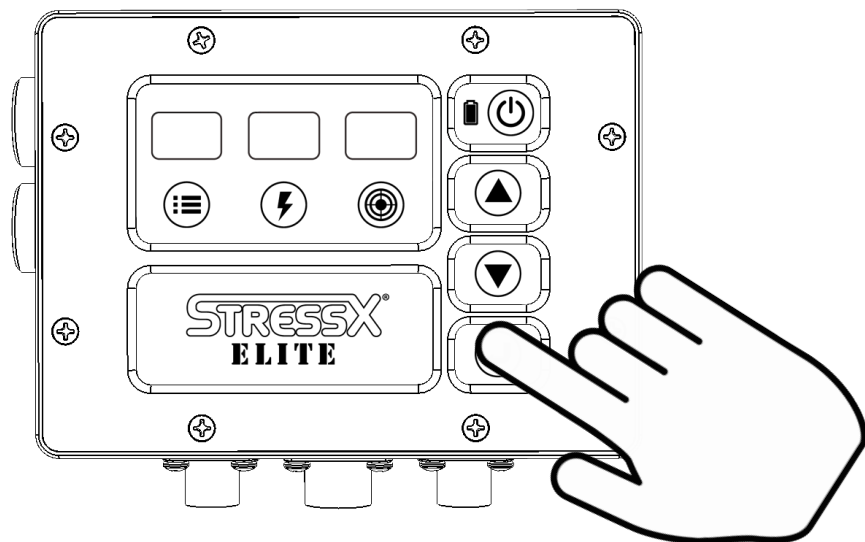
Press the Shock Level Selection  button twice. The Shock Level Selection display should be illuminated.


2.



Press the up  or down  arrow until desired shock level is displayed in the Shock Selection Window (Digital display directly above the Shock Level Selection button).

3.



Press the Enter button  when the desired shock level is displayed.


The shock level is now uploaded and ready for use.

Note: When Mode 2 (Move to Cover Mode) is selected, the shock level will default to level one (1). This means the first activation will occur at a level one (1). Each subsequent activation will occur at a shock level one higher than the previous activation. The shock level will continue to increase incrementally until it reaches the maximum level six (6). Once level six (6) has been reached, each subsequent activation will remain at level six (6).

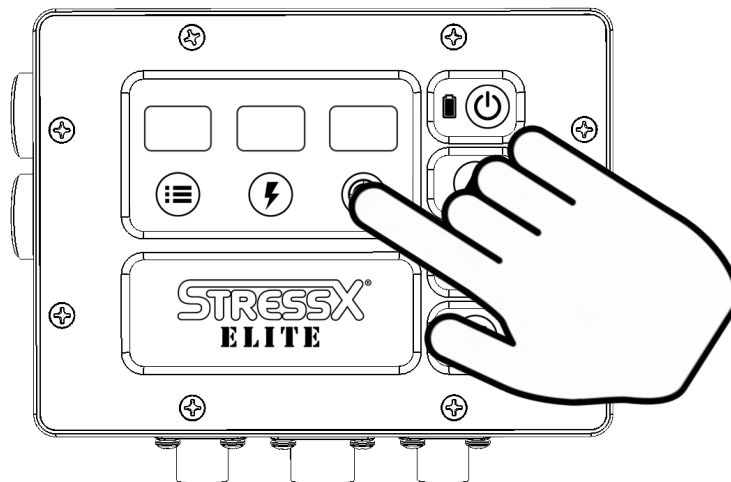
By default, the shock level will start at level one (1) when move to cover mode has been selected. If a higher level is desired for the first and subsequent activations the shock level should be increased immediately after changing to mode two (2). What ever shock level is selected, each activation will increase from the set level upwards until level six (6) has been reached.


5.7. Understanding the Hit Counter

The digital display directly above the Hit Counter  button displays the number of activations since being powered on or the last reset. It will display from zero (0) to Ninety-nine (99) activations. To observe the number of activations of the StressX Elite unit that have occurred since the last

reset or power on, press the Hit Counter  button. This will cause only the Hit Counter digital display area to illuminate for five (5) seconds and the number of activations (hits) can be observed.

5.8. Resetting the Hit Counter



Press and hold the Hit Counter  button for three (3) seconds and the Hit Counter Display will reset to zero (0).

6. Trouble Shooting

6.1. StressX Elite won't power on.

Possible Problem

1. No Batteries in StressX Elite.
2. Batteries are dead or are too low.

Corrective Action

- Place new batteries into StressX Elite.
- Place new batteries into StressX Elite.

6.2. StressX Elite won't capture hits.

Possible Problem

1. Sensor input not connected.
2. Sensor input device not functioning.

Corrective Action

- Insure sensor input is connected.
- Replace sensor input device.

6.3. StressX Elite won't deliver shock.

Possible Problem

1. Shocker not connected to input.
2. Shocker device not functioning.

Corrective Action

- Insure shocker is connected to input.
- Replace shocker device.

6.4. StressX Elite keeps powering off.

Possible Problem

1. Batteries are too low.
2. Device is too hot.

Corrective Action

- Replace with new batteries.
- Place device in area that is cool.

7. Cleaning and Maintenance

7.1. Cleaning the StressX Elite

StressX Elite Controller

The StressX Elite can be cleaned with a cloth that is damp with clean, warm water.

Prior to cleaning, always:

1. Ensure battery caps are on securely.
2. Ensure Mini USB cap is on securely.
3. Ensure all input and output device have been uncoupled and the protective caps are placed on input and output plugs.

Shocking Devices

Shocking devices can be cleaned with a cloth that is damp with clean, warm water. The electrodes and face that is against the body can be cleaned with a 70% alcohol wipe.

Belt and Armband

Should be dry cleaned or placed in an ozone cleaning machine. Ensure all electronics and shocker are removed before cleaning.

7.2. Storing the StressX Elite

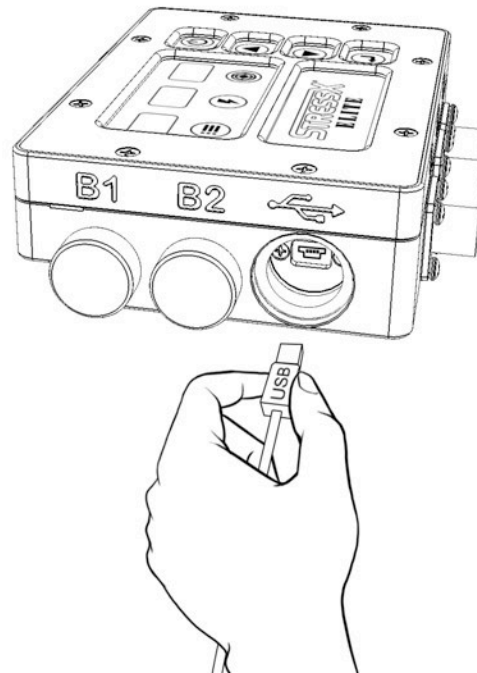
When storing the StressX Elite, always ensure:

- Remove batteries.
- Uncouple input and output devices.
- Place storage caps on input and output devices.

If the carrying case is purchased with the StressX Elite, it can be used for safe storage of the device.

7.3. Maintenance (Software updates)

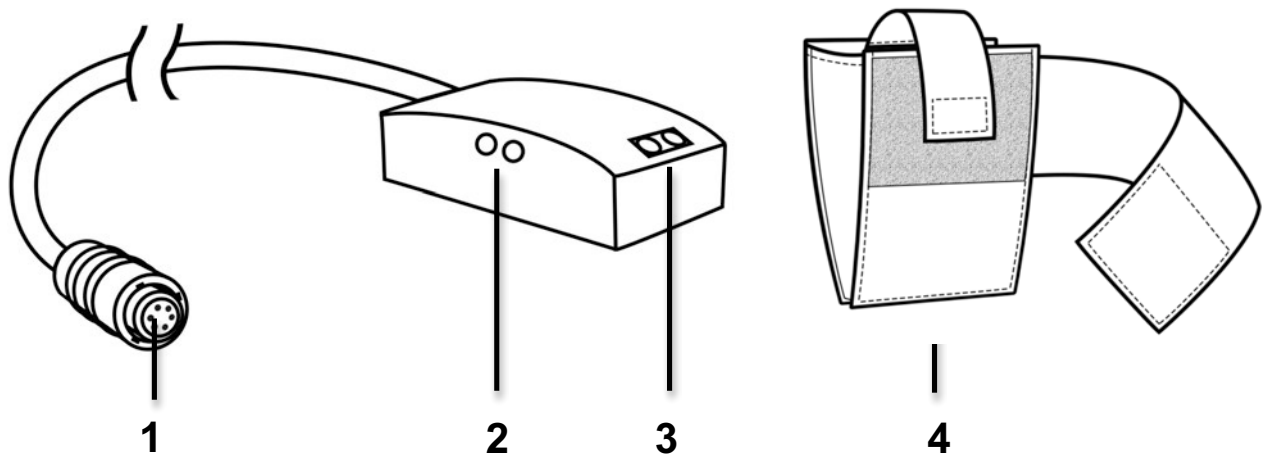
Periodically, the StressX Elite Controller will require a software update. An email will be sent to the email address provided when the StressX Elite is registered. Instructions will be provided on the link provided on how to conduct the software update.



8. Saab® Integration Device (Optional)

The Saab® Integration Device (SID) allows the StressX Elite to be integrated with the Saab® Personnel Detection Device (PDD). It will allow the StressX Elite to be triggered when the PDD is activated during training.

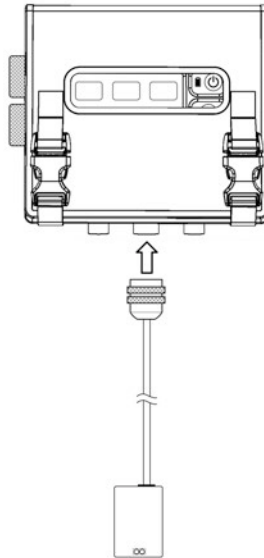
8.1. Nomenclature of the Saab® Integration Device



Legend	Description	Function
1	Connector	Connects to the Input Receptacle of the StressX Elite.
2	IR Sync Window	Used to sync the Saab® Integration Device to the PDD vest.
3	Status LEDs	Status LEDs will indicate when the PDD has been hit and the status of the device sync.
4	Pouch	The Saab® Integration Device slides into the Pouch and is attached to the PDD vest.

8.2. Connecting the Saab® Integration Device to the StressX Elite

Attach the Saab® Integration Device connector to the StressX Elite's Input Receptacle.

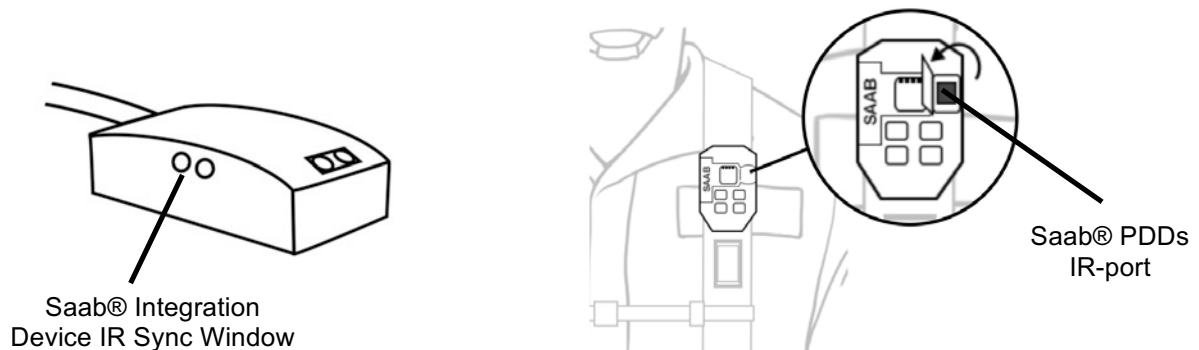


Saab® Integration Device

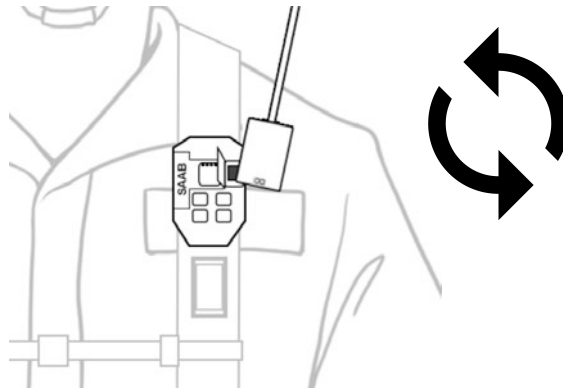
8.3. Syncing the Saab® Integration Device to the Saab® Personnel Detection Device (PDD)

Before the StressX Elite can be used with the Saab® PDD, it must be synced with the Saab® PDD.

1. Power on the StressX Elite with the Saab Integration Device connected.
2. The 'Hits' display will show '- -' to indicate the StressX Elite is not currently synced to a Saab® PDD.
3. Locate and align the Saab® Integration Device IR Sync Window with the Saab® PDDs IR-port. Lift the flap on the Saab® Personnel Computer Unit (PCU) to reveal the IR-port.



4. Hold the Saab Integration Device against the Saab® PDDs IR-port until the vest indicates syncing is complete.



5. The 'Hits' display on the StressX Elite will change to '0' to indicate that the syncing is complete and the StressX Elite is now ready to be used with the Saab PDD.



8.4. Mounting Saab® Integration Device

Insert the Saab® Integration Device into the pouch. Using the large Velcro strap of the pouch, place and secure the pouch onto the Saab® PDD vest .

