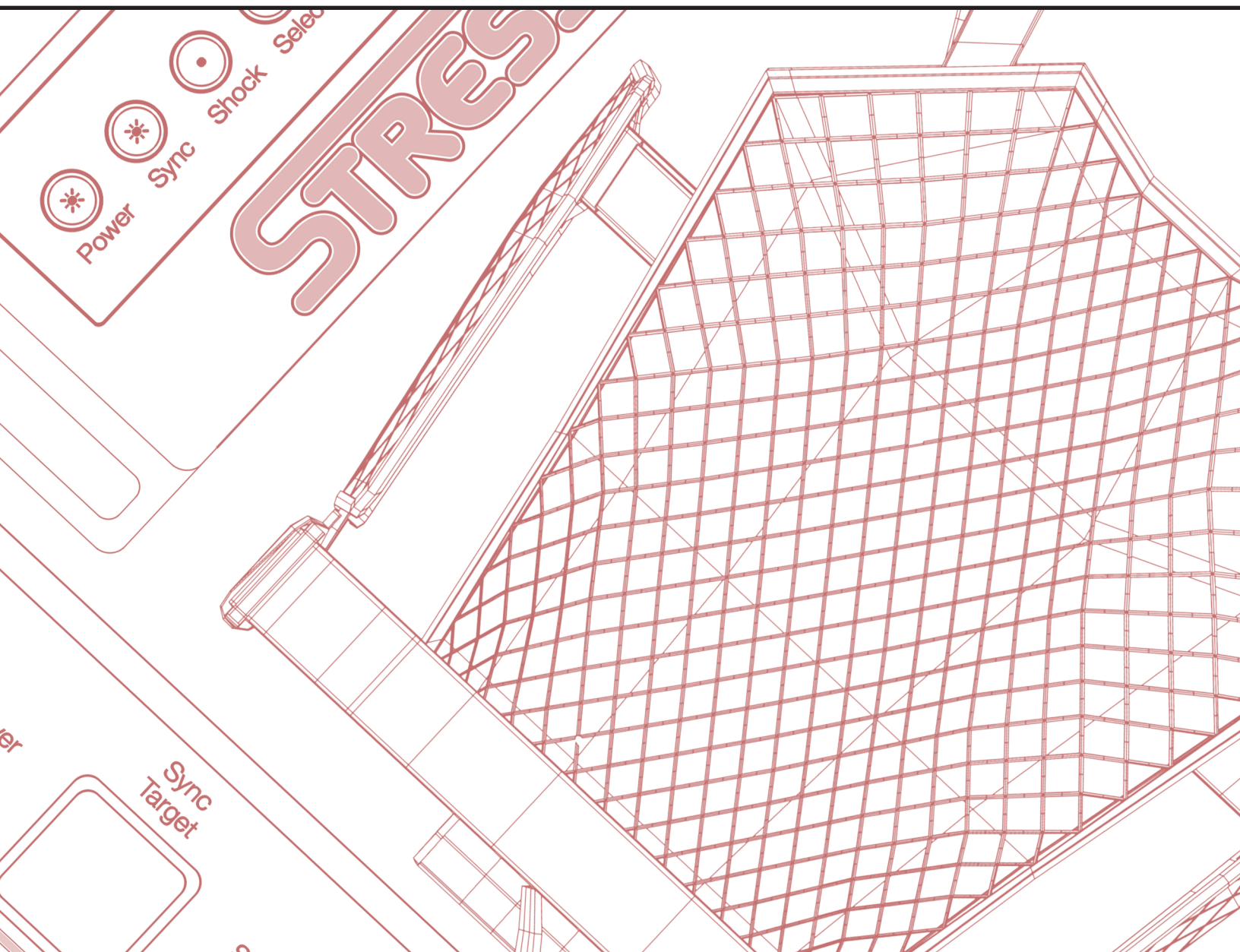


STRESSVEST®



STRESSVEST® SYSTEM *OPERATING MANUAL*

Before using the StressVest® System, please read this manual thoroughly and retain it for future reference.

PRODUCT REGISTRATION

PLEASE RECORD AND KEEP THE FOLLOWING INFORMATION FOR FUTURE
REFERENCE

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Serial Number(s): _____

Purchase Date: _____

Purchased From: _____

Note: • Serial Number located on right side of StressX™ PRO Belt between strap and back of unit.
• Serial Number located on back of StressVest® Transmitter.

Setcan Corporation

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1.0 WARNINGS, CAUTION, AND RISKS

WARNING: MUST READ!

ALL PURCHASERS AND USERS OF STRESSVEST® ELECTRICAL DISCHARGE DEVICES **MUST** READ AND AGREE WITH THE FOLLOWING CONDITIONS PRIOR TO USING ANY STRESSVEST® PRODUCTS. **IF YOU DO NOT AGREE WITH THE CONDITIONS SET OUT IN THIS FORM, PLEASE RETURN THE UNUSED STRESSVEST® PRODUCT FOR A FULL REFUND BEFORE USE.**

It is the responsibility of the purchaser of the StressVest® product to ensure that any individual wishing to train with said products first read and agree to the conditions stated in this form.

Any Instructor wishing to use a StressVest® product as a tool to assist in training other individuals **MUST** ensure all students read and understand warnings, cautions and risks associated with StressVest®.

1. StressVest® electrical shocking devices are designed to be used as a training tool only. Although they are not designed to cause serious injury or incapacitation, the fact that they emit an electrical shock means they do carry risk. It is impossible to predict how each individual will react to the device. While medical evidence supports the use of high voltage, low amperage devices as being safe, those choosing to train with StressVest® products accept risk of injury or even possible death from unforeseen individual susceptibilities.
2. StressVest® devices can cause muscle contractions or reflex reactions which may result in injuries to bones, muscles, tendons, ligaments and joints.
3. StressVest® devices cause both physical and psychological pain which can be stressful and may cause psychological injury in some people.
4. Repeated exposure with the StressVest® device in the same location may cause redness, marks, burning and in extreme cases, scarring that may be permanent.
5. Sparks from StressVest® devices can ignite flammable liquid or gas. Do not use the StressVest® around any flammable material. Ensure any inert or chemical spray products being used in conjunction with training are not flammable and can not be ignited by spark. This includes flammable gas products used to charge airsoft weapons.
6. The StressVest® electrical charge should NEVER be applied to the groin, spine, upper torso, legs, face or neck area. NEVER touch the electrodes with the hands or fingers.

7. No minor or youths or anyone under the age of 18 years should be allowed to train with or be exposed to any StressVest® devices.
8. If you have a condition or pre-existing injury that you believe may be aggravated by StressVest® training, advise your instructor immediately and do not participate in StressVest® device training.
9. Read all directions and associated cautions for any laser systems used in conjunction with the StressVest® system.
10. NEVER touch the electrodes located on the Shock/Vibrator with your hands or fingers. Touching electrodes with different extremities can create a large pathway for an electrical charge to travel through the body and may put certain individuals at risk of bodily harm or even death.

2.0 LIABILITY RELEASE AND AGREEMENT NOT TO SUE

In consideration of using the StressVest® device during training and/or exposure, I acknowledge and agree to the following:

1. I have read the above stated Warnings, Cautions and Risks Associated with StressVest® products. I understand and acknowledge that my participation in any training utilizing a StressVest® device or any exposure to a StressVest® device is by volunteer only. I chose to voluntarily participate in StressVest® device training and/or exposure, understanding that I assume all risks of bodily injury whether physical or psychological that may occur.
2. I acknowledge and intend this form to be legally binding upon me, my heirs, executors, employers or any other party of interest and I am acknowledging that I waive, release any instructor, monitor, agency, business, associated with StressVest® device training including Setcan Corporation and all of it's sales agents, distributors, directors, owners and employees from any claims, demands, suits, rights and cause of action of any kind and nature, arising from and by reason of StressVest® device training or exposure that results in any physical or psychological injury, including death.
3. I understand that by agreeing to this form I have read the entire form and have chosen to participate in StressVest® device training and/or exposure; I understand that by reading this form I am releasing any instructor, monitor, agency, business, associated with StressVest® device training including Setcan Corporation and all of it's sales agents, distributors, directors, owners and employees from any and all legal and civil action or claims; I understand that by reading this form I am agreeing and promising not to sue: I also understand that by agreeing with this form, I am giving up certain legal rights including the right to recover damages in case of injury; 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 agreeing to this Form I am giving up certain legal rights including the right to recover damages in case of injury; and I agree to accept all the stated conditions and terms of this form.

IF YOU DO NOT AGREE TO THE ABOVE CONDITIONS, PLEASE RETURN THE UNUSED StressVest® PRODUCT FOR A FULL REFUND. **IF THE STRESSVEST® PRODUCT IS NOT RETURNED UNUSED, THEN IT IS ASSUMED THAT THE PURCHASER HAS UNDERSTOOD AND AGREED WITH THE CONDITIONS OF THIS FORM.** PURCHASERS ARE ENCOURAGED TO HAVE THIS FORM REVIEWED BY AN ATTORNEY OF THEIR CHOSING BEFORE AGREEING TO THE FORM.

3.0 GENERAL WARNINGS

1. Read this manual in its entirety before using the StressVest®.
2. The StressVest® should be cleaned only as recommended by the manufacturer and in accordance with the water and moisture warnings stated in this manual. (see page 23 – Cleaning & Maintenance).
3. Do NOT submerge the StressVest® in water.
4. Do NOT attempt to service the StressVest® other than regular maintenance stated in this manual (see page 23 – Cleaning & Maintenance). All servicing should be referred to Setcan Corporation.
5. Certain electronics that are part of the StressVest® system are designed to be permanently sealed inside for the life of the product. Do NOT open or attempt to open any electrical components of the StressVest®. Doing so is dangerous and will void the warranty.
6. The StressVest® is designed to be used at room temperatures between (40°F to 85°F). Do NOT use in extreme high or extreme low temperatures.
7. Do NOT store near flammable material.
8. NEVER touch the electrodes of the Shock/Vibrator with the hands or fingers.

4.0 STRESSVEST® PARTS AND FEATURES

The basic StressVest® package comes complete with the following items:

4.1 StressVest® Lockable Storage Case



The StressVest® Lockable Storage Case allows for safe, clean and quick storage of your StressVest® system. The case is made of impact resistant polymer and can be double locked with padlocks for security. The case is custom made to hold the following:

- Panel Vest
- StressX™ PRO Belt
- StressVest® Transmitter
- Charger
- Training Firearm(s) *(Note: Training Firearms sold separately)*

Note: Ensure warning labels are NOT removed from the case.

4.2 Panel Vest

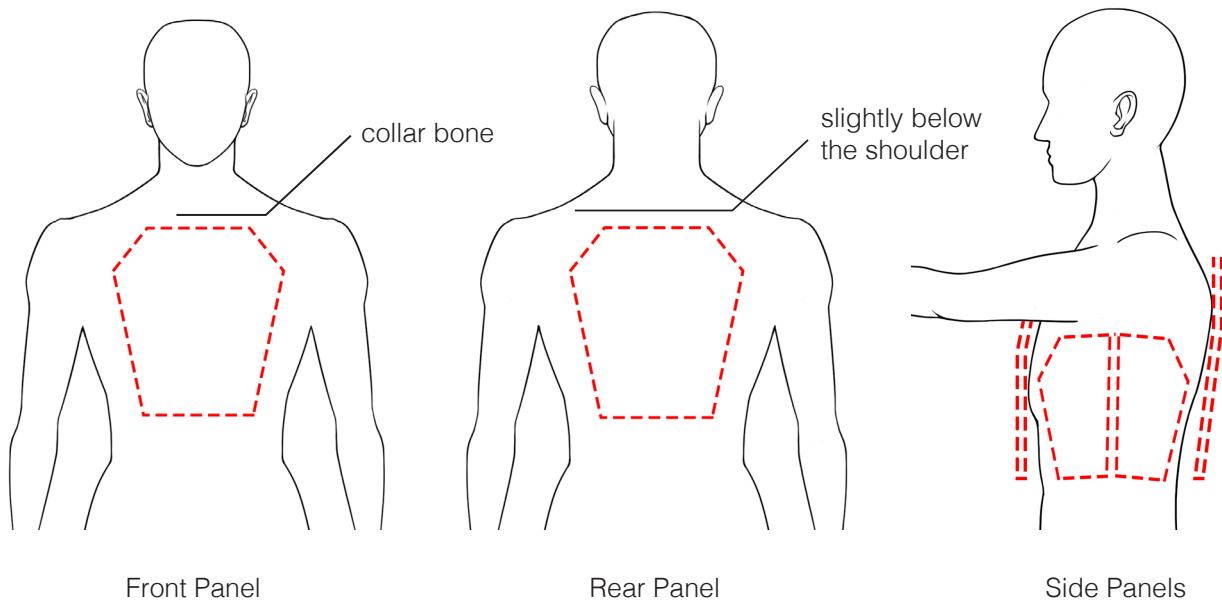


The Panel Vest holds the sensor receivers required to recognize when the laser pulse is sent from the training firearm. The sensor receivers are specifically placed in the middle upper torso region of the person wearing the StressVest®. This ensures that feedback is provided to the Role Player only when the student hits the optimal target zone. This should not preclude the Instructor from monitoring shots placed outside of the sensor diode receivers.

Note: The Panel Vest itself is NOT capable of delivering a shock or vibration without the StressVest® StressX™ PRO Belt attached.

4.3 StressVest® Positioning

Optimal placement of Front, Rear, and Side Panels.



4.4 StressVest® Transmitter & StressX™ PRO Belt

Each StressVest® comes with a Vest Receiver (front & back), Transmitter, and StressX™ PRO Belt. In order for the StressVest® to function, the Transmitter (on back of StressVest®) needs to be synced (connected) with the StressX™. Once synced, when the Vest Receiver is hit with the laser pulse the Transmitter will send a wireless signal to the StressX™ PRO Belt which will deliver the pain penalty or vibration.



StressX™ PRO Belt

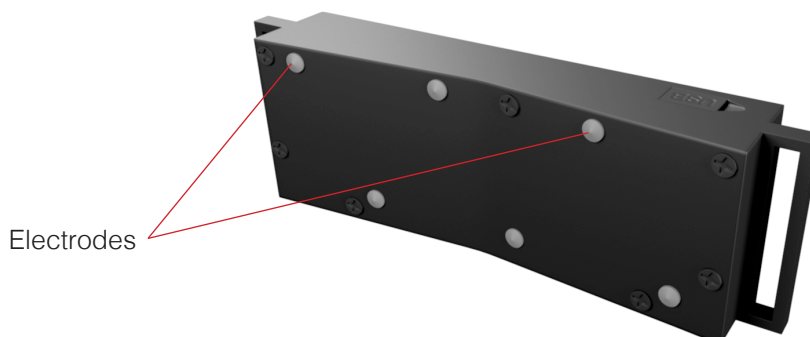


StressX™ Transmitter

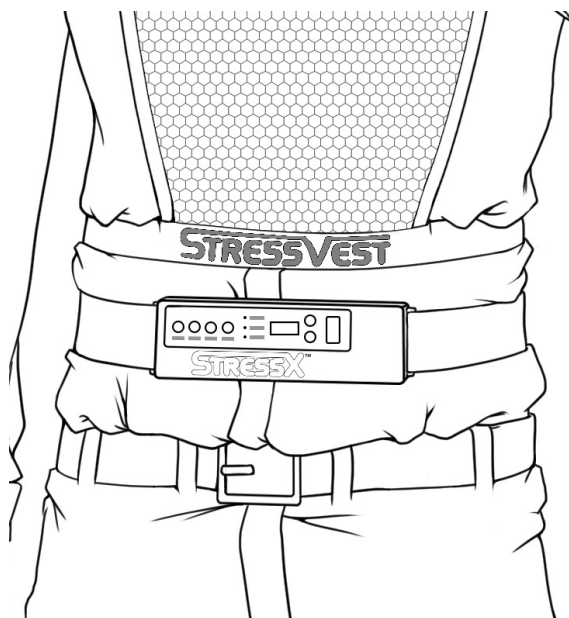


The StressVest® Transmitter is connected to the back of the Panel Vest. It has a USB port that is used for charging and also for remote upgrading of the software if required.

The StressX™ PRO Belt is the brains of the entire StressVest® system. It allows the Instructor to set the system to deliver a vibration or shock. The shock adjustment allows the instructor to adjust the pain penalty based on the students' level of performance from 1 (Lowest) to 5 (Highest). Twelve Advanced Training Instruction Modes have been programmed into the StressX™ PRO Belt to optimize the level of training for the students. Finally, it registers the number of hits to the StressVest®. The StressX™ PRO Belt has a USB port that is used for charging and also for remote upgrading of the software if required.



4.5 StressX™ PRO Belt Positioning



The StressX™ PRO Belt delivers a safe, localized shock to the student. It can also be set to vibrate for role players or students not ready for a pain penalty.

IMPORTANT! StressX™ PRO Belt is designed to go through one layer of clothing only. Additional layers may prohibit shock from being received.

IMPORTANT! Under Armour type clothing may substantially reduce the amount of energy delivered to the student.

IMPORTANT! The StressX™ PRO Belt should be placed directly on the abdomen above the belt. The belt **MUST** be tightened securely to ensure proper contact with the electrodes. It is designed to go through one layer of clothing.

4.6 Electrical Specifications

When in shock mode, the StressVest® will deliver a safe, localized shock, with the following specifications:

Note: Please read Section 1.0 Warnings, Cautions and Risks before using the StressVest®

Electrical Safety Specifications

Power Source : 3.7 Volt Rechargeable Battery
Shock/vibration Location : Belt Worn Externally on Stomach
Maximum Voltage : 4,500 Volts
Maximum Amperage : Less than 1mA over 150msec Activation
Maximum Joules : 0.092 Joules (92mJ)
Duration : Individual Discharge Pulse < 0.1msec
Safety Monitor Certification : Available Online
Instructor Training: StressVest® Reality Based Training Instructor Certification

International Electro Technical Commission - Electrical Safety Standard

The effects of electrical current passing through the human body are covered at the length in the international Electro Technical Commission document IEC 479-2:1987. The Document states that a transient or capacitive discharge, as is the case with static electricity, requires energy in excess of 5 Joules (5000mJ) to produce a direct serious risk of health.

THE ENERGY LEVEL OF THE STRESSVEST® DISCHARGES LESS THAN 2% OF THE ENERGY LEVELS CONSIDERED SAFE.



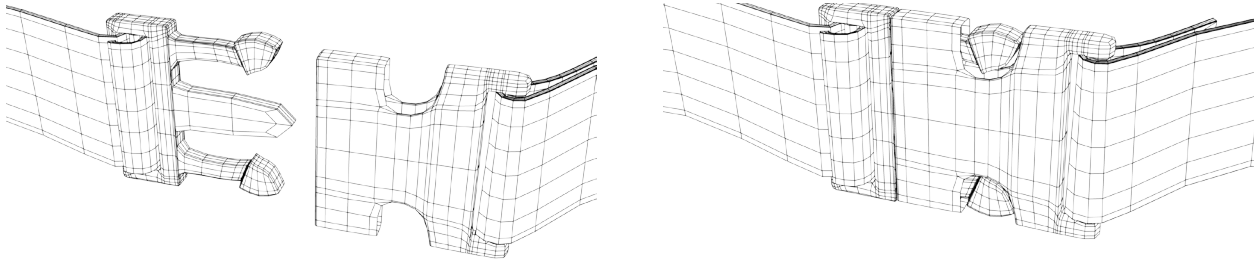
StressVest® uses

SHOCKNIFE™
Technology

5.0 ADJUSTING THE PANEL VEST

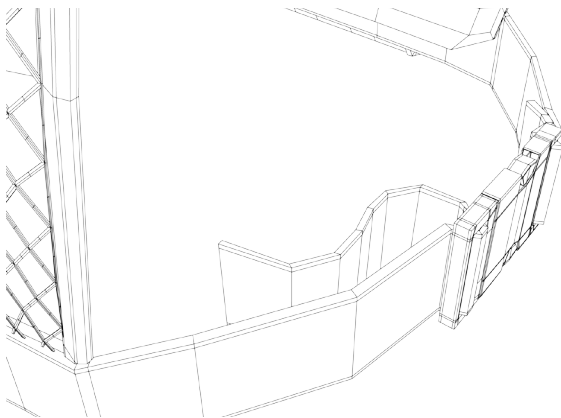
The StressVest® strapping is fully adjustable to accommodate the smallest to largest trainee. The StressVest® can be adjusted at both the waist and shoulders.

1. Undo the Strap Adjustment Buckle on the strapping you desire to adjust. To attach the two strapping's together simply push the male piece into the female portion of the buckle. To release, squeeze the outer sides of the male buckle towards each other and slide out of female end.

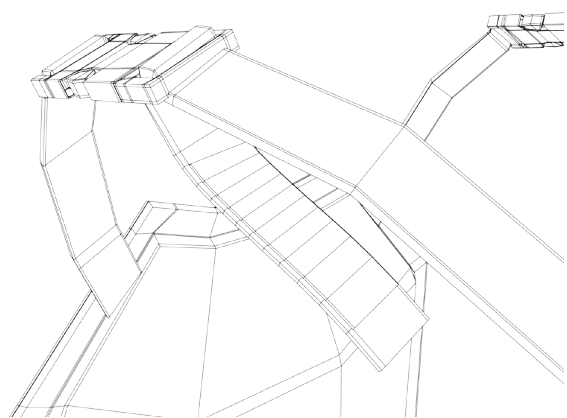


Strap Adjustment Buckle

2. The strapping is secured by Velcro back onto itself. Release the Velcro, adjust to the desired length and reattach the Velcro.



Side Strapping Velcro Adjustment

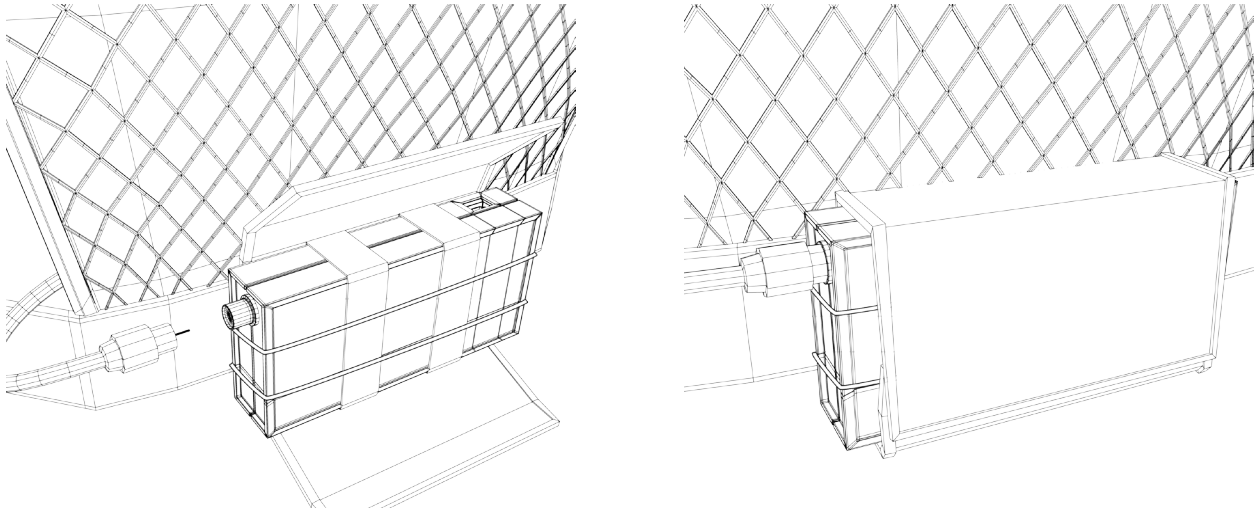


Shoulder Strapping Velcro Adjustment

3. Reconnect the Strap Adjustment Buckle.

6.0 CONNECTING THE STRESSVEST® TRANSMITTER

Attaching the Panel Vest to the StressVest® Transmitter



1. Open up the StressVest® Transmitter storage flaps located at the bottom, rear of Panel Vest.
2. Slide the StressVest® Transmitter under the elastic holding straps and secure with two additional horizontal bungee cords.
3. Attach the Panel Vest connector to the vest connection input located on the top, left hand side of the Transmitter when facing the front of the Transmitter.
4. Push down until the connection locks into position. Be sure the pins are properly lined up prior to pressing it down onto the Transmitter.
5. Prior to using your StressVest® you must sync the StressVest® Transmitter to the StressX™ PRO Belt (see Section 8.8).

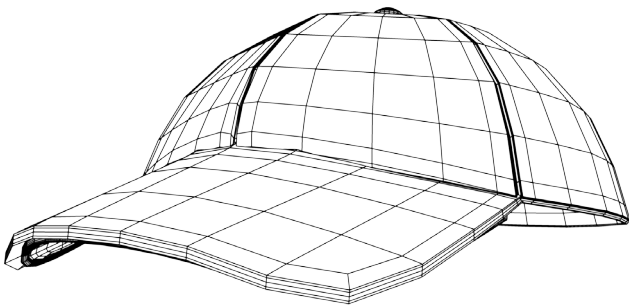
Note: When connecting the Panel Vest Connector to the StressVest® Transmitter, if both the StressX™ PRO Belt and StressVest® Transmitter are powered up, you will activate the StressX™ PRO Belt once upon connection. To avoid this, simply ensure the StressX™ and StressVest® Transmitter are not powered up upon connecting the StressVest® Transmitter to the Panel Vest.

7.0 Connecting the Optional Head Sensor & Side Panels

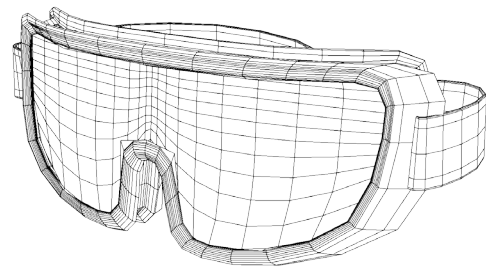
Head Sensors and Side Panels are purchased separately as accessories to the StressVest® System.

7.1 Head Sensors

StressVest® head sensors can be fully integrated into the system. The electronics can be pre-assembled into any headgear, but presently come in either a Baseball cap or Goggles.



Law Enforcement Baseball Cap

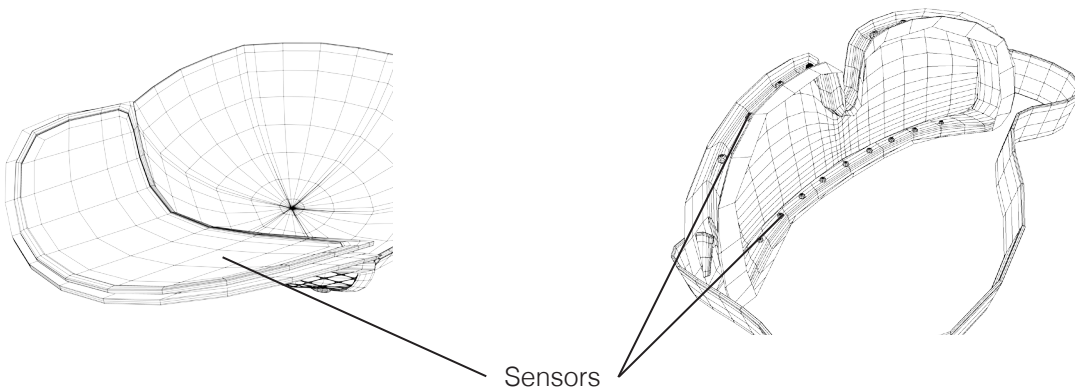


SWAT Goggles

Senses Hits To The Face

The StressVest® Head Sensor system uses the most advanced sensor technology in the world to capture laser hits to the upper facial region.

Sensors on the underside of the front of the Goggles and visor of the Baseball Cap pick up any hits to the upper facial region. This registers a hit for either students or role players and will deliver either a shock or vibration depending how the StressX™ PRO Belt has been configured.



Assembly - Head Sensors

The head sensors are connected to the StressVest® shell via a cable and connector out the back of the Head Sensor that attaches to the connector that is available out the back shoulder of the StressVest® shell.



1. Attach the Head Sensor connector to the vest connection input located on the rear Vest Panel of the StressVest®.

2. Line up the pins and push down until the connector locks into place.

Note: *DO NOT* try to force the connectors into each other. If they are not lined up correctly you could damage the connectors.

7.2 Side Panels

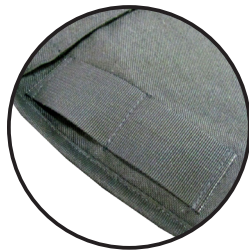
StressVest® side panels can be purchased separately and are fully integrated into the system. They register hits on the side of the body and are integrated into the hits counter once installed.



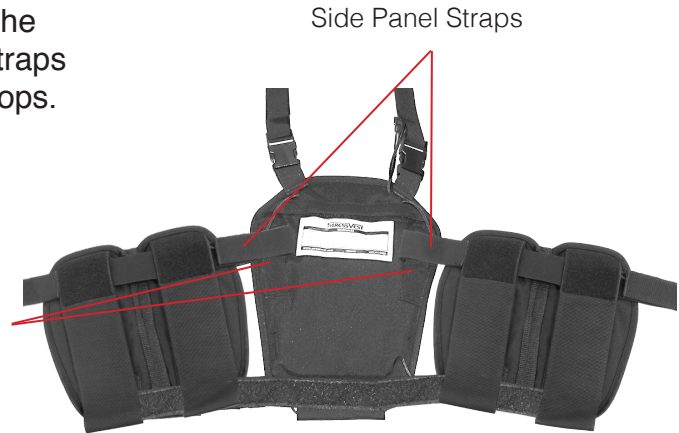
7.2.1 Assembling Side Panels

Side Panels are connected to the StressVest® Panel Vest via a cable and connector that attaches to the Cable Harness Hub found in the rear panel of the StressVest®.

1. Attach the Side Panels to the back of the Panel Vest by sliding the Side Panel straps through the Side Panel Attachment Loops.



Side Panel Attachment Loops

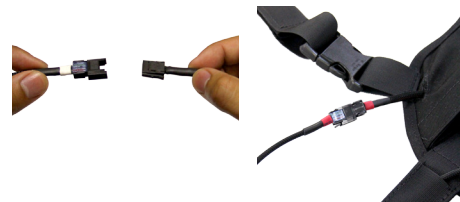


Note: The Front and Rear Panel Vest each have two Side Panel Attachment Loops. Most Individuals will use the two upper loops.

2. Open the back of the StressVest® rear panel by the velcro flap. Reach in and pull out the Cable Harness Hub. The Cable Harness Hub has a total of five leads with connectors that are color coded. It will have two connections that are plugged in, which are for the front and rear panels. You can connect the side panel connectors by matching up the appropriate colors (Green = Head, Black = Back, White = Front, Blue = Left, Red = Right).



3. Slide the Side Panel Cable and connectors through the button hole opening on the upper corners on the back of Panel Vest.
4. Holding the cable and connector from the side panels, line up the pins with the Cable Harness Hub and push down until the connector locks into place.



Note: Do NOT try to force the connectors into each other. If they are not lined up correctly you could damage the connectors.

5. Return the Cable Harness Hub into the pouch on the back of the Panel Vest and reseal the velcro opening. It should look like the picture on the right.

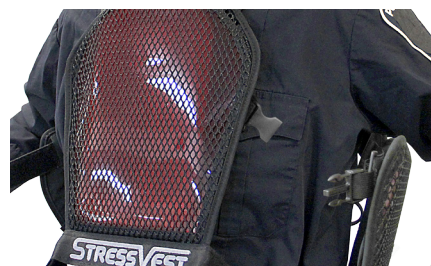


7.2.2 Putting On StressVest® with Side Panels

1. Place the Panel Vest over head.



2. Reach back and grab the Side Panel strap buckles.



3. Insert the male Side Panel buckle to the female Side Panel buckle attached on the front panel.

Note: The Front and Rear Panel Vest each have two Side Panel Attachment Loops. Most Individuals will use the two upper loops.



4. Attach the two waist buckles of the StressVest®.



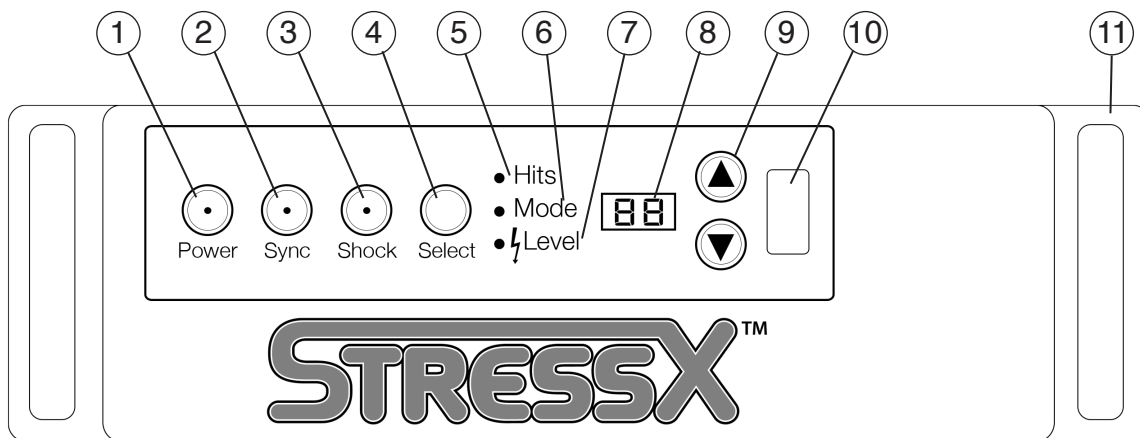
5. Adjust and secure each Individual Side Panel to the waist strap of the StressVest® by wrapping the bottom flap of each Side Panels around the waist strap.

Note: To adjust the Side Panels, reach the rear Side Panel straps that was connected to the Back Panel and adjust the velcro.



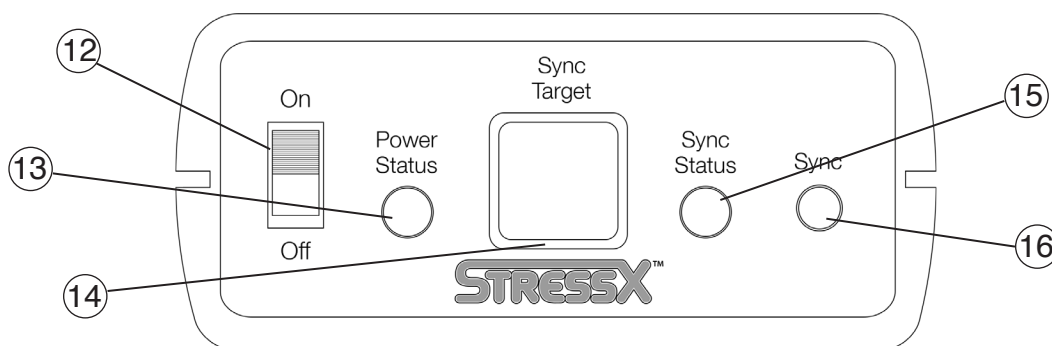
8.0 USING THE STRESSVEST® STRESSX™ PRO Belt & STRESSVEST® TRANSMITTER

8.1 StressX™ PRO Parts



- | | |
|------------------------|--------------------------|
| 1. Power On/Off Button | 7. Shock Level Indicator |
| 2. Sync Button | 8. LED Display |
| 3. Shock Button | 9. Up & Down Arrows |
| 4. Select Button | 10. Sync Window |
| 5. Hits LED Indicator | 11. Belt Strap Holders |
| 6. Mode LED Indicator | |

8.2 StressVest® Transmitter Parts



- | | |
|----------------------------------|---------------------------------|
| 12. Power On/Off Switch | 15. Sync Status Light Indicator |
| 13. Power Status Indicator Light | 16. Sync Button |
| 14. Sync Target Window | |

8.3 Turning ON the StressX™ PRO

1. Press the Power On/Off Button (1) once.
2. The Power On/Off Button (1) should illuminate red.

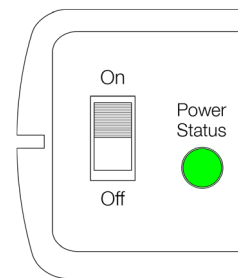


8.4 Turning OFF the StressX™ PRO

1. Press and hold the Power On/Off Button (1) for two seconds.
2. The Power On/Off Button (1) should turn off.

8.5 Turning ON the StressVest® Transmitter

1. Slide the Power On/Off Switch (12) to the On position.
2. The Power Status Indicator Light (13) should illuminate green.



8.6 Turning OFF the StressVest® Transmitter

1. Slide the Power On/Off Switch (12) to the Off position.
2. The Power Status Indicator Light (13) should turn off.

8.7 Preparing the StressX™ PRO & StressVest® Transmitter for Syncing

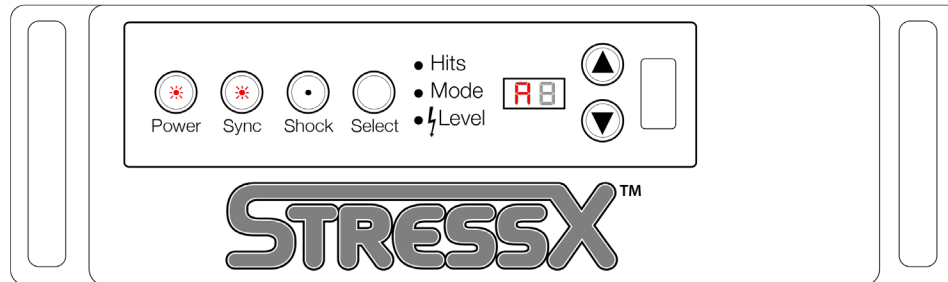
Prior to Syncing the StressX™ PRO and StressVest® Transmitter you must first ensure that both units are currently not already Synced.

Preparing the StressX™

1. Turn ON the StressX™ PRO.
2. Press the Sync Button (2) once on the StressX™ PRO. It should be flashing red indicating that the StressX™ PRO is in sync mode. The LED Display (8) should be

blank. If it is, then the StressX™ PRO is ready for Syncing.

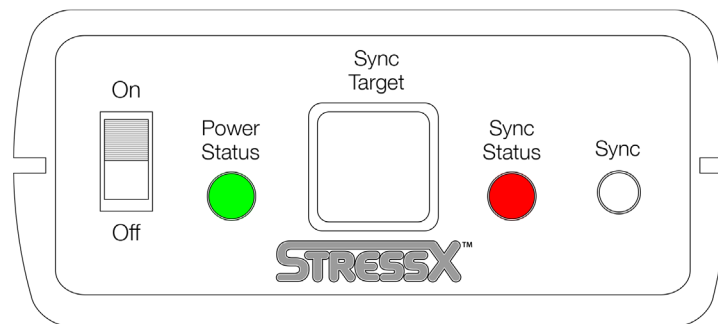
3. If the StressX™ PRO LED Display (8) is showing an “A”, that means the StressX™ PRO is currently synced to a StressVest® Transmitter and it must be Unsynced prior to syncing to a new StressVest®.



4. To unsync, press and hold the Sync (2) Button down for seven seconds until the LED Display (8) goes blank. The StressX™ PRO Belt is now ready for syncing to a new StressVest® Transmitter.

Preparing the StressVest® Transmitter

5. Turn ON the the StressVest® Transmitter.
6. Press the Sync Button (16) once on the StressVest® Transmitter. The Sync Status Light Indicator (15) should be flashing indicating that it is not currently synced to a StressX™ PRO. If the Sync Status Light Indicator (15) is solid red, then the StressVest® Transmitter is currently synced and it must be Unsynced prior to syncing to a new StressX™ PRO.



7. To unsync, press and hold the Sync Button(16) down for seven seconds until the Sync Status Indicator Light (15) is no longer solid red. The StressVest® Transmitter is now ready for Syncing.

Note: When syncing StressX™ PRO Belt to StressVest® Transmitter, you may periodically activate another StressX™ PRO Belt that is in close proximity (within 5ft) of the StressX™ PRO Belt that is flashing. In sync mode, both devices are sending out and looking for transmission codes, which will occasionally cause a hit on another StressX™ PRO Belt .

8.8 Syncing the StressX™ PRO to the StressVest® Transmitter

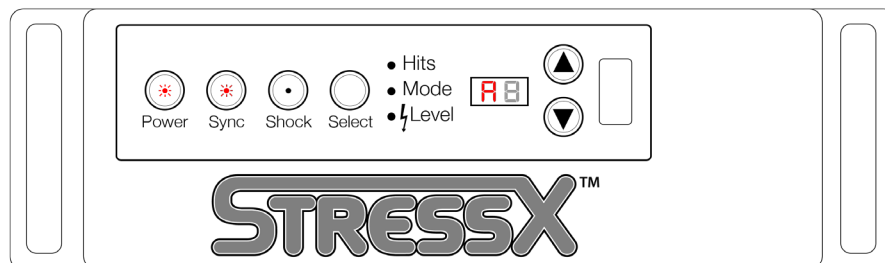
1. Turn ON the StressX™ PRO and the StressVest® Transmitter.
2. Press the Sync Button (2) once on the StressX™ PRO. It should be flashing red indicating that the StressX™ PRO is in sync mode and ready to sync. The LED Display (8) should be blank.

Note: If the LED Display (8) is showing an "A", that means the StressX™ PRO is currently synced to a StressVest® Transmitter. Go to Section 8.9 for Instructions on how to unsync as the StressX™ PRO as it must be unsynced prior to re-syncing.

3. Press the Sync Button (16) once on the StressVest® Transmitter. The Sync Status Light Indicator (15) should be flashing red indicating that the StressVest® Transmitter is in sync mode and ready to sync.

Note: If the Sync Status Indicator Light (15) is solid red, that means the StressVest® Transmitter is currently synced to a StressX™ PRO Belt. Go to Section 8.9 for Instructions on how to unsync, as the StressVest® Transmitter must be unsynced prior to re-syncing.

4. Hold the StressVest® Transmitter with the Sync Target Window (14) towards the Sync Window (10) of the StressX™ PRO. Once synced the StressX™ PRO Belt Sync Button (2) will stop flashing and turn solid red. Once synced the StressVest® Transmitter Sync Status Light Indicator (15) will also turn solid red. To verify that they are now both synced, press the Sync Button (2) on the StressX™ PRO Belt you should now see an "A" in the LED Display (8).



Note: The StressX™ PRO Belt and StressVest® Transmitter will remain synced even when you turn them off. However, once you power them up again it is recommended that you unsync and re-sync them to ensure you have the correct pairing of units.

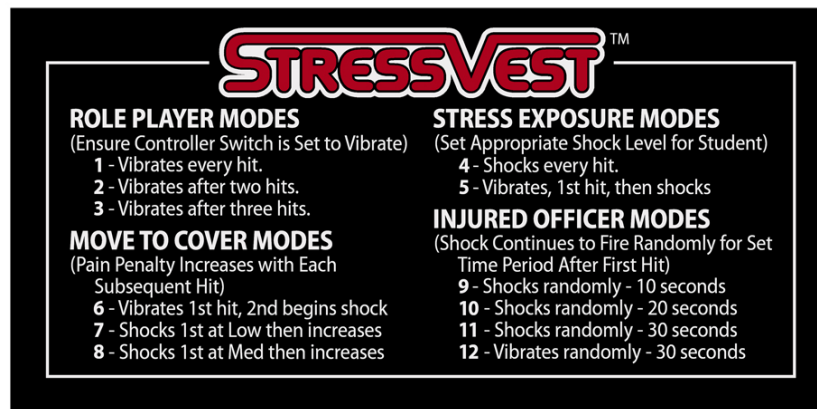
8.9 Unsyncing the StressX™ PRO Belt from the StressVest® Transmitter

To unsync the StressX™ PRO Belt, press and hold the Sync (2) Button down for seven seconds until the LED Display (8) goes blank. The StressX™ PRO Belt is now ready for syncing to a new StressVest® Transmitter.

To unsync the StressVest® Transmitter, press and hold the Sync Button(16) down for seven seconds until the Sync Status Indicator Light (15) is no longer solid red. The StressVest® Transmitter is now ready for syncing to a new StressX™ PRO Belt.

8.10 StressX™ PRO Advanced Training Modes

There are 12 different modes that the StressX™ PRO Belt can be set to and they are shown on a card inside the flap that covers the StressVest® Transmitter.



StressX™ PRO Advance Training Modes

8.11 Setting Role Player Modes - Vibration

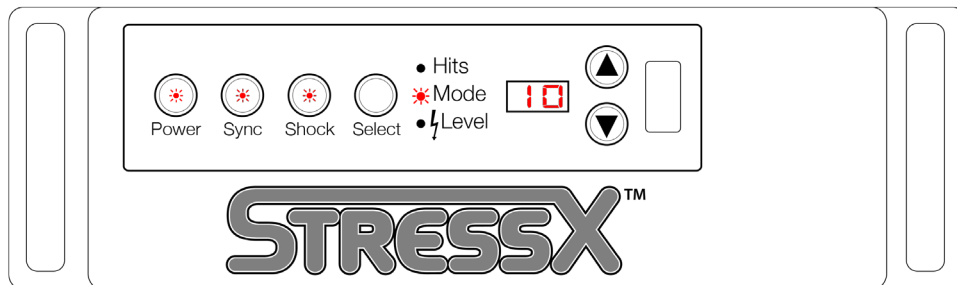
1. Press the Select Button (4) on the StressX™ PRO Belt until the Mode LED Indicator (6) is illuminated.
2. Press the Up & Down Arrows (9) to move to the desired Role Player Mode. The mode number is displayed in the LED Display (8).

MODE 1	Every hit will cause a single vibration.
MODE 2	Every two hits will cause a single vibration.
MODE 3	Every three hits will cause a single vibration.

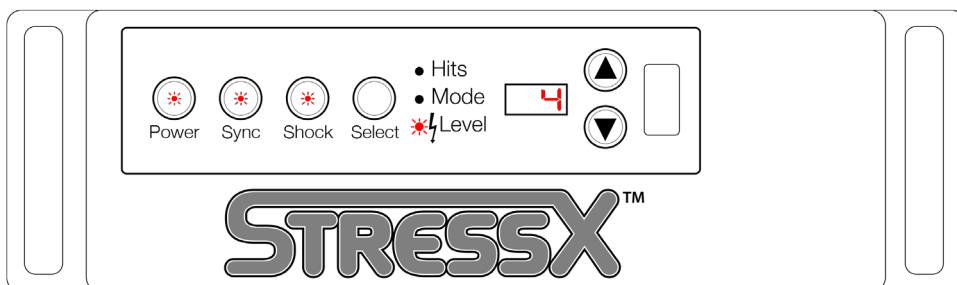
Role Player Modes Available

8.12 Setting Stress Exposure Modes

1. Press the Select Button (4) on the StressX™ PRO Belt until the Mode LED Indicator (6) is illuminated.
2. Press the Up & Down Arrows (9) to move to the desired Stress Exposure Mode. The mode number is displayed in the LED Display (8).



3. Press the Select Button (4) on the StressX™ PRO Belt until the Shock Level Indicator (7) is illuminated.



4. Press the Up & Down Arrows (9) to move to the desired setting. **1** (Lowest) - **5** (Highest). The mode number is displayed in the LED Display (8).

MODE 4	Shock will activate every time a hit is registered.
MODE 5	Vibration will occur for first hit registered, then shock for every hit afterwards.

Stress Exposure Modes Available

8.13 Setting Move to Cover Modes

1. Press the Select Button (4) on the StressX™ PRO Belt until the Mode LED Indicator (6) is illuminated.
2. Press the Up & Down Arrows (9) to move to the desired Move to Cover Mode. The mode number is displayed in the LED Display (8).

MODE 6	First hit will vibrate, second hit will shock and any further hits will continue to increase in pain penalty.
MODE 7	First hit will shock at Low Setting then any further hit will continue to increase in pain penalty.
MODE 8	First hit will shock at Medium Setting then any further hits will continue to increase in pain penalty.

Move to Cover Modes Available

8.14 Setting Injured Officer Modes

1. Press the Select Button (4) on the StressX™ PRO Belt until the Mode LED Indicator (6) is illuminated.
2. Press the Up & Down Arrows (9) to move to the desired Injured Officer Mode. The mode number is displayed in the LED Display (8).

MODE 9	First hit will shock and then the controller will continue to deliver shocks randomly for 10 seconds.
MODE 10	First hit will shock and then the controller will continue to deliver shocks randomly for 20 seconds.
MODE 11	First hit will shock and then the controller will continue to deliver shocks randomly for 30 seconds.
MODE 12	First hit will vibrate and then the controller will continue to vibrate randomly for 30 seconds.

Injured Officer Modes Available

9.0 READING HITS

The StressVest® StressX™ PRO Belt will record hits to the front and rear of the panel vest. It will also record hits to the optional head sensors and side panels.

9.1 Reading Hits

Press the Select Button (4) on the StressX™ PRO Belt until the Hits LED Indicator (5) is illuminated.

9.2 Resetting Hits to Zero

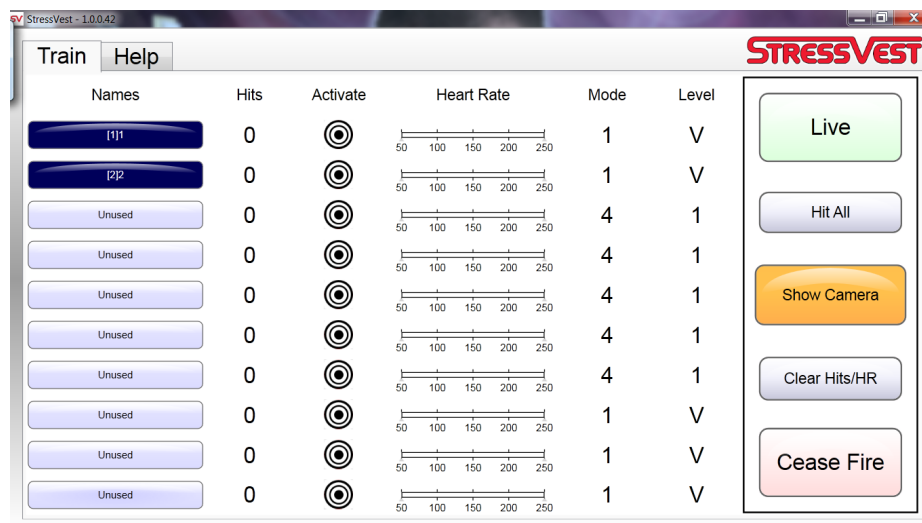
To automatically reset the number of hits to zero, press and hold down the Up & Down Arrows (9) until the LED Display (8) is cleared.



IMPORTANT! When the counter reaches 99 on the StressX™ PRO Belt it will not vibrate/shock anymore. If you are not using the StressVest® CQT Instructor Tablet, it needs to be reset to zero.

Resetting Hits Count With Optional StressVest® CQT Instructor Tablet

1. If using the StressVest® CQT Instructor Tablet, the hits will automatically reset to zero when you press the Live button to start a new scenario.



CQT Tablet Screenshot

2. If using the StressVest® CQT Instructor Tablet, you can also press the Clear Hits/HR button while in Cease Fire mode. However, this will ONLY reset the Hits Counter on the Tablet.

10.0 CLEANING AND MAINTENANCE

The StressVest® system is designed to be relatively maintenance free. Other than charging the battery, little ongoing maintenance is required. However, it is recommended that the outer carrier be cleaned and sanitized periodically.

10.1 Power Supply & Battery Charging

The StressVest® Transmitter and StressX™ PRO Belt are powered by a 3.7 volt rechargeable battery that should last for approximately eight hours before needing recharging. Battery life may vary depending on usage.



Both the StressVest® Transmitter's Power Status Indicator Light (13) and the StressX™ PRO Belt's Power On/Off Button (1) will flash red when the battery is low or when you are charging the battery. Once battery is fully charged these light's will turn solid red.

10.2 Cleaning the StressVest®

Note: When cleaning the StressVest® system, ensure that you NEVER submerge the electronics in water.

StressVest® Components - Disassembling



StressVest®



StressVest® Disassembled

The StressVest® can be easily disassembled into the following components:

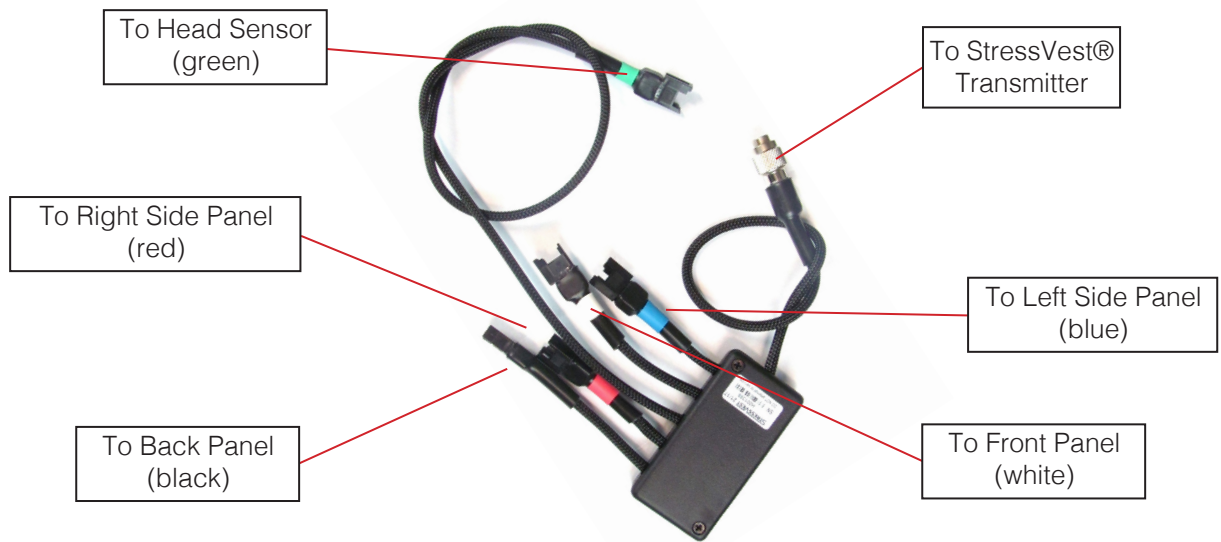
- A** - Front & Back Sensor Panels (contains electronics & diffuser)
- B** - Cable Harness Hub (connects to Front / Back / Side Panels / Head Sensor)
- C** - Outer Carrier
- D** - Protective Red Filter Shield (Front & Back)

Cable Harness Hub, Connectors, and Sensor Panels

Open the back of the StressVest® rear panel by the velcro flap. Reach in and pull out the Cable Harness Hub (B). You will see that all the panels have a cable coming out of them and are then connected via a connector to the Cable Harness Hub (B) that is located in the back panel.

Back Panel of StressVest®
Cable Harness Hub





Cable Harness Hub from Back of Vest

Washing the StressVest® Outer Carrier

To disassemble the StressVest® and prepare the Outer Carrier for cleaning:

1. Remove the StressVest® Transmitter by disconnecting the connector.



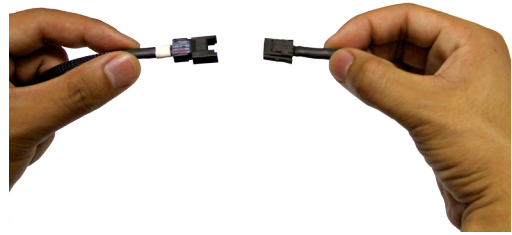
2. Push the connector inside the Outer Carrier (C) so it is no longer hanging outside the back panel section.



3. Open both the front and back (and side panels if applicable) sections of the Outer Carrier (C) by undoing the velcro flap across the middle on the inside of the Outer Carrier (C). Pull the Sensor Panels (A) out gently.



4. You will notice that all the Sensor Panels (A) have a cable coming out of them and are then connected via a connector to the Cable Harness Hub (B) that is located in the back panel. Carefully disconnect all the cables from the Cable Harness Hub (B) by pressing down on the connector tab and gently pulling apart.



5. Once disconnected, remove these connector wires from inside of carrier by carefully threading them through the Outer Carrier (C) shoulder strap.



6. The Front & Back Sensor Panels (A) and Cable Harness Hub (B) should now be completely disconnected from the Outer Carrier (C).



7. Remove the Protective Red Filter Shield (D) from the inside of the Outer Carrier (C) for both the front and back.



8. Your StressVest® is now completely disassembled and should look like the picture on the left.



9. The fabric carrier is now ready for cleaning. See below for recommended cleaning and sanitizing instructions.



Outer Carrier Cleaning

Note: When cleaning the StressVest® system, ensure that no electronics are submerged under water at any time.

1. Using a clean container, wash the Outer Carrier (C) in a solution of two (2) parts detergent (mild dish-hand washing liquid or equivalent) to one hundred (100) parts of water, at a temperature of (35°C/ 95°F). Agitate the Outer Carrier (C) for one (1) minute by hand. Remove the Outer Carrier (C) from the solution and drain water from it thoroughly.
2. Rinse the Outer Carrier (C) thoroughly with fresh clean water and drain water from it thoroughly.

Disinfect the StressVest® Outer Carrier

3. Using a clean container, disinfect the Outer Carrier (C) in a solution of two (2) parts Dettol Antiseptic Disinfectant (liquid), DIN 373 435 (Chloroxylenol solution, kills germs or equivalent) to one hundred (100) parts of water, at a temperature of (35°C/ 95°F). Agitate the Outer Carrier for thirty (30) seconds by hand. Remove the Outer Carrier (C) from the solution and drain solution from it thoroughly.
4. Rinse the Outer Carrier (C) thoroughly with fresh and clean water and drain water from the inside and outside of Outer Carrier (C).

Drying

5. Using a clean cloth, wipe the inside of the Outer Carrier (C). Make sure there is no excess moisture.
6. Allow the Outer Carrier (C) to dry prior to reassembling the Front & Back Sensor Panels (A), Cable Harness, and Protective Red Filter Shield (D).

Note: Do not wash or dry the Outer Carrier in the washing machine or spin dryer.

Shocker / Vibrator Cleaning



StressX™ PRO Belt's back

1. Ensure the StressX™ PRO Belt is turned off. Power On/Off Button (1) should not be illuminated.
2. Use a cleaning wipe that has no more than 70% alcohol by volume to wipe clean the back of the StressX™ PRO Belt including the six Electrodes.
3. Allow to sit and dry for approximately 5 minutes to ensure all alcohol has evaporated.



Note: *DO NOT* touch the electrodes with your hands or fingers.

11.0 TROUBLE SHOOTING STRESSVEST® SYSTEM

StressX™ PRO Belt Is Not Delivering Shock

1. Ensure BOTH the StressVest® Transmitter and StressX™ PRO Belt have been turned on. The Power On/Off Button (1) on the StressX™ should be solid red, and the Power Status Button (13) of the StressVest® Transmitter should be solid green.
2. Check to be sure the battery is still charged in BOTH the StressVest® Transmitter and StressX™ PRO Belt. If the Power On/Off Button (1) on the StressX™ PRO or the Power Status Button (13) will not turn on or is flashing red it needs to be charged.
3. Check the Panel Vest connector to ensure it is properly attached to the StressVest® Transmitter. Try disconnecting and connecting it again to ensure proper connection.
4. Check to be sure the StressX™ PRO Belt is properly synced to the StressVest® Transmitter. Press the Sync Button (2). You should see an “A” in the LED Display (8). If you do and it is still not working, try unsyncing and then re-syncing the StressX™ PRO Belt and StressVest® Transmitter (see Section 8.9).
5. Ensure you are in the right Mode. Check your Mode by pressing the Select Button (4) until the Mode LED Indicator (6) is illuminated. Check the LED Display (8) to ensure that the proper mode has been selected. Modes 1, 2, 3 and 12 will vibrate only.
6. Ensure that the StressX™ PRO Belt is tight. Adjust the straps to increase tension if required.
7. Ensure that the student does not have excessive clothing under the StressX™ PRO Belt. Anything greater than one layer may not allow the shock to penetrate to the skin.
8. Adjust the Shock Level to a higher setting to ensure it is not a physiological resistance to voltage. To do so, press the Select Button (4) until the Shock Level Indicator (7) is illuminated and using the Up & Down Arrows (9) increase the level.
9. If the StressX™ PRO Belt still does not deliver a shock, please contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.

StressX™ PRO Belt Is Not Vibrating

1. Be sure BOTH the StressVest® Transmitter and StressX™ PRO Belt have been turned on. The Power On/Off Button (1) on the StressX™ PRO Belt should be solid red, and the Power Status Button (13) of the StressVest® Transmitter should be solid green.
2. Check to ensure the battery is still charged in BOTH the StressVest® Transmitter

and StressX™ PRO Belt. If the Power On/Off Button (1) on the StressX™ PRO Belt or the Power Status Button (13) will not turn on or is flashing red it needs to be charged.

3. Check the Panel Vest connector to ensure it is properly attached to the StressVest® Transmitter. Try disconnecting and connecting it again to ensure proper connection.
4. Check to ensure the StressX™ PRO Belt is properly synced to the StressVest® Transmitter. Press the Sync Button (2). You should see an “A” in the LED Display (8). If you do and it is still not working, try unsyncing and then re-syncing the StressX™ PRO Belt and StressVest® Transmitter (see Section 8.9).
5. Ensure you are in the right Mode. Check your Mode by pressing the Select Button (4) until the Mode LED Indicator (6) is illuminated. Check the LED Display (8) to ensure that the proper mode has been selected. Modes 1, 2, 3 and 12 will vibrate.
6. Ensure that the StressX™ PRO Belt is tight. Adjust the straps to increase tension if required.
7. If the StressX™ PRO Belt still does not deliver a vibration, please contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.

StressVest® System Will Not Power On

1. Check to be sure the battery is still charged in BOTH the StressVest® Transmitter and StressX™ PRO Belt. If the Power On/Off Button (1) on the StressX™ PRO belt or the Power Status Button (13) will not turn on or is flashing red it needs to be charged.
2. If it will still not Power ON, please contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.

Shock Is Extremely Weak

1. Adjust the Shock Level to a higher setting to ensure it is not a physiological resistance to voltage. To do so, press the Select Button (4) until the Shock Level Indicator (7) is illuminated and using the Up & Down Arrows (9) increase the level.
2. Charge StressX™ PRO Belt battery.
3. Verify that the student only has one layer of clothing between StressX™ PRO Belt and their skin **AND** that they are not wearing under armour type of clothing as that will substantially reduce the amount of energy delivered to the student.
4. If shock is still weak, please contact StressVest® Inc at 1-866-353-5055 or email info@stressvest.com.

Shock Is Extremely High

1. Adjust the Shock Level to a lower setting to ensure it is not a physiological aversion to voltage. To do so, press the Select Button (4) until the Shock Level Indicator (7) is illuminated and using the Up & Down Arrows (9) decrease the level.
2. If shock remains high after selecting a lower setting, DO NOT continue to use the StressVest® and immediately contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.

StressVest® Does Not Seem To Be Registering Hits

1. Be sure BOTH the StressVest® Transmitter and StressX™ PRO Belt have been turned on. The Power On/Off Button (1) on the StressX™ should be solid red, and the Power Status Button (13) of the StressVest® Transmitter should be solid green.
2. Check the Panel Vest connector to ensure it is properly attached to the StressVest® Transmitter. Try disconnecting and connecting it again to ensure proper connection.
3. Check to be sure the StressX™ PRO Belt is properly synced to the StressVest® Transmitter. Press the Sync Button (2). You should see an “A” in the LED Display (8). If you do and it is still not working, try unsyncing and then re-syncing the StressX™ PRO Belt and StressVest® Transmitter (see Section 8.9).
4. Ensure the Hits counter on the StressX™ PRO Belt is not at 99. If it is, the StressX™ PRO Belt will no longer register the hit or deliver a shock or vibration. Press both the Up & Down Arrows (9), which will reset it to zero.
5. Ensure that the proper mode is selected. Remember that Mode 2 and 3 require more than one hit to activate the StressVest®.
6. Ensure that the shot placement is delivered to the center of the Panel Vest and that all laser weapon have been properly sighted in.

StressVest® Transmitter & StressX™ PRO Belt Do Not Sync Properly

1. Ensure BOTH the StressVest® Transmitter and StressX™ PRO Belt have been turned on. The Power On/Off Button (1) on the StressX™ PRO Belt should be solid red, and the Power Status Button (13) of the StressVest® Transmitter should be solid green.
2. Check to be sure the StressX™ PRO Belt is properly synced to the StressVest® Transmitter. Press the Sync Button (2). You should see an “A” in the LED Display (8). If you do and it is still not working, try unsyncing and then re-syncing the StressX™ PRO Belt and StressVest® Transmitter (see Section 8.9).
3. Check the Panel Vest connector to ensure it is properly attached to the StressVest® Transmitter. Try disconnecting and connecting it again to ensure proper connection.

4. Ensure you are in the right Mode. Check your Mode by pressing the Select Button (4) until the Mode LED Indicator (6) is illuminated. Check the LED Display (8) to ensure that the proper mode has been selected. Modes 1, 2, 3 and 12 will vibrate. Remember that Mode 2 and 3 require more than one hit to activate the StressVest®.
5. Check the environment you are in for potential RF jamming/interference. These may include cellphones, radio, etc.
6. If the StressX™ PRO Belt and StressVest® Transmitter still do not sync, please contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.

StressX™ PRO Belt Does Not Deliver Vibration or Pain Penalty After Extended Use (Counter at 99 Hits)

1. When the counter reaches 99 on the StressX™ PRO Belt it will not vibrate/shock anymore. Press both the Up & Down Arrows (9), which will reset it to zero. The Hits will now be reset to zero and the StressX™ PRO Belt will now function.

StressX™ PRO Belt Activates Indoors Without StressVest® Being Shot By Laser

1. In rare circumstances some fluorescent light fixtures and bulb combinations will elicit high ir frequencies that will cause a trigger on the StressVest®. To test whether this is the case, power On both the StressX™ PRO Belt (on vibrate) and StressVest® Transmitter and hold the StressVest® Panel Vest Receiver (either front or back) up to the light. If the StressX™ PRO Belt triggers then you know it is the light that is causing the vest to activate. This is extremely rare, and will require Instructors to turn off problem lights or change training location.
2. When syncing individual StressX™ PRO Belts (Sync Mode flashing red) to StressVest® Transmitters you may experience a trigger on any StressX™ PRO Belt within a 3 to 5 foot radius of the “syncing” one. Once you press the Sync Button (2) again so it is no longer flashing these triggers will not occur. Always sync one vest at a time to avoid these.
3. If you power up a synced StressX™ PRO Belt and StressVest® Transmitter that has not been connected to the hub, once you plug in the Transmitter to the Panel Vest connector you will always get a syncing trigger upon connecting the two. To avoid this do not power up the units prior to connecting the Panel Vest connector to the StressVest® Transmitter.
4. In rare circumstances, certain RF or EMF may activate the StressVest® such as certain cellphones or radios. Check your environment and remove any potential RF or EMF emitting devices.

StressVest® Activates Shooter's StressX™ When Shooting Through Windows

1. When shooting through windows or at mirrors/pictures, your own StressVest® will activate IF you are on target. This is because the laser emitted by your training weapon WILL reflect off glass/mirrors. To avoid this, where possible, cover up mirrors/pictures with dark paper or cloth.

Note: *Never attempt to service any part of the StressVest® system. Contact Setcan Corporation at 1-866-353-5055 or email info@stressvest.com.*

12.0 STRESSVEST® 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 Training Vest including Controller with Shock/Vibrator device, and Accessory Items. Accessory Items include but are not limited to the carrying case.
- Except as otherwise provided herein, StressVest® Inc warrants that the Training Vest including Controller with Shock/Vibrator device 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®, Controller with Shock/Vibrator device: 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® Inc 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 Controller with Shock/Vibrator Device and/or accompanying 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