



# **COT INSTRUCTOR TABLET** *OPERATING MANUAL*

Before using the CQT Instructor Tablet, please read this manual thoroughly and retain it for future reference.

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# **1.0 WARNINGS, CAUTION, AND RISKS**

### WARNING: MUST READ!

ALL PURCHASERS AND USERS OF STRESSVEST® ELECTRICAL DISCHARGE DEVICES <u>MUST</u> 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<sup>®</sup> product as a tool to assist in training other individuals <u>MUST</u> ensure all students read and understand warnings, cautions and risks associated with StressVest<sup>®</sup>.

- 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 StressVest® Inc. 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 StressVest® Inc. 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.
- 4. I acknowledge that the use of any StressVest product is acknowledgement of agreeing to all the conditions listed in the liability release and agreement not to sue.

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® Instructor Tablet.
- 2. Do NOT submerse in or expose the StressVest® Instructor Tablet to water.
- 3. Do NOT attempt to service the StressVest® Instructor Tablet electronics. All servicing should be referred to StressVest® Inc. at:

### Toll Free: 1-866-353-5055 or Email: info@stressvest.com

- 4. 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® Instructor Tablet. Doing so is dangerous and will void the warranty.
- 5. The StressVest® Instructor Tablet is designed to be used at room temperatures between (40°F to 85°F). Do NOT use in extreme high or extreme low temperatures.
- 6. Do NOT store near flammable material.
- 7. ANY INDIVIDUAL utilizing any StressVest product must read, understand and agree to the WARNING, CAUTION AND RISKS associated with StressVest products prior to use. (Page 3 of this manual.)
- 8. ANY INDIVIDUAL utilizing any StressVest product must read, understand and agree to the LIABILITY RELEASE AND AGREEMENT NOT TO SUE prior to using any StressVest products. (Page 5 of this manual.)

# 4.0 STRESSVEST CQT INSTRUCTOR TABLET PARTS & FEATURES



# 4.1 StressVest® CQT Instructor Tablet Lockable Storage Case



Inside - StressVest® Lockable Storage Case

The StressVest® Lockable Storage Case allows for safe, clean and quick storage of your StressVest® CQT Instructor Tablet. 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:

- StressVest® CQT Instructor Tablet with Grip Holder
- Charger & Operating Instructions
- Polar® Heart Rate Monitors (includes 2 additional Heart Rate Monitors available for purchase)

## 4.2 StressVest® CQT Instructor Tablet Hand Grip Holder & Safety Strap

The StressVest® Instructor Tablet Hand Grip Holder is made of metal and a rugged polycarbonate pistol grip holder that houses the electronics. On the backside of the pistol grip is the IR Syncing Window used for syncing the Tablet to the StressX<sup>™</sup> belts. It also comes with a Safety Strap that can be secured around the wrist of the Instructor to avoid accidental dropping of the tablet.



**NOTE:** The USB Cable connects the StressVest® Instructor Tablet to the software electronics housed in the pistol grip.

# 4.3 Charging the StressVest® CQT Instructor Tablet

The StressVest® Instructor Tablet is charged exclusively by the power adaptor that comes with the Microsoft Surface Pro computer tablet. All the electronics within the StressVest® Instructor Tablet Hand Grip Holder are powered through the USB Cable.



## To Charge your Tablet:

- 1. Plug the charger into a standard wall power outlet. (120 Volts, 60 Hz)
- 2. Plug the charger extension into the charger input located on the left side of the tablet.
- 3. Unplug when the tablet indicates it is fully charged.

# **5.0 OPERATING THE STRESSVEST® CQT INSTRUCTOR TABLET SOFTWARE**

\* Refer to the Microsoft Surface Pro Tablet operating instructions for basic operating instructions for the tablet or Windows operating system.

### 5.1 Opening the Stressvest® Software

Using the touch screen, press the **StressVest® Icon SV** on the desktop or activate it through the "Programs" button on the menu screen to bring up the home screen.



### 5.2 Home Screen Overview

### MONITOR STUDENTS HEART RATES

Along with real time readings, the monitor records the highest and lowest recorded heart rate of the student. Heart rate is an excellent indicator of stress in most individuals.

### **HITS COLUMN**

Allows Instructor to verify number of hits to each StressVest®.

### NAMES COLUMN

Displays Student name and/or badge number. Displays Role Players in blue and Students and gray.

### REMOTE StressVest® ACTIVATIION

Activate any single StressVest® or "Hit All".

### **MODE & LEVEL COLUMN**

A different Mode and Shock Level can be set for each StressVest®. This allows for varied pain penalties for Students and Vibration for Role Players. The mode column indicates what mode has been selected for each Student or Role Player.

### LIVE ACTIVATION BUTTON

When pressed by the Instructor will enable all StressVest®'s synced to the tablet.



### CEASE FIRE BUTTON

When pressed by the Instructor will render all StressVest®'s synced to the tablet Inert.

### RECORD SCENARIO

High Definition Video Camera for recording and playback of scenarios.

## 5.3 Syncing StressVest®'s to the CQT Instructor Tablet

In order to utilize the CQT Instructor Tablet with each StressX<sup>™</sup> Belt/StressVest<sup>®</sup>, they must first be synced together to allow them to communicate with each other. Up to 10 StressVest<sup>®</sup>'s can be synced to the CQT Instructor Tablet.

# STEPS TO SYNC EACH STUDENT/ROLE PLAYER STRESSX<sup>™</sup> BELT TO THE CQT INSTRUCTOR TABLET:

### 5.3.1 Accessing Student Setup Screen

On the Train page, select an Individual by pressing on any of the 10 spaces under the Names column.

•			Stre	ssVest - 2.0.0.10						_ 8 ×
Train Manual										<b>STRESSVEST</b>
Names				ł	leart Rat	e		Mode	Level	
[1] Student01	PRE	<b>SS</b>		100	150	200	250	1	V	Live
[2] Student02		0	50	100	150	200	250	1	V	Live
[3] Student03	)	0	50	100	150	200	250	1	۷	
[4] Student04	)	0	50	100	150	200	250	1	V	Hit All
[5] Student05		0	50	100	150	200	250	1	V	
[6] Student06	)	0	50	100	150	200	250	1	V	
[7] Student07	)	0	50	100	150	200	250	1	V	Show Camera
[8] Student08	)	0	50	100	150	200	250	1	V	
[9] Student09		0	50	100	150	200	250	1	V	Cease Fire
[10] Student10	)	0	50	100	150	200	250	1	V	

### 5.3.2 Enter Students / Role Player Names & Belt Numbers

Once one of the Names buttons has been pressed, the Participant Set Up Screen will appear. Enter the Student's Name by selecting the empty field under names. Press the keyboard icon on the taskbar, and an On Screen Keyboard will pops up.

					<b>STRESSVEST</b>
Names	Activate	Hits	Heart Rate	Mode Level	
[1] Studenti Nai	ne: ident01	PRESS	Participant Type * Role Player		Live
[3] Studenti 1	:		<sup>O</sup> Trainee		
(J) Student	al Number:		Training Mode		
[4] Studenti	tware Version		1	$\mathbf{b}$	Hit All
[5] Student(			Vibrates eve	ery hit	
[6] Student			Shock Level		Show Comera
[7] Student(			• v	$\mathbf{b}$	Show camera
[8] Student					
[9] Student	Sync	c Clear Data	Done		Cease Fire
[10] Student10		0 50	100 150 200	250 1 V	
rain Manual					
i i i ci i ci ci ci ci ci		Sbes	Nett - 200.10		STRESSVEST
Names	Activate	stee Hits	West - 200.10 Heart Rate	Mode Level	STRESSVEST
Names	Activate	stres Hits	Heart Rate	Mode Level	STRESSVEST
Names [1] Student( Names [2] Student( S	Activate ne: ident01	sites	Heart Rate Participant Type Role Player Topics	Mode Level	STRESSVEST
Names [1] Studenti [2] Studenti [3] Studenti [1]	Activate ne: ident01	seen Hits	Heart Rate Participant Type Role Player Trainee Trainee	Mode Level	STRESSVEST
Names       [1] Studenti       [2] Studenti       [3] Studenti       [4] Studenti	Activate ne: udent01 :: al Number:	e Hits	Heart Rate Participant Type * Role Player • Trainee Training Mode	Mode Level	STRESSVEST Live
Names       [1] Studenti       [2] Studenti       [3] Studenti       [4] Studenti	Activate me: ident01 :: ial Number: tware Version:	e Hits	Heart Rate Participant Type * Role Player O Trainee Training Mode 1	Mode Level	STRESSVEST Live
Names [1] Studenti [2] Studenti [3] Studenti [4] Studenti [5] Studenti	Activate	• Hits	Heart Rate Participant Type * Role Player • Trainee Training Mode 1	Mode Level	STRESSVEST Live Hit All
Names       [1] Studenti       [2] Studenti       [3] Studenti       [4] Studenti       [5] Studenti       [6] W	Activate ne: ident01 :: al Number: tware Version: e r	t y	Heart Rate Participant Type * Role Player Trainee Training Mode 1 U i	o p	STRESSVEST Live Hit All
Names       [1] Studenti       [2] Studenti       [3] Studenti       [4] Studenti       [5] Studenti       [6] Studenti       [6] Studenti	Activate ne: ident01 :: ial Number: tware Version: e r d f	t y	Heart Rate Participant Type * Role Player Trainee Training Mode 1 u i j k	o p	STRESSVEST Live Hit All Enter
Names       [1] Studenti       [2] Studenti       [3] Studenti       [4] Studenti       [5] Studenti       [6]       [7]       [8]       [9]       [1]       [1]       [2]       [3]       [4]       [5]       [6]       [7]       [8]       [9]       [9]       [1]       [2]       [2]       [2]       [3]       [4]       [5]       [6]       [7]       [8]       [8]       [9] <t< td=""><td>Activate ne: ident01 :: ial Number: tware Version: e r d f x c</td><td>t y y v b</td><td>Heart Rate Participant Type Role Player Training Mode Training Mode U I K I K I N N M N M M M M M M M M M M M M M M M</td><td>Mode         Level           •         •           •         •           •         •           •         •           •         •</td><td>STRESSVEST Live Hit All Enter ?</td></t<>	Activate ne: ident01 :: ial Number: tware Version: e r d f x c	t y y v b	Heart Rate Participant Type Role Player Training Mode Training Mode U I K I K I N N M N M M M M M M M M M M M M M M M	Mode         Level           •         •           •         •           •         •           •         •           •         •	STRESSVEST Live Hit All Enter ?

Use the keyboard to enter the Student or Role Players name. Once finished, click the "**x**" in the upper right corner to close the keyboard. Repeat the same process for entering the StressX<sup>™</sup> Belt number. The StressX<sup>™</sup> Belt number is not the Serial Number, it is an arbitrary number given to each StressX<sup>™</sup> belt by the Instructor to allow for easier tracking. Usually the instructor will number the belts from 1 to 10 as per the number stickers on the StressX<sup>™</sup> Belt .



Select either Role Player or Trainee by pressing the appropriate bullet beside the desired type.

Role Player - Will vibrate only and prevent access to shock modes.

Trainee - Accesses all shock modes.

### 5.3.4 Enter Desired Training Mode

Use the forward and backwards arrows to select the desired training mode. Each number corresponds with a specific training mode.



**NOTE:** When Role Player type is selected, only modes 1 to 3 will be available. When Trainee type is selected only modes 4 to 12 will be available.

# MODES AND DESCRIPTION

MODE NUMBER	MODE DESCRIPTION
ROLE PLAYER MODES	
1	Vibrates every hit
2	Vibrates after two hits
3	Vibrates after three hits
STRESS EXPOSURE MODES	
4	Shocks every hit at the set shock level.
5	Vibrates first hit, then shocks each hit afterwards at the set shock level.
MOVE TO COVER MODES	
6	Vibrates first hit, then shocks each hit afterwards. First shock at lowest level, then shock level increases with each subsequent hit until maximum is reached.
7	First shock at lowest level, then shock level increases with each subsequent hit until maximum is reached.
8	First shock at medium level, then shock level increases with each subsequent hit until maximum is reached.
INJURED OFFICER MODES	
9	After hit, will deliver random shocks at the set shock level over the period of 10 seconds.
10	After hit, will deliver random shocks at the set shock level over the period of 20 seconds.
11	After hit, will deliver random shocks at the set shock level over the period of 30 seconds.
12	After hit, will deliver random vibration for a period of 30 seconds.

### 5.3.5 Select Desired Shock Level

Use the forward and backwards arrows to select the desired Shock Level.



### 5.3.6 Sync the CQT Instructor Tablet with Student or Role Player StressX<sup>™</sup> Belt

**Note:** You need to be in the Student Set Up Screen to sync or unsync any StressX<sup>™</sup> Belt. to/from the CQT Instructor Tablet.



- 1. Turn StressX<sup>™</sup> Belt ON
- 2. Press the **Sync** button once on the StressX<sup>™</sup> belt. It should be flashing red.

**Note:** If you see an "A" or "H", It means it is already synced (A = synced to StressX<sup>TM</sup>, H = synced to Tablet). You must Unsync it first before proceeding. For StressX<sup>TM</sup> Belt, hold down the sync button for seven seconds until "A" disappears. For Tablet, press unsync and face Ir window towards StressX<sup>TM</sup> Belt while sync light is flashing red. Your Tablet in now unsynced.

3. Hold the Hand Grip Handle of the Tablet, ensuring the round red IR window on the back of the grip is facing the front of the StressX<sup>™</sup> belt.



Face Ir sync window on Hand Grip Handle towards StressX<sup>™</sup> Belt Ir sync window

4. Press the Sync button on the tablet. Once successfully synced the Serial Number and the Software Version of the StressX<sup>™</sup> Belt will automatically appear on the Tablet Screen and the Sync button on the StressX<sup>™</sup> Belt will stop flashing and return to solid red.



Successful Sync Displays Serial Number and Software Version

**NOTE:** If the belt does not Sync try the following:

- 1. Be sure the USB connector from the StressVest® Instructor Tablet Hand Grip Holder is plugged into the tablet. If not, exit out of the software, plug in the USB cord and then restart the software and try Sync process again.
- 2. If the Syncing process still will not work, then reboot the tablet, turn the StressX<sup>™</sup> off and on, and try again.
- 3. If the Syncing process still does not work Unsync the StressX<sup>™</sup> belt by holding down the sync button on the StressX<sup>™</sup> for seven seconds until the LED display screen goes blank and try again. This will clear the StressX<sup>™</sup> belt sync history but the Tablet sync history will remain.

To clear the sync history (unsync) and StressX<sup>™</sup> belt from the Student set up screen, you must have sync button flashing on any StressX<sup>™</sup> and press Unsync on the Tablet. This will clear any sync belt history from the Tablet.

4. If the syncing process still does not work, ensure StressX<sup>™</sup> belt is not already synced to the Tablet under another Student/Trainee. <u>You cannot have the same StressX<sup>™</sup> belt synced twice.</u>

# 5. Press **Done** to return to the Train screen. Your StressX<sup>™</sup> Belt is now connected to the Instructor Tablet.

**Note:** The devices will remain synced even when turned off. However, you may periodically have to re-sync them.

•			Stre	ssVest - 2.0.0.10						- 6 ×
Train Manual										<b>STRESSVEST</b>
Names	Activate	Hits		H	leart Rat	e		Mode	Level	
[1] Student01	۲	0	50	100	150	200	250	1	v	Characteristics
[2] Student02		0	50		150		250	1	V	LIVE
[3] Student03		0	50				250	1	V	
[4] Student04		0	50				250	1	V	Hit All
[5] Student05		0	50					1	V	
[6] Student06		0	50		, 150		250	1	V	
[7] Student07		0	50				250	1	V	Show Camera
[8] Student08		0	1	100				1	V	
[9] Student09		0	50				250	t	V	<b>Cease Fire</b>
[10] Student10		0	50	100	150		250	1	V	

**NOTE:** Once Synced with the Instructor Tablet, the StressX<sup>™</sup> belt control settings will be locked. That means you will only be able to change the settings on this StressX<sup>™</sup> belt from the Tablet. You can verify if the StressX<sup>™</sup> belt is synced by pressing Sync on the StressX<sup>™</sup>. The Sync light will flash and If an "H" appears on the StressX<sup>™</sup> screen it is currently synced to the Instructor Tablet. You should also see an "A" next to the "H" if the StressX<sup>™</sup> has been previously synced to a StressVest® Adaptor. Press the button again to exit the Sync mode on the StressX<sup>™</sup> belt. If you want to clear the synced Tablet or Transmitter from the StressX<sup>™</sup> digital display will now be blank.



Successfully Synced StressX™ Belt displaying an "H"

7. Continue entering Students / Role Players information and Syncing their StressX<sup>™</sup> belts for all remaining Students / Role Players.



**NOTE:** Pressing Clear Entry will clear both the Name and the belt fields.

			Ster	in/ent - 200.10						- 8 ×
Train Manual										<b>STRESSVEST</b>
Names	Activate	Hits		ł	Heart Rat	e		Mode	Level	
[1] Student01	۲	0	50	100	150	200	250	1	V	Lines
[2] Student02		0	50					1	V	LIVE
[3] Student03		0	50	100				1	V	
[4] Student04		0	50					1	V	Hit All
[5] Student05		0	50					1	V	
[6] Student06		0	50				250	1	V	
[7] Student07		0	50					1	V	Show Camera
[8] Student08		0	50					1	V	
[9] Student09		0	50					1	V	<b>Cease Fire</b>
[10] Student10		0	50	100			250	1	V	

**NOTE:** On the Train screen all Role Players will appear in Dark Blue while all Students will remain in Light Grey. You can also review current modes and shock levels (or vibrate) for each to verify accuracy.

# 5.4 How to UnSync the StressVest® CQT Instructor Tablet from the StressX belt

- 1. Ensure the Tablet is displaying the Student Setup screen on the StressX<sup>™</sup> belt you wish to unsync.
- 2. Press the **Sync** button on the StressX<sup>™</sup>, which will cause it to flash red.
- 3. Point the red Ir Sync window on the Hand Grip Handle towards the red Ir Sync window on the StressX<sup>™</sup> Belt and press Unsync.
- 4. Both the Serial Number and Software Version will go blank to indicate it is unsynced.
- 5. If the StressX<sup>™</sup> belt is still showing an "H" in the digital display, hold down the sync button on the StressX<sup>™</sup> belt for seven seconds until the display goes blank.

**NOTE:** Holding down the Sync button on the StressX<sup>™</sup> belt for seven seconds will also clear any synced StressVests<sup>™</sup> from that StressX<sup>™</sup>.

# 6.0 SCENARIO EXECUTION & MANAGEMENT

The StressVest® CQT Instructor Tablet ensures the Instructor has complete control over the scenario from start to finish with the StressVest®'s.

Be sure to use the tablet holder safety strap by placing your wrist through the strap and tightening the strap until snug.

When holding the tablet, hold it upright with the Ir window on the backside of the tablet facing towards scenario.

The tablet is capable of functioning at a distance of 100 feet line of sight. Operating the tablet through walls, vehicles or other solid matter can affect the range significantly.



### 6.1 Starting a Scenario - Live

All StressX<sup>™</sup> belts will not function until they have been put into a **Live** state when synced to the CQT Instructor Tablet.

When ready to start training, press the **Live** button to place the StressX<sup>™</sup> belts into the enabled state. Once in the enabled state, the **Live** button will turn dark green and all synced StressX<sup>™</sup> belts will function when activated.

•			Ster	rVest - 200.10						- <b>8</b> ×
Train Manual										<b>STRESSVEST</b>
Names	Activate	Hits		H	leart Rat	e		Mode	Level	
[1] Student01	۲	0	50	100	150	200	250	1	V	Lines
[2] Student02		0	50	100		200		1	V	Live
[3] Student03		0	50	100		200		1	V	
[4] Student04		0	1					1	V	Hit All
[5] Student05		0	50					1	V	
[6] Student06		0	50				250	1	V	Chan Caman
[7] Student07		0	50					1	V	Snow Camera
[8] Student08		0	\$0		150			1	V	
[9] Student09		0	50					1	V	Cease Fire
[10] Student10		0	1	100				1	V	

## 6.2 In Scenario Instructor Actions - Activate One or Hit All

Once the scenario is **Live**, the Instructor can activate any one vest by pressing the **Activate** target button next to the Student's name. Once activated the button will turn red for one second and then automatically reset. It will also register a hit on the vest.

**NOTE:** When pressed, if the Activate button flashes an "X" over the target that means the tablet was not able to communicate with the StressX<sup>TM</sup> belt and the Student / Role Player's StressX<sup>TM</sup> belt was not activated. This can occur when the StressX<sup>TM</sup> belt is out of range of the tablet.

			Stre	siVest - 2.0.0.10						- 0 ×
Train Manual										<b>STRESSVEST</b>
Names	Activate	Hits		ł	Heart Rat	e		Mode	Level	
[1] Student01		3	50	100	150	200	250	6	3	( Denser )
[2] Student02		0	50	100	150	200	250	1	v	LIVe
[3] Student03		0	50	100	150	200	250	1	V	
[4] Student04		0	50	100	150	200	250	1	V	Hit All
[5] Student05		0	50	100	150	200	1 250	1	v	
[6] Student06		0	50	100	150	200	250	1	v	
[7] Student07		0	50	100	150	200	250	1	V	Show Camera
[8] Student08		0	50	100	150	200	250	1	v	
[9] Student09		0	50	100	150	200	250	1	v	<b>Cease Fire</b>
[10] Student10		0	50	100	150	200	250	1	v	

**Hitting All StressX™ Belts at Once -** The Instructor can activate all StressX™ belts at once by pressing the **Hit All** button twice. Button and all targets flash red for one second and are then automatically reset.

### 6.3 Ending a Scenario - Cease Fire

When the Instructor wants to end the scenario, they can press the **Cease Fire** button and all StressX<sup>™</sup> belts are immediately rendered inert and the **Cease Fire** button will turn Dark Red. Once in Cease Fire Mode, the **Activate** and **Hit All** buttons are inert.

You can also access the Student Set Up screen to make any desired changes to the training modes or shock level. Cease fire state is indicated when the **Cease Fire** button is bright red.

•			Stre	ss/Vest - 2.0.0.10						- 8 ×
Train Manual										<b>STRESSVEST</b>
Names	Activate	Hits		ł	Heart Rat	e		Mode	Level	
[1] Student01		0	50	100	150	200	250	1	V	1.000
[2] Student02		0	50	100	150	200	250	1	٧	Live
[3] Student03		0	50	100	150	200	250	1	٧	
[4] Student04		0	50	100	150	200	250	1	۷	Hit All
[5] Student05		0	50	100	150	200	250	1	V	
[6] Student06		0	50	100	150	200	1 250	1	٧	
[7] Student07		0	50	100	150	200	250	1	٧	Show Camera
[8] Student08		0	50	100	150	200	250	1	V	
[9] Student09		0	50	100	150	200	250	1	v	Cease Fire
[10] Student10		0	50	100	150	200	250	1	v	

## 6.4 Heart Rate Monitoring

The StressVest® Instructor Tablet includes two Polar Heart Rate Monitors (additional Heart Rate Monitors available for purchase). The heart rate monitors will automatically send information to the StressX<sup>™</sup> belt worn by the participant. No syncing is required. The information will automatically display each participants information in the heart rate column.



Heart Rate Monitors must be worn directly against skin with sensor just below sternum. If heart rate is not showing up on the Tablet. Be sure you are in "Live Mode". If still not appearing, moisten the back of the sensor where it touches chest

The tablet software identifies the heart rate minimum and maximum using a red triangle just under the heart rate bar. The heart rate bar will indicate the current heart rate of the participant.





### 6.5 Hits Indicator

The StressVest® Instructor Tablet counts hits to each participant. Due to environmental conditions, occasionally it can take 1-2 seconds for a Hit to register.

# 7.0 CAMERA

The StressVest<sup>®</sup> Instructor Tablet comes with a HD Video Camera for recording and playback of scenarios. For Instructions on how to operate the video camera, go to the YouCam User Guide in the "Operating Manuals" folder from your Desktop.

To access the camera, click on the **Show Camera** button and the camera window will pop up on the screen.



Click on the Video Capture button and you will begin the recording. Notice the timer on the upper left of the screen will begin to run.



Press the Video Capture button again to stop the recording. Your new video will be saved on the Captured Contents section and you are now ready to record another video.





All your videos will be displayed on the Captured Contents section and can be played for student remediation.

Note: All your captured videos will be automatically saved in the "Scenario Videos" folder on your Desktop.



Double click on the thumbnail you wish to play and the playback window will popup on the screen.

## YouCam Home Screen Navigation



For more detailed instructions on how to operate the video camera software, go to the YouCam User Guide on your "Operating Manuals" folder on your Desktop.

# **8.0 TROUBLE SHOOTING STRESSVEST® CQT INSTRUCTOR TABLET**

### StressX<sup>™</sup> Belt Does Not Seem to Sync to the CQT Instructor Tablet

- Check that you have pressed the Sync button on the StressX<sup>™</sup> belt and it should be flashing. When in the Student Set Up Screen press Sync and be sure the Tablet's ir window is facing towards the flashing StressX<sup>™</sup> belt.
- 2. Be sure the USB connector from the StressVest® Instructor Tablet Hand Grip Holder is plugged into the tablet. If not, exit out of the software, plug in the USB connector and then restart the software and try the Sync process again.
- 3. If the Syncing process still will not work, then reboot the tablet, turn the StressX<sup>™</sup> off and on, and try again.
- 4. If you see an H in the LED Display it means it is already synced to the CQT Tablet. Set this StressX<sup>™</sup> belt to Role Player so it is vibrate mode. Exit out of the Student Set Up Screen and press the Live button to enable all synced StressX<sup>™</sup> belts. Test the StressX<sup>™</sup> belt that you feel is not syncing by Activating it through the tablet. If it vibrates, then it is properly synced. If it does not vibrate, then press Cease Fire and return to the Student Set Up Screen of this StressX<sup>™</sup> belt. Unsync the StressX<sup>™</sup> belt by holding down the sync button for seven seconds until the "H" and "A" disappear and the LED Screen is blank. For the Tablet, in the Student Set Up Screen press Unsync and face the ir window towards StressX<sup>™</sup> Belt while the Sync light is flashing red on the StressX<sup>™</sup> Belt. Your Tablet in now Unsynced. Try Syncing it again and test.

### If the belt still does not Sync check the following:

 If the syncing process still does not work, ensure the StressX<sup>™</sup> belt is not already synced to the Tablet under another Student/Trainee. You cannot have the same StressX<sup>™</sup> belt synced twice.

### Tablet Hits Counter is Off Sometimes or Delays Before Recording a Hit

- 1. The Tablet counter counts in real time but is dependent upon receiving a hit signal from the StressX<sup>™</sup> Belts. The odd time that signal is blocked or interfered with, or is out of range and it results in having a miscount.
- 2. The Tablet counter will also "catch up" at times. For example, if the first hit did not register, the second hit will catch it up and it will jump to two.

# Clear Hits Button on Tablet Does Not Clear Hits on LED StressX<sup>™</sup> Belt

- 1. This is normal as the Clear Hits Button will not clear the hits on the StressX<sup>™</sup> belts as it only clears the hits on the Tablet. However, the hits on the StressX<sup>™</sup> belt are cleared automatically by starting the next scenario.
- If you want to clear the hits on the StressX<sup>™</sup> Belt between scenarios, you can still do so by pressing and holding the Up & Down Arrows on StressX<sup>™</sup> Belt until the LED Display is clear.

## Why Can I Only Access Certain Modes When in Role Player or Trainee Type?

- 1. When Role Player type is selected, only modes 1 to 3 will be available. These are the modes which only deliver a vibration as Role Players should not be experiencing a pain penalty.
- 2. When Trainee type is selected modes 1 to 12 will be available.

# Why Can't I Access Any of the Buttons on the StressX<sup>™</sup> Belt When Synced to the Tablet?

1. Once Synced with the Instructor Tablet, the StressX<sup>™</sup> belt control settings will be locked to ensure Trainees do not tamper with them or Role Players/Trainees do not accidently bump them into a different setting/mode. This gives the Instructor complete control as the StressX<sup>™</sup> settings can only be changed through the Tablet.

# When Pressing the Activate Button Through the Tablet it Flashes an "X" Over the Target Symbol and Does Not Register a Hit

 The "X" indicates the tablet was not able to communicate with the StressX<sup>™</sup> belt and the Student / Role Player's StressX<sup>™</sup> belt was not activated by the Instructor. This occurs only when the StressX<sup>™</sup> belt is out of range of the tablet.

### The Tablet Does is Not Recording Heart Rates of Trainees

- 1. Ensure the Trainee is wearing a Heart Rate Monitor and that the Monitor is worn directly against the skin with the middle sensor just below the sternum.
- 2. Be sure you are in "Live Mode" on the Tablet.
- 3. If the heart rate is still not appearing, moisten the back of the sensor where it touches chest and try again.

**Note:** Never attempt to service any part of the StressVest® CQT Instructor Tablet. Contact StressVest® Inc at 1-866-353-5055 or email info@stressvest.com.

# 9.0 STRESSVEST® CQT INSTRUCTOR TABLET 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 purchases 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:

- The Samsung compute tablet is covered for by Samsung® manufacturers warranty. Any computer related issues must be handled through Samsung®'s normal warranty and warranty protocol.
- This StressVest® Instructor Tablet product is limited to the tablet holder device,
- Except as otherwise provided herein, StressVest® Inc warrants that the tablet holder 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.
- The warranty applies only to products purchased and used in North America. For products purchased in, but used outside North America, this warranty covers only warranty service within North America (and does not include shipping outside North America).

### What is the length of the warranty periods:

• StressVest® Instructor Tablet holder - one year from 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 that the Product was purchased within the United States or Canada. 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 StressVest® Inc. Mail the defective StressVest® including Controller with Shock/Vibrator Device and/or accompanying Consumables and Accessory Items with postage prepaid together with a photocopy of your bill of sale and written description of the defect to: StressVest® Inc., 1080 Kingsbury Avenue, Winnipeg, Manitoba, Canada, R2P 1W5, Attn: Warranty Department. Please note the RA number on the o utside 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® Instructor Tablet Holder 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 at no charge to you for parts or labor. The decision as to whether to repair or replace the StressVest® System is made by StressVest® at their sole discretion. The repaired or replacement StressVest® Instructor Tablet Holder will be returned to you freight prepaid.

If the StressVest® Instructor Tablet Holder is not covered by this warranty you will be contacted and charged for shipping the StressVest® Instructor Tablet Holder 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.

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- 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.
- This warranty gives you certain rights. You may also have other rights that vary by state.
- 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 LIABILE 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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