



FITLIGHT TACTICAL TRAINING SYSTEM

DISTRIBUTOR INFORMATION

December 07, 2015

GENERAL DYNAMICS

Ordnance and Tactical Systems–Canada

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GENERAL PRODUCT OVERVIEW

INTRODUCTION

The information within this document is for the sole purpose of providing Simunition® Distributors information on the **Fitlight Tactical Training System**. If there are any questions regarding the content of this document they should be directed to the office of Mark Hallis at Fitlight Tactical Division (markh@fitlighttac.com) (tel. 1- 905-895-0508) or to your respective Simunition® Regional Managers.

BENEFITS AND USES

The **Fitlight Tactical Training System** is the most multipurpose technology being introduced to the tactical industry today.

This tactical target system allows new opportunities for force on target training in shoot house environments, on range programs and a variety of unique training environments.

The benefits and uses include:

- **Improve Cognitive Processing**
- **Realistic Close Range Training**
- **Immediate Visual Response**
- **Measurement of Reaction Time**
- **Train Central Focal and Peripheral Awareness**
- **Shoot Don't Shoot Training**
- **Speed /Agility/Accuracy**
- **Improve Decision Making under Stress**
- **Force on Target Training**
- **Engaged Focus Training with Real Time Measurements**
- **Dynamic Movement of the Shooter**
- **Traditional Timing for S&C Training**
- **And Much, Much more!**

PRODUCT INFORMATION

The following includes information on the current **Fitlight Tactical Training System** and its accessory products.

The Fitlight Tactical Training System

The **Fitlight Tactical Training System** is a wireless system comprised of 4, 8 or more RGB (Red Green Blue) LED powered Light Sensors and a Tablet Controller. The Silhouette Target and Light Sensors are used as a visual cue for the shooter to engage or not engage potential targets as per the training scenario. Various measurements can be captured for immediate feedback in relation to the user's performance or can later be downloaded to a central computer for future analysis. The Lights Sensors can be activated/deactivated by the motion of the users hands, feet, body, or by direct impact of a Simunition® FX® or CQT® projectile. The lights can be programmed to be activated / deactivated by direct contact or proximity sensing whereby the system is able to record time for any training function.



Silhouette Targets and Light Sensors mounted on a pole with pole clip and rubber base

The system is extremely easy to set up and use, and training routines can be preprogrammed into the Tablet Controller or easily developed on site by the user. The Silhouette Target and Light Sensor can be mounted on walls, floors or any apparatus and used to enhance the training and condition the user according to the training objectives. Additionally the Light Sensors can be mounted whereby they simulate real tactical specific situations, such as in tactical shoot houses and real world environments.

The Fitlight Tactical Training System

The Fitlight Tactical Training System is a new system now available to the tactical training community. The Target Silhouettes are engineered using high quality materials to withstand high velocity impacts from FX® and CQT® Reduced Energy projectiles. The Target Silhouette is formed such that it allows the Light Sensor to fit easily behind the target. The Target Silhouettes and Light Sensor also allow for simple attachment to walls, poles or other objects.

The Light Sensors allow the shooter to view up to six colored LED lights. They can be adjusted to different brightness intensities or size of light. The accelerometer in the light sensor will score impacts on the target and provide reaction times to hitting that target. The Fitlight Tactical Training System allows for a multitude of possible programming options, from multiple color lights activating at the same time, random or as per programmed training scenario sequence. The firearms instructor can program shoot no-shoot protocols using a variety of options with respect to colors and sequence of targets. The applications are endless.

PACKAGES

FITLIGHT TACTICAL TARGET SYSTEM – 4 LIGHTS

- 4 Light Sensors (LED)
- 4 Tactical Target Silhouettes
- 1 Military Grade Charging / Transport case
- 1 Android Tablet Controller
- Velcro Pads (front and back) – set of 10
- Adaptors



Fitlight Tactical Target System – 4 Lights

FITLIGHT TACTICAL TARGET SYSTEM – 8 LIGHTS

- 8 Light Sensors (LED)
- 8 Tactical Target Silhouettes
- 1 Military Grade Charging / Transport case
- 1 Android Tablet Controller
- Velcro Pads (front and back) – set of 10
- Adaptors



Fitlight Tactical Target System – 8 Lights

TACTICAL TARGET SILHOUETTE

Formed Tactical Target Silhouettes are custom designed to hold the Fitlight Light Sensors in position and act as a target to fire a variety of projectiles on. The human silhouette is backed with a white vinyl and has a transparent center to view the light in both indoor and outdoor conditions. This target Silhouette can be easily applied to walls and other objects using Velcro Pads or can easily attach to Fitlight Aluminum Pole.



POLE CLIP FOR LIGHT SENSOR

Pole clip allows the secure attachment of the Fitlight Light Sensor to the 1" pole or any other 1" tubing. This is what connects the light for use of the system for physical timing applications etc...



Fitlight Pole Clip. It inserts on the back of the Light Sensor and clips to the Aluminum Pole.

VELCRO PADS

Velcro pads will allow the client to apply both the Light Sensors on their own and the Target Silhouette to a wide variety of objects in a wide variety of environments. An example of this would be in shoot houses you could put Light Sensors in door frames or hallways and use them as a proximity sensor to then activate targets in rooms or other areas. The tabs can also be applied to the backs of the targets and securely attached to walls or objects in these environments. Once the target is impacted with a projectile it will provide impact feedback to the operator.



VELCRO LOCK FOR LIGHT SENSOR

The Velcro Lock comes on the back of each Light Sensor when sold. These are used to fix the Light Sensors using the Velcro Locks to all types of surfaces and objects. They can be removed by pushing in and turning the back of the light.



Velcro Lock - Front and Back



Velcro Lock inserts in Light Sensor

LIGHT SENSORS

Even though the Fitlight Training System comes with 4 or 8 Light Sensors, additional Light Sensors can be added to the kit at any time. Each additional Light Sensor can be purchased separately or added to the cost of the system at the time of the order. It is recommended to keep an inventory of Light Sensors for quick and easy delivery to your clients. The trend to date has shown that more than 50% of the clients that order a four light systems order additional lights within 90 days.



Light Sensor front and back



CHARGING / TRANSPORT CASE

The Fitlight Tactical System comes with 4 and 8 light military grade charging cases. The features include custom foam inserts to hold and charge the lights, store the Tablet Controller and accessories. The dimensions and weight of the case allow for easy transport on airplane overhead storage. All electrical statistics and case dimensions are included online. Come with interchangeable, international power adaptors.



RUBBER BASE

Black rubber bases are part of the pole set. They have a 1" opening in the center and are low profiled for better stability and functionality. The aluminum tube inserts into these bases which come in weights of 5 lbs.



Rubber Base

TABLET CONTROLLER

The Fitlight Tablet Controller comes with each system set. It is the heart of the system and where all light operating functions and protocols are programmed and run. The blue protective cover should never be removed from this tablet.



POLE CONNECTOR

Aluminum Pole Connector is used for connecting two 4" long, (1") diameter tapped poles together to make longer lengths. These are incorporated with the heavy base feet and thumb screws for greater stability.



ALUMINUM POLE

The pole is 1" diameter silver anodized aluminum tubes that comes in standard 4' lengths. The pole can be lengthened by aluminum frame extenders that slip inside the pole to allow the attachment of another 4' attachment of another 4' length. They are very durable and function well in traditional tactical settings.



FITLIGHT TACTICAL TRAINING SYSTEM

PART NUMBERS AND DESCRIPTION

Serial	Part Number	Item Description
1	8510004	FITLIGHT TACTICAL TARGET SYSTEM (4 LIGHTS) Includes a Charging/Transport Case, 4 Light Sensors, 4 Target Silhouettes, Tablet Controller, Velcro Pads
2	8510008	FITLIGHT TACTICAL TARGET SYSTEM (8 LIGHTS) Includes a Charging/Transport Case, 4 Light Sensors, 4 Target Silhouettes, Tablet Controller, Velcro Pads
3	8510001	Tactical Target Silhouette - 1 unit
4	8510600	Tablet Controller - 1 unit
5	8510700	Light Sensor - 1 unit
6	8511100	Pole Clip for Light Sensor - 4 units
7	8511200	Aluminum Pole (4 feet) - 4 units
8	8511501	Rubber Base Foot (5 lbs)- 4 units
9	8510300	Velcro Pads - Front and Back (Set of 10)
10	8510301	Velcro Lock for Light Sensor - 4 units
11	8511300	Pole Connector - 1 unit

WARRANTY POLICY

WARRANTY AND SERVICE

It is the sole responsibility of the customer to register their Fitlight Tactical Training System at the time of purchase to validate the warranty. All end purchasers **MUST** register their units serial numbers clearly posted under the lid of the charging case to activate the warranty. Returns and repairs must follow the return form policies attached in the distributor packet.

EXCLUSION OF SALES

All Simunition distributors are restricted to sell and service only in the markets related to tactical industries and must never solicit or sell into outside markets that THE FITLIGHT SPORTS CORP. recognizes as sports training or medical. There are established distributors that FITLIGHT has in these markets and any violation of this could result in cancellation of distributors' rights. If there is ever any question towards a client's status please contact the Fitlight Tactical Division.

All applicable warranties and after market distributor/customer product support for the Fitlight Tactical Trainer System shall be warranted and provided by Fitlight Sports Corp. Located at 14845-6 Yonge Street, Suite 376, Aurora, ON, Canada, L4G 6H8, telephone: 1-905-713-3330.

TACTICAL WEBSITE

www.fitlighttactical.com is the direct link URL for all Fitlight Information that pertains to the Fitlight Tactical program. This site will host all details towards the Fitlight Tactical Target System and Simunition contact info. This site is currently up as a single page and will continue to add content with the anticipated completion date of August 1, 2015.

TUTORIALS AND TRAINING

Fitlight will host a variety of basic set up and operating instructional videos online. These will be made available through the client login website hosted by Fitlight on the Tactical website. These will be ready for clients to view for August 1, 2015.