



TRIGGERPOINT TRAMS

FULLY INTEGRATED FIRE CONTROL SYSTEM



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TACTICAL RAIL ACCESSORY MANAGEMENT SYSTEM

The world's first fully integrated light/ laser management system for AR15 platforms provides intuitive application of weapon light and laser without the need for support hand pressure switches.

The connected systems are operated via two separate switches. The primary switch is a button (push ON, release OFF) on both sides of the magazine well activated by the trigger finger in the normal off-trigger position.

When firing on a target, the selected laser and light devices are automatically activated by transitioning inside the trigger guard and bringing the trigger finger to the trigger. The slotted tab retracts into the trigger and activates the lights/lasers before the trigger finger touches the trigger

The target is illuminated exactly when needed - without having to use a support hand pressure switch.



Trigger

The trigger tab activates magnetically without affecting the trigger's characteristics.

Cable Transition

The control cable is designed so that the gun can be opened completely without having to remove the cable.

Cable Management

The connecting cables run between the quad rails. These are secured against snagging by patented Shepherd clips.

Primary Switch provides Off-Trigger activation when not engaged in combat operations

Primary Switch

The control unit is used to determine which connected devices are activated and to store the desired functions for light and laser.

Control Module

Control Module



The robust thumb wheel rotary switch on the control module allows easy switching between the connected devices through preselected channels. The system has 3 positions. Off / Channel A / Channel B.

Depending on the user requirements, different configurations can be stored. Example Configuration: Channel A- light and visible laser, channel B- IR light and IR laser.

The user no longer has to operate the program selector switches on the laser systems, which are usually difficult to use in the dark or when wearing gloves. The TRAMS control unit offers 4 inputs for laser and light systems.

Primary Button



In order to provide an intuitive activation of the laser and light devices, our system utilizes two different types of switches. Pushbuttons attached to the magazine well are used without the need of support hand pressure switches on the forward rail.

These are ambidextrous and are activated by the index finger. These buttons are Press ON, Release OFF and are used for surveillance and area familiarization. When the activation of any light or laser may reveal the location of the user to the enemy, then these buttons **are not used**.

Trigger



When the enemy is close and the activation of any light or laser may reveal the user, then the user will move inside the trigger guard and use the trigger switch to activate targeting lights and lasers. At the instant of illuminating the enemy, your finger is on the trigger for rapid follow through.

The trigger is a standard single stage trigger machined to accommodate the near frictionless sliding tab. The selected lights and lasers will activate when the trigger finger has depressed the tab about half way to the trigger face. The user's trigger finger is not touching the trigger when activation occurs

Cable Transition



The control cable connects the lower to the upper receiver and is designed so that the upper can be separated from the lower at the rear take down pin without having to remove the cable.

The plug-in coupling is an extremely high grade connector. It is locked into the rail module so it is extremely reliable and will not be loosened by rough handling. If the control cable is hard snagged however, it will tear out but still allow the weapon's accessories to be activated by their own buttons and switches.

Cable Management



The connection cables are held between the Picatinny rails so as to minimize any snagging. Patented Shepherd clips provide cable security. The cable management system may also be compatible with other hand guard systems such as M-lok.

In these cases, individual Picatinny rails are retrofitted. The necessary connector cables are assembled by us to fit varying hand guard lengths and different light and laser systems. NATO Standard plugs are the base configuration. However, other connector systems can also be used.

Trigger Point Technology

SAFETY AND INSTALLATION INSTRUCTIONS

“When you illuminate the enemy, you reveal yourself”. At the moment you reveal yourself, where better to have your trigger finger than on the trigger.

Normal training and doctrine remains in place. “The finger does not touch the trigger until the decision to fire may be required”. Illumination of the enemy may, obviously, require the decision to fire.

The TRAMS system guarantees that when the light and laser are activated your trigger finger is ready to fire, minimizing the danger of negligent discharge due to support hand sympathetic squeeze response. Your support hand is quiet, therefore your trigger finger is quiet.

The system can be installed by the customer following our instruction. We also offer a complete assembly service

World-wide on request.

SPECIFICATIONS

Weight	140g
Battery	1x CR-1/3N
Battery Life	2 years in standby
Water Restistance Level	IPX8(15m)

TRAMS Video:



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