



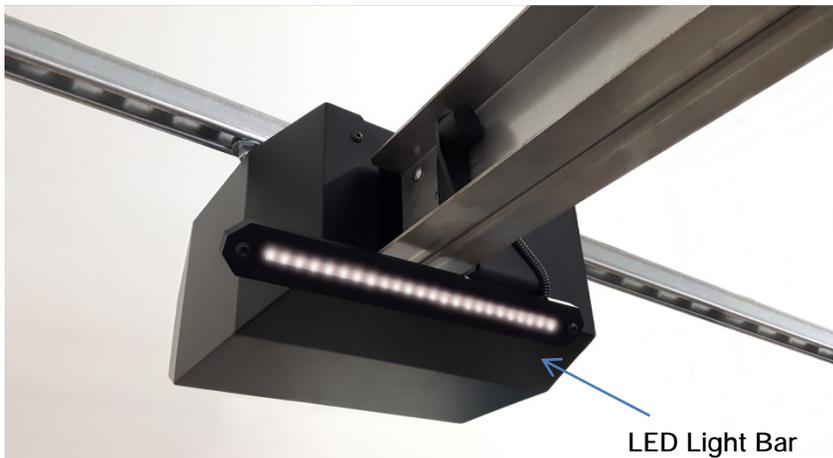
CR-2TL Target System Carrier

Range Systems CR-2TL is a dynamic turning target system designed to improve live fire training through unpredictable, fast-action target presentations. It can be programmed to randomly edge the target to the left or right and turn in increments up to 360 degrees to present a complete, unexpected turn at the direction of programmable software. This is a significant change from the standard target retrieval systems with which users can anticipate target movement.



The CR-2TL target carrier has integrated LED lights mounted behind the front shield. The lights are high intensity LED and provide bright white, red, and blue lights that are adjustable for steady-on, strobe, or off position. The on-board lights are angled to provide target illumination and can be adjusted for variable lighting conditions from low light to flashing lights that simulate emergency vehicles or muzzle flash. There are 4 white and 4 strobe patterns that can be selected from the individual lane control.

An innovative design feature of the CR-2TL target carrier is the recessed target holder. In a traditional system, the target holder is suspended from the bottom of the carrier and is exposed to hits from errant rounds, resulting in unpredictable ricochets and damage to the holder. The recessed CR-2TL target holder is not in the line-of-sight from the firing line and eliminates those problems. Utilizing standard target holder hangers, the CR-2TL provides a higher degree of flexibility for target placement and supports a large array of target sizes.



An optional lighting feature is available to provide task lighting at the firing line. A LED light bar installed on the drive unit offers three intensities of white light in the shooting stall. The settings are displayed and selected from the local control screen.

Ideally suited for longer distance ranges, the CR-2TL target system has an acceleration feature that is triggered anytime the carrier needs to travel over 75 feet to get to its target stop or back to home. The carrier speed jumps from 10 fps to 15 fps which allows the target movement

to be much faster, providing a more enjoyable experience for the user, and more efficient lane time. The CR-2TL system will perform well in ranges requiring up to 100 yard target distances.



Target System Track

The target carrier travels along a rugged steel "1" beam track and its position is tracked using an encoder, which gives reliable and repeatable positioning to within ± 1 inch (2.5cm). The front of the carrier is protected by a 3/8" AR steel angled plate that deflects errant rounds safely while also protecting internal components. CR-2TL is a premium target retrieval system that is cable propelled for reliable positioning and easily operated by touch screen control. It is built with high quality steel and electrical components to assure a long service life with minimum maintenance.

Individual Lane Control

Each target lane has its own 7" color touch screen control that is intuitive to use. The versatile lane control comes preloaded with twenty preset training programs that provide a variety of scenarios for handgun and rifle shooting.

The individual lane control can run automated timed drills, programmed scenarios, random courses of fire, or simply be manually operated by using the touchscreen keypad to control the target. If required, the target turning feature can be blocked by running the target system in basic mode.



When the user selects a program from the presets, the steps of the course will be displayed on the screen. The user can select the unit of measure they want to operate the lane in from feet, yards, or meters. A popup keypad on the touch screen allows the user to enter the unit of measure and can be changed at any time during the session.

The touch screen lane control offers several unique capabilities that are designed for commercial or public shooting range use. One of these features is the shooter must acknowledge the range rules before gaining access to the main control screen. This allows the owner to set their range safety rules and policies and ensures that the user agrees to the terms and conditions by their acceptance.

The lane control screen also contains an "Assistance" button which engages a call light on the drive unit to visually alert the range operator that assistance is required. This allows the shooter to maintain their position in the lane while waiting for assistance, minimizing movement behind the firing line and enhancing range safety.

Another distinctive attribute of the CR-2TL target system is a lane timing element that is available through the Master Range Controller. This is a valuable feature for the commercial or public range as it eliminates the need for a separate range timer, automatically manages lane time, and allows the shooter to know of their available time. When their allotted time has expired, the target carrier will return to the home position and the local control will shut down.