

“Laser Distance Measuring Kit” for Underway Replenishment and RAS

Approved by NWDC in NTTP 4-01.4 and ATP 16

The most advanced technology

Efficient, cost effective, safe

Fast, accurate, and dependable

Save time, save lives, reduce costs



Product Details

- Anodized digital displays: dual waterproof aluminum enclosures clearly display values, designed to easily and securely mount to ship rails
- Accurate automated Self-Test: each time power is applied, the system automatically performs a visual test in 10 seconds ensuring accuracy and precision
- Precise internal data: on board CPU analyzes data as it is received and immediately indicates reliable readings
- Attention Effect: five user selected flashing patterns draw attention to the display location
- Day/Night Modes: adjust the brightness of the LED for optimal visibility for the external conditions

About SPROX™ “Laser Distance Measuring Kit”

Ensure that your crew maintains safe distances during underway replenishment and RAS using Laser Atlanta’s SPROX (Ship PROXimity) laser distance measuring kit. Approved by the Chief of Naval Operations and by NATO for its accuracy, ease of use, and utility, the SPROX system measures and clearly displays ship distances in a fraction of a second with astonishing accuracy on an easy-to-read, waterproof EMI protected LED display. The integrated CPU automatically analyses and stores readings. Manufactured from high quality material, the portable equipment easily withstands rugged use. With a commitment to ship safety, this cost-effective product increases the efficiency and lowers the risk of dangerous maneuvers while at sea.

“Laser Distance Measuring Kit” for Underway Replenishment and RAS

Cost reducing systems that save lives

Designed for rugged sea use and inclement weather

Rigorously sea trial tested by the US Navy



The SPROX™ system saves lives, saves time and facilitates processes during underway replenishment. After full review by the Commander of the Naval Sea Systems Command as well as by the Navy Warfare Development Command, SPROX™ is approved by the Office of the Chief of Naval Operators under NTTP 4-01.4 as of 2009, published edition.

Per clause 2.3.10, the Laser Distance Measuring Kit “may be used in place of the bridge-to-bridge phone/distance line...”.

The Laser Distance Measuring Kit replaces antiquated and cumbersome phone and distance line procedures. This system provides today’s fleets with superior technology to achieve the highest standards of performance.

Laser Distance Measuring Kit Ordering Guide

Package Name:	Replenishment Aircraft Carrier	
Package Number:	P/N 80109	P/N 80119
	# of units per package	
Principle Hardware		
Advantage w Inclinometer	1	1
Custom 5 digit LED sign with intensity	2	1
Bridge Sign with Remote Control		1
Cases		
Custom set of cases, Sign & Support	3	2
Laser Case / Pelican	1	1
Power		
Double insulated 12V Supply	1	1
Mil connector Tripod battery handle	1	1
Software updates		
Cables with Mil-Style Connectors		
All installation hardware included		

Features

- Easy-to-read, waterproof LED displays
- Continuously updates readings
- Automatic data analysis and accuracy assurance software
- Attenuation effect
- Inclination and compass functions

Laser Specifications

- Range: up to 5,000 ft. (m)
- Measurement time: 0.3 seconds or less
- Accuracy +/- 0.5 ft (m)
- Dimensions: 3.8”w x 7.3”h x 6.4”d
- Weight: 3lb 9oz with battery

*“Amateurs study tactics.
Professionals study logistics.”*

