

ITAL-A & OTAL-A

INLINE & OFFSET TACTICAL AIMING LASER-ADVANCED

The *ITAL-A* and *OTAL-A* are rugged, compact and manufactured with the latest cutting-edge technology.

The A-series includes an adjustable focus infrared laser which allows the operator to adjust the size of the laser beam depending on mission requirements. When focused, the laser provides a continuous beam for precise aiming. When defocused, the beam spreads to provide improved illumination and situational awareness.

Visible models are available with either a red Super Power Point™ laser pointer or a green Ultra Power Point™ laser pointer designed to improve range and visibility

in daylight and at night. It offers faster target acquisition and is FIVE times more visible than traditional red lasers.

The high power green laser is perfect for operations using SCBA and other CBRN equipment, and the waterproof metal housing allows for complete decontamination.

Additional series features include a built-in double tap switch which activates the laser in either a momentary (single tap) or continuous ON mode (double tap), and mounting holes for an optional sub-miniature red dot sight or MIL-SPEC-1913 top rail.

ITAL-A
with Simulated
IR Pointer/Illuminator



ITAL-A & OTAL-A

- Choice of red Visible Pointer (<5mW) or green Visible Pointer (<5mW, <*30mW, <*50mW or <*200mW), or
- *IR Pointer/Illuminator (<5mW, <50mW or <150mW)

*LE/Military only



OTAL-A
with Green Pointer

ITAL-A with Green Laser





OVERALL FEATURES INCLUDE

- ▶ Rugged aerospace aluminum housing, MIL-SPEC Type III hardcoat anodized
- ▶ Hi- and Lo-power modes of laser operation
- ▶ Compact design minimizes weight
- ▶ Low profile allows the laser to be mounted in front of scopes, holographic sights or night vision devices
- ▶ Fully adjustable windage and elevation
- ▶ Remote cable pressure pad switch and built-in momentary activation switch
 - Single tap enables momentary activation
 - Double tap instantly activates the laser in a continuous ON mode for 5 minutes or until pressed again
- ▶ Supplied with
 - Quick release mount
 - 7" remote cable pressure pad switch
 - Battery
- ▶ Optional MIL-SPEC-1913 top rail and sub-miniature red dot sight available. Neutral density filter, optical diffuser and pattern generators sold separately.
- ▶ Manufactured in the USA

ITAL-A FEATURES

- ▶ Specifically designed for flat top rifles

OTAL-A FEATURES

- ▶ Specifically designed for M-4 style rifles
- ▶ Laser won't obscure iron sight
- ▶ Laser beam projects around the left side of the front sight

ITAL & OTAL CLASSIC MODELS



OTAL CLASSIC
with Red Pointer

CLASSIC MODELS SUPPLIED WITH THE FOLLOWING:

- ▶ Choice of red or green visible pointer (<5mW)
- ▶ Quick release or knurled thumb screw mount
- ▶ 7" remote cable pressure pad switch
- ▶ One 1.5-volt AA Battery
- ▶ Infrared laser pointer (<1mW) restricted to military and law enforcement agencies only (NSN#1005-99-535-5506)

Contact us or visit our website for additional information.

ITAL/OTAL ACCESSORIES



Remote
Cable



Right
Angle
Remote
Cable



ITAL-A/OTAL-A ACCESSORIES



Remote
Cable

OPTIONAL



Pattern
Generators
(set of 5)



Optical
Diffuser



Neutral
Density
Filter



Right
Angle
Remote
Cable



Sub-Miniature
Red Dot Sight



MIL-SPEC-1913
Top Rail

ITAL-A/OTAL-A SPECIFICATIONS (PATENT NO. 5,581,898) SEE P.29 FOR ADDITIONAL SPECIFICATIONS & WARRANTY

MATERIAL	Anodized aircraft aluminum 6061T-6
WEIGHT (WITH BATTERY)	5.5 ounces / 138.9 grams
SIZE	L 3.8 in x W 1.8 in x H 1.45 in / L 9.7 cm x W 4.6 cm x H 3.7 cm
ENVIRONMENT	Waterproof to 20 meters
BATTERY	One 3-volt 123A Lithium
BATTERY LIFE	Up to 20 hours continuous

SPECIFICATIONS

INFRARED POINTERS

OUTPUT POWER (HI / LO)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE
<1mW (<5mW available upon request)	835nm	IIIb	0.3 mrad	600 meters
<5mW / <1mW	835nm	IIIb	0.3 mrad	600 meters
<50mW / <1mW	835nm	IIIb	0.3 mrad	2000 meters

INFRARED ILLUMINATORS

OUTPUT POWER (HI / LO)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE
<50mW / <1mW	835nm	IIIb	0.5 –75 mrad	2000 meters
<150mW / <5mW	835nm	IIIb	0.5 –75 mrad	5000 meters

VISIBLE POINTERS

TYPE	OUTPUT PWR (HI / LO)	WAVELENGTH	CLASS	BEAM DIVERGENCE	RANGE (NIGHT / DAY) MAY VARY DEPENDING ON LIGHT CONDITIONS
Red	<5mW / <1mW	635nm	IIIa	0.3 mrad	500m / 30m
Red	<65mW / <5mW	642nm	IIIb	0.5 mrad	2000m / 30m
Green	<5mW / <1mW	532nm	IIIa	0.5 mrad	1500m / 50m
Green	<30mW / <5mW	532nm	IIIb	0.5 mrad	2500m / 113m
Green	<50mW / <5mW	532nm	IIIb	0.5 mrad	3500m / 160m
Green	<200mW / <5mW	532nm	IIIb	0.5 mrad	4500m / 200m



TACTICAL LIGHTS

LIGHT TYPE	LAMP TYPE	OUTPUT	BATTERY LIFE
Incandescent	Xenon	95 Lumens	1 hour
LED's & OP-9 Incandescent	Light Emitting Diode	150 lumens	1.5 hours

SALE OF LASER PRODUCTS

The sale of high power Visible and Infrared laser products (Class IIIb) are restricted by the FDA to:

- Department of Defense
- Law Enforcement Agencies
- Federal Agencies
- Qualified Agents

Contact Laser Devices, Inc. for further information.

LIMITED WARRANTY

All Laser Devices manufactured products (excluding flashlight bulbs, bore-light inserts, batteries or other consumable items) have a 1-year limited warranty from the date of purchase on parts and workmanship. A special 3-year warranty is offered against failure on the LED component used in our LED lights. In addition, a 2-year warranty is offered on our EOLAD family of products. Warranty is void if the serial number or manufacturer's labels have been removed, or if products have been misused, modified, neglected or disassembled prior to return.

At its sole discretion, Laser Devices shall repair or replace products found to be defective under normal use and services. Laser Devices' obligation to either repair or replace shall be the purchaser's sole and exclusive remedy under this warranty. Damage from batteries is not covered. Carefully follow maintenance instructions to prevent battery damage from occurring. Laser Devices disclaims all other warranties, expressed or implied and disclaims any warranties of merchantability or fitness for a particular purpose. Laser Devices shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance.

EXPORT NOTICE

Laser Devices' products are controlled for export purposes under the International Traffic in Arms Regulations (ITAR) and the Export Administration Regulations (EAR), and require U.S. Government authorization prior to the export or transfer to a non-U.S. Person.

Visible laser products are subject to export controls imposed by the U.S. Department of Commerce. Contact Laser Devices, Inc. for details.