

ST-400AR

VISUAL LOCATING SYSTEM

Self-contained Submersible to 7,300m

Remote head for maximum flexibility

Adjustable flash rate and intensity



NOVATECH - PROVEN THROUGHOUT THE OCEANS

The ST-400AR is a self-contained submersible Xenon Flasher designed to assist in the location and recovery of underwater assets and oceanographic equipment.

The ST-400AR is equipped with a remote head and it may be submerged for long periods in ocean depths to 7300 metres (24,000 feet). The activation of the ST-400AR is completely automatic, when submerged below 10 meters it is OFF and at the surface it is ON at night only.

At the surface, the ST-400AR "double burst" flashes for approximately 7 days and visual range is up to 3 miles.

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NOVATECH ST-400AR

VISUAL LOCATING SYSTEM

Features

Self-contained, submersible xenon flasher with remote head

- Remote head for maximum flexibility
- Submersible to 7,300m
- Adjustable flash rate and intensity
- Visible up to four nautical miles
- Pressure-activated on/off switch with manual override
- Automatic daylight-off feature

Technical Specifications

Physical

Size	(pressure case)	18.5 x 1.7" (47 x 4.3 cm)
	(remote head)	4.3 x 2" (10.92 x 5.08 cm)
	(cable)	5.52 (1.52 m)
Weight (with batteries)	In water	2.2 lb. (1 kg)
	In air	3.7 lb. (1.7 kg)
Exterior Construction	Hard anodized aluminum	

Power

On/Off Control	Pressure-activated switch turns flasher on at surface, off at depths below approx. 33' (10 m) Manual override by rotating knob.	
Daylight Off Switch	Turns flasher on @ 55 LUX	
	Turns flasher off @ 65 LUX	
Batteries	4 "C" cell alkaline	
Battery Life at 4°C	7 days, on at night & off during day (factory setting)	
Flash Tube	Replaceable. Rated for 20 x 10 ⁶ flashes	
Flash Rate	Adjustable 10/min. to 40/min. ±5% over 3 to 6 volt battery life (factory set at 20/min.)	
Visible Range	Adjustable 2 to 4 nautical mile range (0.2 to 0.6 watt-seconds) ±5% over 3 to 6 volt battery life (factory set at 3 nmi range)	
Effective Intensity	Adjustable 6 to 35 candelas (factory set at 20 candelas)	

Environmental Elements

Operating Temperatures	-40° to +140°F (-40° to +60°C)
Ocean Depth Rating	Approx. 24,000' (7,300 m)



Data collection and communication experts

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