

Novatech ST-400AR

Visual Locating System

2009 Data Sheet

COBHAM

The most important thing we build is trust



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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



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' (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
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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.
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Daylight Off Switch	Turns flasher on @ 55 LUX Turns flasher off @ 65 LUX
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Batteries	4 "C" cell alkaline
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Battery Life at 4°C	7 days, on at night & off during day (factory setting)
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Flash Tube	Replaceable. Rated for 20 x 10 ⁶ flashes.
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Flash Rate	Adjustable 14/min. to 60/min. ±5% over 3 to 6 volt battery life (factory set at 20/min.)
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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)
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Effective Intensity	Adjustable 6 to 35 candelas (factory set at 20 candelas)
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Environmental Elements

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