



SWALE OCEANOGRAPHIC

STI-350

Surface Acoustic Receiver



- Tracks Beacons and Transponders
- Waterproof Housing
- Adjustable Staff Assembly
- Small and Compact
- Easy to operate

The STI-350 is a small battery operated directional receiver that's designed to track both underwater pingers and transponders from the surface. An LCD display provides navigation data to the operator while sealed switches allow easy access to control functions of the deck box.

When operating in passive mode, the STI-350 can locate standard acoustic beacons that operate from 25 to 45kHz. The STI-350 displays signal strength and bearing to the selected acoustic beacon. A built-in electronic compass provides additional directional support in keeping the operator on course.

The STI-350 can also track and locate transponders designed to work with the receiver. These transponders allow divers to mark targets underwater and re-locate them up to 750 metres away. The STI-350 provides accurate range and bearing to the transponder to within 1m.

The STI-350 includes Surface Transponder Interrogator, Battery Charger, Pole Assembly, Directional Hydrophone, Cable Assembly, and Operations Manual.

SPECIFICATIONS

Passive Mode	
Receiver Bandwidth	25 to 45kHz in 1kHz increments
Active Mode	
Transmit Frequency	26kHz
Receive Frequency	27,28,29,30,31,32,33, 34kHz
Acoustic Output	180db
Acoustic Signal	Coded
System Range	750 metres
Electronic Compass	
Accuracy	<0.5° to 1.5° RMS
Repeatability	± 0.3°
Transducer/Hydrophone	Directional
Display	LCD
Graphic User Interface	Range or Signal Strength, . Compass Bearing, Bearing Indicator to Target, Channel Indicator, Low Battery
Control Switches	Sealed Switches
Battery	Rechargeable
Operational Life	8 hours
Pole Assembly	3m Length
Cable Assembly	6m with connectors
Housing	Waterproof to IPX4
Size	28cm(L) x 25cm(W) x 13cm(H)
Weight In Air:	2.9Kg

Specifications are subject to change without notice

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