



STI-350 Surface Acoustic Receiver System



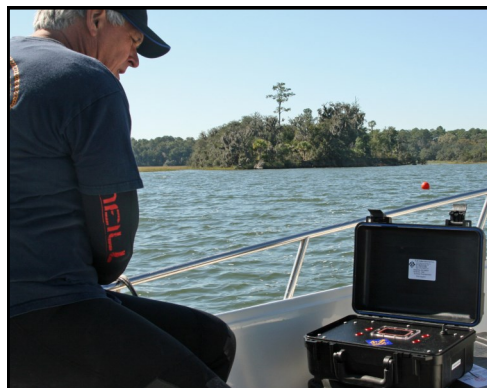
- ◆ Tracks beacons and transponders from the surface
- ◆ Waterproof housing
- ◆ Adjustable staff assembly
- ◆ Small and compact
- ◆ Easy to operate

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

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

The STI-350 can also track and locate transponders which are designed to work with the receiver. The ATT-400 transponder allows the diver to mark targets underwater and relocate them up to 750 meters (2,461ft) away. Once an ATT-400 has been interrogated, the STI-350 provides accurate range and bearing to the transponder to within 1 meter (3ft). Because the ATT-400 can be programmed to operate on eight (8) different channels, the STI-350 can relocate eight different locations simultaneously.

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



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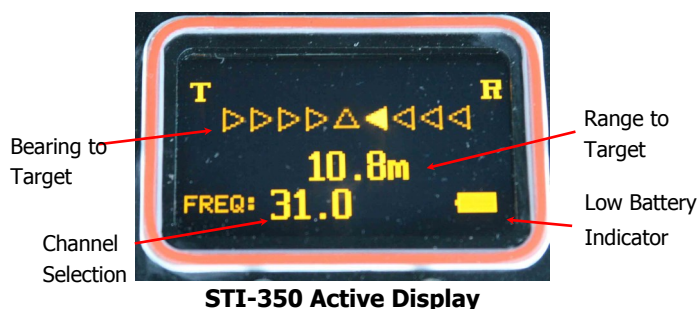
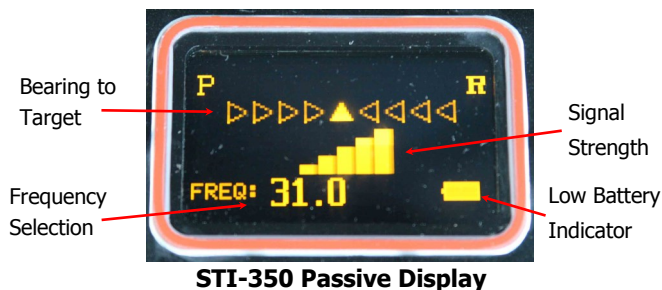
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SPECIFICATIONS

Passive Mode	
Receiver Bandwidth	25 to 45kHz in 100Hz increments
Active Mode	
Transmit Frequency	26kHz
Receive Frequency	27,28,29,30,31,32,33, 34kHz
Acoustic Output	190dB
Acoustic Signal	Coded
System Range	750 meters (2,461ft)
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	6 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: 4.3kg (9.5lbs)

Specifications are subject to change without notice



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