



STI-350 Surface Acoustic Receiver System



STI-350

SPECIFICATIONS

Passive Mode

Receiver Bandwidth: 8 to 45kHz in 100Hz increments

Active Mode

Transmit Frequency: 26kHz

Receive Frequency: 25,27,28,29,30,31,32,33,34kHz

Acoustic Source Level: 190dB

System Range: 750 meters (2,461ft)

Display: LCD

Graphic User Interface: Range or Signal Strength, Compass Bearing, Bearing Indicator to Target, Frequency Indicator, Low Battery

Controls: Piezoelectric Switches

Battery: Rechargeable NiMH

Operational Life: 6 hours

Staff Assembly: Anodized Aluminum, four (4) 27" (0.7m) sections

Surface Box: UK613 Case

Housing: Waterproof to IPX4

Surface Box Dimensions:

35.5cm(L) x 26.5cm(W) x 15cm(H)

14in(L) x 10.5in(W) x 6in(H)

Weight-Deck Box: 4.4kg (9.5lbs)

Weight-Staff Assembly w/Hydrophone:

6.6kg (14.5lbs)

- ◆ **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 8 to 45kHz. The STI-350 display provides the operator signal strength and bearing to the selected acoustic beacon.

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 frequencies, the STI-350 can relocate eight different locations simultaneously.

The STI-350 comes standard with a directional hydrophone but can be ordered with an omnidirectional hydrophone as well.

Specifications are subject to change without notice

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