



Highly Accurate HF LBL System

Broadband Acoustic Spread Spectrum Technology

Main Features

- Improved Accuracy and reduced cost
- Broadband Acoustic Spread Spectrum Technology**
- State of the art DSP technology
- Broadband transducer technology
- Sophisticated self-calibration function
- Power efficient transponder
- Integrated acoustic communication capability

System Specifications

- Accuracy: 0.05 to 0.5 meters
- Range: Up to 1000 meters
- Transceiver Depth Rating: 1500 or 4000 meters
- Transducer Beamwidth: Omni-directional (210 degrees)
- Operating Frequency: 26.77 to 44.62 kHz
- Transceiver Dimension: 13 cm x 23 cm
- Transceiver Transmit Power: 6 watts
- Voltage: 18V – 28V
- Operating Temperature: -5 to 45°C
- Storage Temperature: -25 to 75°C
- Transceiver Weight out of Water: 4.0 kg

Intelligent Transponder Specification

- Transponder beamwidth: Omni-directional (210 degrees)
- Operating Frequency: 26.77 to 44.62 KHz
- Depth Rating: 1500 or 4000 meters (optional)
- Transmit power: 32 watts
- Receive power: 0.8 watt
- Sleep Mode Power Consumption: 8 mwatts
- Continuous Responding Time: 8 x 24 hours
- Operational Time: 2 years
- Dimension: 13 cm x 50 cm
- Weight out of water: 8.1 kg
- Configurable Address: 32
- RS-232 Configuration: 9600 Baud, 1 start bit, 1 stop bit, no parity bit, and no flow control
- Optional: High Speed Communication
- Optional: Self-calibration function



LinkQuest Inc.

6339 Nancy Ridge Drive, San Diego, CA 92121
 Tel: (858) 623-9900 Fax: (858) 623-9918
 sales@link-quest.com http://www.link-quest.com