

TrackPoint 3P

Portable Ultra Short Base Line Acoustic Tracking System

Very Portable and Very Accurate

- User friendly interfaces
- Calibrated for improved accuracy
- Compatible with Windows 98, NT, 2000, and XP
- Rugged and Reliable
- Runs on 90 to 250 VAC
- 4 target sequential tracking



The TP3P is the most versatile low cost acoustic tracking system available anywhere. This system is manufactured to be extremely rugged for use in small boats. The TP3P packaging is both water resistant and light weight for portability. The software is user friendly and intuitive. The interface is standard RS/232 to a PC running a compatible Windows operating system. The TP3P is calibrated for exceptional accuracy.



*What you do underwater is your business...
... Helping you do it better is ours*

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Specifications

TrackPoint 3P

System Performance

Transponder / Responder: Absolute accuracy in horizontal position (over entire hemisphere) (does not include motion)	+/- 0.75% RMS of slant range
Repeatability Accuracy: (does not include motion)	+/- 0.5% RMS of slant range
Azimuth resolution:	0.1 degree
Slant range accuracy:	+/- 0.3 meters RMS (with correct sound speed)
Slant range resolution:	0.3 meters
Signal to noise ratio:	40 dB @ WB filter
Receive frequency:	22 to 30 kHz in 1 kHz increments
Transmit frequency:	17 to 21 kHz in 500Hz increments (400 Watt transmit output)
Receive pulse width:	1.3 milliseconds minimum
Transmit pulse width:	1 to 15 milliseconds

Operational controls via supplied software

Target selection	Interrogation rate
Tracking On/Off	Scaling (feet, meters, yards)
Target type	Filtering levels
Receive threshold	Frequencies and pulse widths

Weights and dimensions

Deck Unit (4430C)	L 16 in (40.6 cm) x W 13 in (33 cm) x D 7 in (17.5 cm) 17 lbs (7.7 kg)
Hydrophone (4213C)	L 20 in (50.8 cm) Diameter 2.9 in (7.4 cm) 10 lbs (4.5 kg)
Cable (4113C)	L 50 ft (15 meters) diameter .5 in (1.3 cm) 8 lbs (3.6 kg)



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