

200 Series Micro Beacon



Key Features

- User replaceable 9V batteries
- Compatible with Easytrak and almost all industry standard tracking systems operating worldwide
- Can be supplied with a remote transducer

200 Series Micro Beacons are ideal for use in shallow water environments, operation in a confined space or for applications not requiring a high level of power output.

The 200 Series beacons combine small size with long battery life, enabling objects to be tracked in applications where the use of larger beacons would not be possible. For example, the Micro's slim profile makes it perfect for use by divers, or attached to eyeball ROV's, small side scan tow-fish or for taut wire applications.

Applications

- General purpose tracking and positioning applications
- Diver tracking
- Static and dynamic operations eg small ROV and sidescan sonar.

Technical Specification

MODEL TYPES – PHYSICAL SPECIFICATION

Housing material; Hard anodised aluminium

	Beam Pattern	SPL	Survival Depth	Diameter	Length	Weight air/water
219A	±90°	180dB	600m	50mm	248mm	700/280g
229A	±90°	183dB	3000m	50mm	310mm	820/330g

ELECTRICAL SPECIFICATION

Battery 219A: 2 x 9V
 229A: 4 x 9V

200 Series Micro Beacon Technical specification continued...

Battery type	Non re-chargeable; 550mAh Alkaline PP3/6LR61/Duracell MN1604 or equivalent
Listening life	219A: 30 days 229A: 60 days
Operational life	Dependent on pulse rate and operational mode 219A: 30 hours at 1.0pps 229A: 30 hours at 1.0pps Operational life reduced when used with non AAE USBL systems

Configuration

Transmit frequency range	25 - 32.5kHz
Receive frequency range	16 - 26kHz
Turn around time	15/30ms dependent on channel selection
Transmit pulse width	1.5/10ms dependent on channel selection

USBL COMPATIBILITY

AAE Nexus	Spread Spectrum systems
AAE Easytrak	All models, tone systems
Kongsberg	HPR/HiPAP
ORE/Edgetech	USBL
Sonardyne	USBL

OPTIONS

Compatibility with USBL systems not listed above

Model 229A survival depth to 4000m

Remote transducer (supplied with Model BCN-0210A electronic bottle);
RM90V, omni-directional, depth rated to 600m or
RM90S, omni-directional, depth rated to 1000m
Interconnect cable, 600mm as standard

Please consult the AAE sales team for further information



Due to continual product improvement, specification information may be subject to change without notice.
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