

200 Series Mini Beacons

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 Micro Beacons combine small size with long battery life, enabling objects to be tracked in applications where use of larger beacons would simply 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 towfish or for taut wire applications.



Model 229A



Model 219A

Key Features

- Have easily available user-replacement 9v alkaline batteries.
- Are compatible with Easytrak and almost all industry tracking systems operating worldwide.
- Can be supplied with a remote transducer.

Model Types – Physical Specification						
Housing Material; Hard anodised aluminium						
	Beam Pattern	SPL	Diameter	Length	Survival Depth	Weight air/water
Model 219A#	+/- 90°	180 dB	50mm	248mm	600m	700g/280g
Model 229A#	+/- 90°	183dB	50mm	310mm	3000m	820g/330g
Electrical Specifications						
Battery*						
Quantity				Model 219A: 2 x 9v Model 229A: 4 x 9v		
Type				Non-rechargeable; 550mAh Alkaline pp3/6LR61/Duracell MN1604 or equivalent		
Listening Life				Model 219A: 30 days Model 229A: 60 days		
Operational life				Dependent on pulse rate Model 219A: 30 hours at 1.0pps Model 229A: 30 hours at 1.0pps		
Configuration						
Transmit frequency range				25-32 kHz		
Receive frequency range				16-26 kHz		
Turn around time				15/30/60mS dependent on channel		
Transmit pulse width				1.5/10mS dependent on channel		
Compatibility						
Tracking System		Easytrak		Available Channels		Transponder/Responder
		Simrad HPR300		8		Transponder only
		Simrad HPR400		14		Transponder only
		Simrad HPR400		14 + 56		Transponder only
		Simrad HIPAP		56		Transponder only
		Sonardyne USBL		14		Transponder only
		ORE Trackpoint II		Any within band		Transponder only
		ORE LXT		Code 2-5		Transponder only
Pinger				Any within band @ 2 pulses per second		
Emergency Pinger				37.5kHz@2 pulses per second		
Options						
Survival depth to 4000m						
Remote transducer						

NOTES

** As advances in battery technology allow, AAE's policy is to continually upgrade the batteries supplied. This increases both the listening life and the operational life of the beacons
Improved PRV. Product chassis secured by nylon screws for enhanced durability