



## 1200A Series Micro Beacon



The **1200A Series Micro Beacon** is ideal for use in shallow water environments, operation in a confined space or for applications not requiring a high level of power output.

The beacon has a Micro USB interface protected by a rugged waterproof cap that allows channel selection and battery recharging without opening the housing.

### Key Features

- AAE Sigma Spread Spectrum technology
- USB PC connectivity
- Rechargeable NiMH batteries
- Charging via USB with onboard charge indicator
- Easy channel configuration via beacon editor app
- On/off sensor
- Legacy support for almost all industry USBL systems currently in use

### Applications

- General purpose tracking and positioning applications
- Diver tracking
- Static and dynamic operations e.g. 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)
<b>1219A</b>	±90°	183dB	600m	52mm	248mm	848/361g



# 1200A Series Micro Beacon Technical Specification

## ELECTRICAL SPECIFICATION

### Battery

Battery type	Rechargeable; NiMH
Charge Time	Computer USB port: 8 hours maximum Mains USB dedicated charge port : 4.0 hours maximum Charge status indicator
Listening life	30 days minimum (at 2°C)
Operational life	Dependent on pulse rate and operational mode 30 hours at 1.0pps (AAE Spread Spectrum mode) Operational life reduced when used with non AAE channels

### USB

Connector	Micro USB
Supported Modes	USB 1.1/2.0 (driver required)

### Configuration

Set-up	AAE Beacon Editor software
Transmit frequency range	21.5 - 30.5kHz
Receive frequency range	16 – 26.5kHz
Turn around time	Dependent on channel selection
Transmit pulse width	Dependent on channel selection

## USBL COMPATIBILITY

AAE Nexus	
AAE Easytrak	
AAE V-Nav	
Kongsberg	HPR/HiPAP
iXblue	GAPS
Sonardyne	USBL

## OPTIONS

- Compatibility with USBL systems not listed above



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