Stationary Monitoring Receiver / Stationary Positioning Receiver

Capable of receiving and recording signals from multiple Gold Code pingers simultaneously

The Stationary Monitoring Receiver is designed to receive signals from the AQPX series of Gold Code Pingers; a series of pingers that transmit Gold Codes which are Pseudo Noise(PN) codes with minimal interference among signals.
With a correlator FDC-1024 installed, this receiver is capable of receiving and recording the receiving time, pinger ID, correlation value, etc. from multiple pingers simultaneously. All information received will be recorded to a SD card.

The Stationary Positioning Receiver can send signals at reserved time, with a pinger function installed.
By placing three or more receivers, it can identify the positions of pingers attached to fishes, and the positioning area can be extended by increasing the number of pingers.

*Gold Code is a Pseudo Noise (PN) code with minimal interference among signals

Specifications

	Stationary Monitoring Receiver [AQRM-1000]	Stationary Positioning Receiver [AQRM-2000]
		
Compatible Pingers	62.5kHz (AQPX series- pingers)	
Data Recording	Receiving Time, Receiving Codes (32 codes), Correlation Value	
Data Storage	3MB/day (180MB/2mths)	
Recording Media	Use San Disk SD card for best results (up to 16GB)	
Correlation Processing	Cross-correlation with specified Aqua Sound IC codes	
Max. Depth	5MPa (Approx. 500m)	2MPa (Approx. 200m)
Size	ϕ64×300 mm	ϕ90×390 mm
Weight in air	1.2kg	2.6kg
Weight in water	0.5kg	0.2kg
Power Supply	3 D cell batteries	6 D cell batteries
Battery Life	Approx. 2 mths	Approx. 4 mths

Compatible Pingers

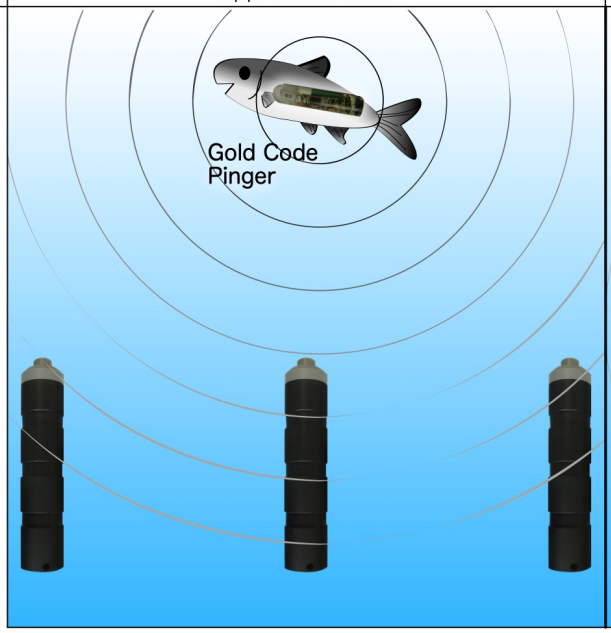
Gold Code Pingers
(AQPX series)

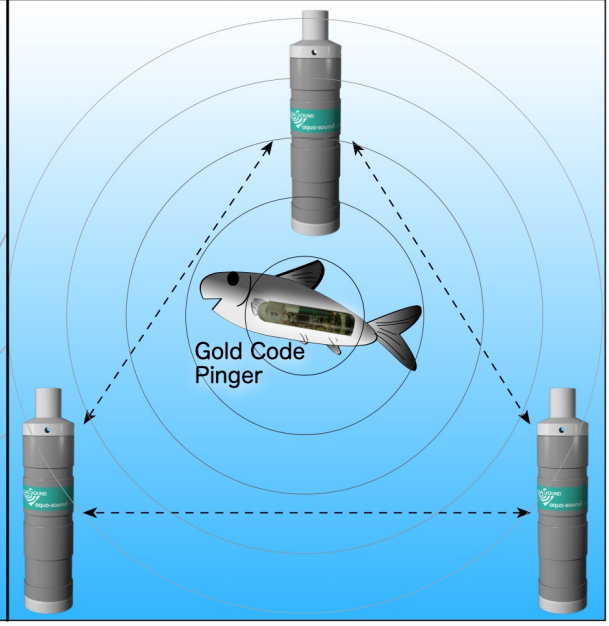
4 Functions in One Pinger

- One of the World Smallest
- Long Lasting Battery
- Long Distance (max. 500m)
- Multi IDs

[AQPX-1030P]
with depth sensor

[AQPX-1040PT]
with depth and temperature sensors





Meeting the needs of marine research by using Underwater Acoustic Technology

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Apr. 14, 2022