

# Omni-Directional Receiver [AQRX-4002]

## Capable of receiving real-time signals from 32 pingers simultaneously

With four receivers connected to the receiver, this system is capable of receiving 32 Gold Code signals simultaneously. It can also be connected to a computer and save raw data as CSV files using a compatible software and display real-time position and depth of pingers. Compatible pingers are the AQPX series of Gold Code Pingers. They are the world smallest pingers equipped with depth and temperature sensors.

**Ideal for behavior studies and researches on small fishes using ultrasonic biotelemetry**

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

Code	Receiver	Frequency	Time(sec)	Corr. Lvel
1	1	60	7659.496	292
1	1			
1	3			
1	4			
1	4			

Raw data

Storage

Up to 500m (\*1)

Multiple IDs can be used at one time.

Gold Code Pinger

Example of Recording Software

(\*1) depending on the surrounding noise, depth, etc.

### Specifications

Receiving Pinger	31.25kHz or 62.5kHz (AQPX series- pingers)
Receiving Channel	4 channels
Correlation Processing	Simultaneous Processing of 32 Gold Codes
Display	LCD display
Data Output	USB Output (Serial Data)
Data Recording	Receiving Code / Receiving Channel / Frequency / Receiving Time / Correlation Value
Power Supply	AC100~240V / DC9~24V (200mA)
Size	270×240×125mm
Compatible Receiver	φ45×40mm Cable 25m

### Compatible Pingers

4 Functions in One Pinger	
① Compact	One of the World Smallest
② Long Distance	Max. 500m
③ Long Lasting Battery	1 Year (depending on the pinger's transmitting interval)
④ Multi IDs	Multiple pingers can be identified simultaneously.

Pinger Equipped with Depth Sensor	Pinger Equipped with Depth and Temperature Sensors
Φ9.5×36mm	Φ9.5×43mm

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