AUSOMS series

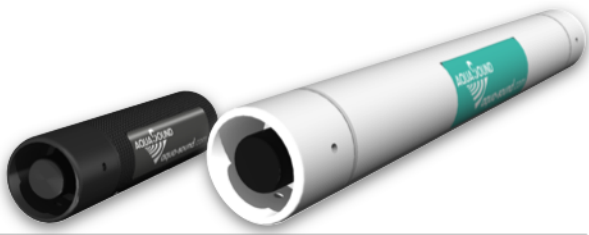
Automatic Underwater Sound Monitoring System

Recording Device, Power Supply and Hydrophones, ALL in One Waterproof Case and Stand-Alone Recording

This series is developed to meet the need for an All-in-One automatic underwater sound recording system that enables researcher to determine the positions of marine animals which can hardly be identified via observation.
AUSOMS is available in various sizes, all capable of stand-alone and long-duration recording.

Specifications





	Ultra-compact	100m Depth	1000m Depth	Stereo Sound Recording
	AUSOMS-micro [AQM-005]	AUSOMS-mini [AQM-002]	AUSOMS-mini Black [AQM-001]	AUSOMS-mini Stereo [AQM-003]
Operation Range	100Hz～20kHz	100Hz～23kHz		
Recording Format	Linear PCM	Linear PCM・MP3・WMA		
Recording Media	microSD card up to 16GB	4GB of internal memory microSD card up to 32GB		
Continuous Recording Time (*2)	24hours or more	9 days		29 days
Timer Recording	Reserving a starting time	Capable of reserving a timer up to 3 times a day		
Intermittent Recording	○			
Continuous Recording	○			
Power Supply	1 CR-2 lithium battery	4 AA alkaline batteries		2 D-size alkaline batteries
Waterproof Body	Polyacetal		Carbon fiber	Polyacetal
Size (*4)	φ22.5×100mm	φ53×206mm	φ55×222mm	φ60×419mm
Weight (*3) (in Air / in Water)	Approx. 44g / Approx. 14g	Approx. 450g / Approx. 85g	Approx. 525g / Approx. 73g	Approx. 1330g/ Approx. 230g
Max. Depth	300m	100m	1000m	100m

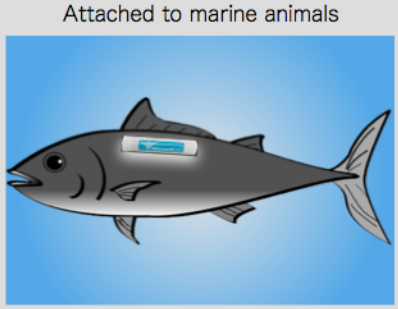
Examples of Usage

Attached on a belt

Hung vertically

Deployed at sea bottom

Attached to marine animals



Deployed at habitats

Photos provided by Teikyo Univ. Of Sci. Dr. Mori Kyoichi

Meeting the needs of marine research by using Underwater Acoustic Technology

AquaSound Inc.

URL http://aqua-sound.com/en/
E-mail info-en@aqua-sound.com

For more information on individual products and catalog, please contact us via e-mail.
Specifications are subject to change without notice.

Head Office・Kobe Research Center
4-1-1 Minatojima Nakamachi, Chuo-ku, Kobe
Hyogo, JAPAN
TEL +81-(0)78-599-6842 FAX +81-(0)78-599-6843

Kyoto Research Center
Kyoto University
Yoshida-honmachi, Sakyo-ku, Kyoto, JAPAN

Tokyo Research Center
Tokyo University of Marine Science and Technology
4-5-7 Konan, Minato-ku
Tokyo, JAPAN

Feb. 6, 2017