

## Recording Device, Power Supply and Hydrophones<sup>(\*)1</sup>, ALL in One Waterproof Case<sup>(\*)2</sup> & 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



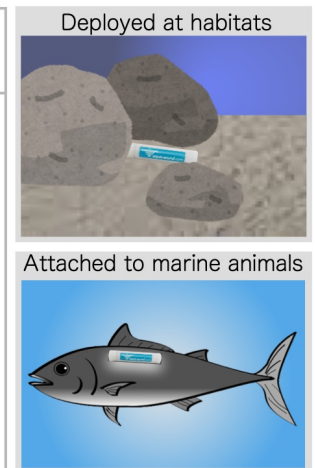
Product Name		AUSOMS-micro	AUSOMS-mini	AUSOMS-mini-LN	AUSOMS-mini-Plus		
Model No.		AQM-005	AQM-112	AQM-302	AQM-007		
Feature		Ultra-compact	Compact	Self-noise reduction Hydrophone calibration	Simultaneous recording of 2 frequencies Long-duration recording		
Frequency Range	Middle	—	—	25Hz - 45kHz	1 kHz - 60kHz		
	Low	20Hz - 20kHz	50Hz - 16kHz	25Hz - 20kHz	10Hz - 20kHz		
ADC (Sampling Rate / Resolution)		44.1 kHz	12bit	96kHz 88.2kHz	24bit	192kHz 176.4kHz	24bit
				48kHz 44.1kHz	24bit 16bit	96kHz 88.2kHz	24bit
				44.1kHz Mono	16bit	48kHz 44.1kHz	16bit
Recording Format		Linear PCM(WAV)	Linear PCM(WAV) · MP3 · FLAC		Linear PCM(WAV) · MP3		
Intermittent Recording		○	×		×		
Max. Depth		300m	100m		500m		
Size (*3)		φ22.5×100mm	φ56×229mm	Middle: φ56×218mm Low: φ56×229mm	φ102×375mm		
Weight (in Air/in Water) (*4)		Approx.44g / Approx. 14g	Approx.543g / Approx.50g	Middle:Approx.466g / Approx.10g LOW:Approx.516g / Approx.23g	Approx.5.5kg / Approx.3kg		
Continuous Recording Time		24hours or more	9 days(*5)	4 days(*6)	Approx. 2 weeks		
Power Supply		1 CR-2 lithium battery	4 AA alkaline batteries	2 AA alkaline batteries 1 CR2450 lithium battery	12 rechargeable lithium batteries		

(\*1) underwater microphone (\*2) AUSOMS-mini-Plus use external hydrophones. (\*3) excluding projection (\*4) including battery weight (\*5) <In case of the following recording settings> SD card: 64GB, Recording format: Linea PCM, Sampling frequency: 44.1kHz, Monaural (\*6) <In case of the following recording settings> SD card: 32GB, Recording format: Linea PCM, Sampling frequency: 44.1kHz, Monaural

### AUSOMS-V SERIES

Available in various sizes and performances for different applications

AUSOMS-V6.0 [AQS-060]	AUSOMS-V5.0 [AQS-051]
<p>Simultaneous recording of 2 frequencies Rich in reproducibility and workability</p>	<p>Capable of long-term stereo recording Rich in reproducibility and workability</p>



Meeting the needs of marine research by using Underwater Acoustic Technology

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Specifications are subject to change without notice.