

Product Catalogue

2025



Accurate. Simple. Reliable.

World Leader in Underwater Listening.

This is a catalogue of smart hydrophones, software and accessories.

To maximize the use of our icListen hydrophone, we offer a number of deployment products and packages for our users.

More than just a tool, the icListen opens up a range of opportunities across a spectrum of sectors – from Energy to Defense, Science, Construction to Transportation, and Regulation.

At Ocean Sonics, we're passionate about listening. From the shores of Nova Scotia, Canada, we work everyday to give our oceans a voice.



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icListen Listening Kit

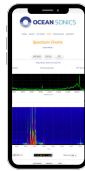
Simply deploy the icListen hydrophone using the icListen Listening Kit. The Kit offers everything you need to start shallow and deep-water recording. Record accurate and reliable data with ease.

Includes: Launch Box, icListen, Lucy II, Cable, Guard

Product Code:

icListeningKit

Hydrophone and cables will vary based on deployment.



Acoustic Buoy Listening Kit

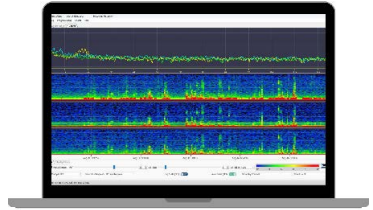
The Acoustic Buoy Listening Kit offers a complete solution for monitoring underwater radiated noise, marine mammals, and construction noise. Simplify your deployments with this combination of products and collect the data you need for your projects.

Includes: Acoustic Buoy, icListen, Cable, Lucy II, In-line Hydrophone Guard

Product Code:

icListenBuoyKit

Hydrophone and cables will vary based on deployment.



Fyrefin Tow Body

Fyrefin is a tow body used to isolate the hydrophone recording from the sounds of the towing vessel. Enhance your towed recordings by using the Fyrefin Tow Body package.

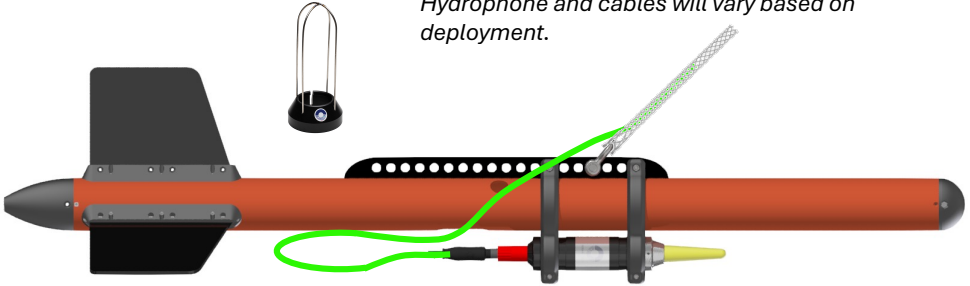


Includes: Tow Body, Launch Box, icListen, Cable, Cable Grips, Lucy II, Guard

Product Code:

FyreFinKit

Hydrophone and cables will vary based on deployment.



Shallow Water Tripod Kit

Deploy an autonomous hydrophone array using the Shallow Water Tripod Kit. The Subsea Tripod allows for sound localization, tracking, and detection. Hydrophone separation can be adjusted up to one meter.

Includes: Tripod, icListen (4), Cable, Battery Pack, Guard (4)

Product Code:

TripodKit

Hydrophone and cables will vary based on deployment.



Hydrophones

icListen HF



icListen Smart Hydrophones are the world's first smart digital hydrophones. The icListen can be used for real-time listening and event detection, or as an acoustic recorder.

HF Frequency: 10 Hz to 200 kHz

Product code:

SJ9-ETH (900m depth) ALTA Sensor*

SJ35-ETH (3500m depth) ALTA Sensor

SJ60-ETH (6000m depth) ALTA Sensor

Data: FFT, Waveform

Communication: Ethernet

Storage: 1 TB

*Options: X2 High intensity sound option

icListen AF



AF Frequency: 10 Hz to 12 kHz

Product code:

SK9-ETH (900m depth) ALTA Sensor*

SK35-ETH (900m depth) ALTA Sensor*

Data: FFT, Waveform

Communication: Ethernet

Storage: 1 TB

Software

Lucy II



Lucy II is the newest and flagship software application designed for icListen hydrophone arrays. Find, setup and operate an array of one or more hydrophones directly on your windows device. Store and manage data. View and interpret processed acoustic data.

Base version of Lucy II included with all icListen purchases.

Marco



Marco software is used to find and check the status of your icListen hydrophones on your network. Use it on your laptop to launch the icListen or instrument web server.

Marco software included with all icListen purchases.

Talk Assistant

Talk Assistant software program is used to setup the icTalk. It should be used when there is an icTalk connected to a computer. Set up sound (patterns) on icTalk such as click, tones and sweeps.



Talk Assistant included with all icTalk purchases.

PAMGuard Plug-In

PAMGuard Plug-In makes PAMGuard software compatible with the icListen hydrophone. The PAMGuard software is the industry standard for marine mammal monitoring. It allows the icListen to stream data in real-time for detection and measurements on sound data.



Accessories

icTalk



icTalk HF Smart Projector makes high frequency underwater sounds such as pulses, tones, and clicks.

Frequency: 10 kHz – 200 kHz

Product code:

TJ9-SER-4F (900m depth) ALTA

TJ35-SER-4F (3500m depth) ALTA

Communications: USB to Serial (RS-485)

Battery Pack



Battery Packs extend the deployment time of icListen hydrophones. Easy to handle and carry, the Battery Pack can connect and supply multiple hydrophones with power and synchronization.

Product code:

JP2-B1 (200m depth) Alkaline

JP2-B3 (200m depth) Alkaline/Lithium

JP9-B3 (900m depth) Alkaline/Lithium

Power: 72 D Cell Batteries

Battery for one hydrophone:

Alkaline (45 continuous days)

Lithium (135 continuous days)

Rechargeable Battery Pack



Rechargeable Battery Pack is a small, easy to handle pack that can extend a single icListen deployment time for us to two days.

Product code:

BR2-B2 (200m depth)

Battery capacity: 100 Wh

Acoustic Buoy



Ocean Sonics Acoustic Buoy is used for drifting or moored deployments using one or more hydrophones. or moored deployments and hydrophone arrays. Easy to handle and deploy from a small craft. Send data via WiFi directly to your personal computer, tablet, or smartphone. Provides WiFi, GPS Synchronization and position.

Product code:

BOS*

Power: 72 D Cell Batteries

Battery: Nominal endurance Alkaline (7 days),
Lithium (15 days)

Communication: Radio

Iridium Capable

*Options: Upgrade includes 48 V Upgrade and Long-Range Radio Kit Upgrade.

Launch Box



Launch Box removes the cable connection between your laptop and icListen hydrophone. Wirelessly send data via WiFi directly to your personal computer, tablet, or smartphone. Supplies WiFi, Power, and GPS Time Synchronization to an icListen hydrophone(s). Records GPS position for moving deployments.

Product code:

BL-B4-GPS

Battery: Two and a half days of power to icListen

GPS Time Synchronization



GPS Time Synchronization is used to synchronize hydrophones with time for GPS. It can also be used for GPS positioning while integrated with the system recording positions.

Product code:

TM-20-SER-4F (20m cable)

TM-50-SER-4F (50m cable)

Hydrophone Mini Mux



Hydrophone Mini Multiplexers create arrays with modular ability by acting as an ethernet connection at various depths. They can also be connected using a range of cable lengths.

Product code:

CS9-ETH (900m depth) 2 Hydrophones
CS35-ETH (3500m depth) 2 Hydrophones

Hydrophone Mux



Connect up to six hydrophones on a single ethernet host connection using the Hydrophone Multiplexer. Create arrays with modular ability at various depths while maintaining power and synchronization.

Product code:

CS2-ETH-04 (200m depth) 3 Out*
CS2-ETH-05 (200m depth) 4 Out* [Photo]
CS2-ETH-06 (200m depth) 5 Out*
CS2-ETH-07 (200m depth) 6 Out*

*Option: 3500m depth available

Smart Cable

Smart cables create arrays by synchronizing up to four icListens through ethernet using a single cable. Various lengths and number of hydrophones are available.



Product code:

CS2-ETH (200m)

Ethernet Repeater

Ethernet repeater overcomes the limitation of subsea ethernet by allowing multiple cables to be connected, increasing the overall cable run in a series up to 400m.

Product code:

CS2-R (200m depth)

CS9-R (900m depth)

CS35-R (3500m depth)



Extension Cables

Extension cables transfer data, synchronize, and power for real time deployments. These work with all Ocean Sonics hydrophones and deployment accessories.

Product code:

C2-8F8-Length-EXT (200m depth)
Lengths: 5m, 10m, 20m, 30m, 50m, 70m

C35-8F8-Length-EXT (3500m depth)
Lengths: 20m, 50m, 70m, 100m



Guards

Guards are used to protect your iCListen hydrophone elements from getting damaged as well as providing alternative mounting and handling options.

Product code:

GUARD



GUARD-HD



GUARD-HD-T



GUARD-HD-F



Subsea Tripod

Subsea Tripod is used to deploy hydrophone arrays allowing for sound localization. Hydrophone separation can be adjusted up to one meter.

Product code:

TRIPOD

Options: Fixed separations include 0.5, 0.75, and 1.0 meters



Float Collar

Float collar is used when deploying from the sea bottom. It can be set to a known offset from the bottom using a known rope length. Designed for the icListen hydrophone to fit inside, the float collar needs only 10 kg to hold it in place.

Product code:

FC15 (1500m depth)



Cable Grips

Cable grips are used on extension cables to take the strain off the connectors.

Product codes:

CableGrip

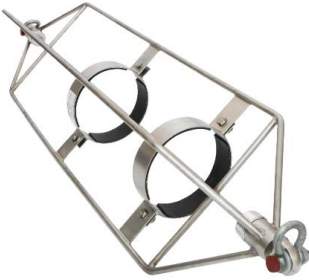


Inline Battery Pack Frame

Inline battery pack frame simplifies deployments and protects the battery pack during deployments and recoveries. Useful for bottom moorings or surface moorings.

Product code:

BP-INLINE



Inline Hydrophone Frame

Inline hydrophone frame simplifies underwater moorings and protects hydrophones during deployments and recoveries. The vibration isolation mounts ensure quiet operations. Useful for bottom moorings or surface moorings.

Product code:

H-INLINE



Pistonphone

Simplify field calibration checks with a Pistonphone.

Product code:

PISTONPHONE – Gras 42AC

PISTONPHONE – Gras 42G



Pistonphone Coupler

Use a Pistonphone Coupler to connect to your icListen.

Product code:

42AC-RB (GRAS-R)

42AC-SJ (GRAS-ALTA)

42AC-SC (GRAS-GTI)

42AG-SC (GRAS42G-SC)

42AG-RB (GRAS42G-RB)

42AG-SJ (GRAS42G-SJ)



Reach out to our team for more information
about our products!





OCEAN SONICS