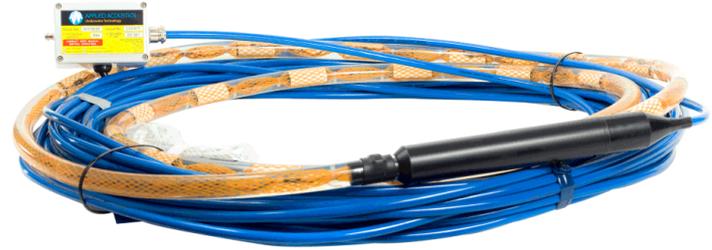


# Streamer Hydrophones



## Key features

- Filled with silicon oil for neutral buoyancy
- Supplied with robust 50m tow leader as standard
- Complete with pre-amplifier
- Standard models and customised units with grouped elements available
- Medium frequency and low frequency versions

## Streamer Hydrophones Overview

High quality streamer hydrophones available as 1, 8, 12 or 20 element MF designs and 24 element LF design. Each is supplied with a pre-amplifier and connectors for standard seismic acquisition systems.

## Technical Specification

### Streamer hydrophone, fluid filled with multi-elements

Model number	HYD-000/01 (50m)	HYD-360/08 (50m)
Tow leader	50m	50m
Array Tube type	Polyurethane	Polyurethane
Array tube length	4.5m	4.5m
Number of elements	1	8
Element spacing	n/a	360mm
Array sensitivity	-187dB ref 1V per $\mu$ Pa	-169dB ref 1V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9V alkaline, PP3/MNI604	Battery, 9V alkaline, PP3/MNI604

Frequency response	140Hz to 10kHz (-3dB)	140Hz to 10kHz (-3dB)
Signal output	Up to 8V peak to peak	Up to 8V peak to peak
Preamp	Single ended, fixed gain	Single ended, fixed gain
Connector type	BNC, 50/75 ohm cable can be used	BNC, 50/75 ohm cable can be used

## ELEMENTS

Dimensions	55 x 16 x 10 mm	55 x 16 x 10 mm
Sensitivity	-187dB ref 1V per $\mu$ Pa	-187dB ref 1V per $\mu$ Pa
Depth recoverable	30m max	30m max
Operating depth	Typical 10m maximum	Typical 10m maximum
Type	Non acceleration cancelling	Non acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Model number	HYD-250/12 (50m)	HYD-150/20 (50m)
Tow leader	50m	50m
Array Tube type	Polyurethane	Polyurethane
Array tube length	4.5m	4.5m
Number of elements	12	20
Element spacing	250mm	150mm
Array sensitivity	-165dB ref 1V per $\mu$ Pa	-161dB ref 1V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9V alkaline, PP3/MNI604	Battery, 9V alkaline, PP3/MNI604
Frequency response	140Hz to 10kHz (-3dB)	140Hz to 10kHz (-3dB)
Signal output	Up to 8V peak to peak	Up to 8V peak to peak
Preamp	Single ended, fixed gain	Single ended, fixed gain
Connector type	BNC, 50/75 ohm cable can be used	BNC, 50/75 ohm cable can be used

## ELEMENTS

Dimensions	55 x 16 x 10 mm	55 x 16 x 10 mm
Sensitivity	-187dB ref 1V per $\mu$ Pa	-187dB ref 1V per $\mu$ Pa
Depth recoverable	30m max	30m max
Operating depth	Typical 10m maximum	Typical 10m maximum
Type	Non acceleration cancelling	Non acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Model number	HYD-365/20 (50m)	HYD-610/24 (50m)
Tow leader	50m	50m
Array Tube type	Polyurethane	Polyurethane
Array tube length	10m	14m
Number of elements	20	24
Element spacing	365mm	610mm
Array sensitivity	-161dB ref 1V per $\mu$ Pa	-162dB ref 1V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9V alkaline, PP3/MNI604	24Vdc
Frequency response	140Hz to 10kHz (-3dB)	115Hz to 7.2kHz (-3dB)
Signal output	Up to 8V peak to peak	Up to 8V peak to peak
Preamp	Single ended, fixed gain	Differential output, link adjustable gain
Connector type	BNC, 50/75 ohm cable can be used	BNC, 50/75 ohm cable can be used

## ELEMENTS

Dimensions	55 x 16 x 10 mm	53 x 20mm
Sensitivity	-187dB ref 1V per $\mu$ Pa	-192dB ref 1V per $\mu$ Pa
Depth recoverable	30m max	30m max
Operating depth	Typical 10m maximum	Typical 10m maximum
Type	Non acceleration cancelling	Acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Other element configurations and tow leader lengths are available to order