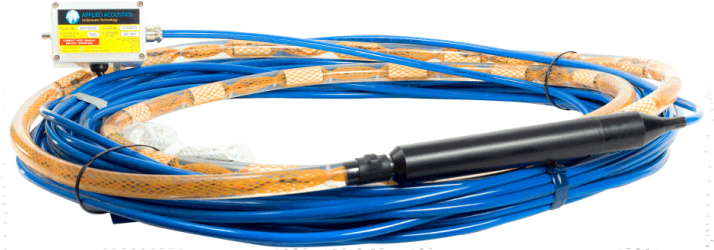


# Streamer Hydrophones



## Key features

- Filled with silicon oil for neutral buoyancy
- Supplied with robust 50 m 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 (50 m)	HYD-360/08 (50 m)
Tow leader	50 m	50 m
Array Tube type	Polyurethane	Polyurethane
Array tube length	4.5 m	4.5 m
Number of elements	1	8
Element spacing	n/a	360 mm
Array sensitivity	-187 dB ref 1 V per $\mu$ Pa	-169 dB ref 1 V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9 V alkaline, PP3/MNI604	Battery, 9 V alkaline, PP3/MNI604
Frequency response	140 Hz to 10 kHz (-3 dB)	140 Hz to 10 kHz (-3 dB)
Signal output	Up to 8 V peak to peak	Up to 8 V 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	-187 dB ref 1V per $\mu$ Pa	-187 dB ref 1V per $\mu$ Pa
Depth recoverable	30 m max	30 m max
Operating depth	Typical 10 m maximum	Typical 10 m maximum
Type	Non acceleration cancelling	Non acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Model number	HYD-250/12 (50 m)	HYD-150/20 (50 m)
Tow leader	50 m	50 m
Array Tube type	Polyurethane	Polyurethane
Array tube length	4.5 m	4.5 m
Number of elements	12	20
Element spacing	250 mm	150 mm
Array sensitivity	-165 dB ref 1 V per $\mu$ Pa	-161 dB ref 1 V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9 V alkaline, PP3/MNI604	Battery, 9 V alkaline, PP3/MNI604
Frequency response	140 Hz to 10 kHz (-3 dB)	140 Hz to 10 kHz (-3 dB)
Signal output	Up to 8 V peak to peak	Up to 8 V 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	-187 dB ref 1V per $\mu$ Pa	-187 dB ref 1V per $\mu$ Pa
Depth recoverable	30 m max	30 m max
Operating depth	Typical 10 m maximum	Typical 10 m maximum
Type	Non acceleration cancelling	Non acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Model number	HYD-365/20 (50 m)	HYD-610/24 (50 m)
Tow leader	50 m	50 m
Array Tube type	Polyurethane	Polyurethane
Array tube length	10 m	14 m
Number of elements	20	24
Element spacing	365 mm	610 mm
Array sensitivity	-161 dB ref 1 V per $\mu$ Pa	-1621 dB ref 1 V per $\mu$ Pa
Fluid type	Polydimethylsiloxane, PMX561	Polydimethylsiloxane, PMX561
Power	Battery, 9 V alkaline, PP3/MN1604	24 V DC
Frequency response	140 Hz to 10 kHz (-3 dB)	115 Hz to 7.2 kHz (-3 dB)
Signal output	Up to 8 V peak to peak	Up to 8 V 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 20 mm
Sensitivity	-187 dB ref 1 V per $\mu$ Pa	-192 dB ref 1 V per $\mu$ Pa
Depth recoverable	30 m max	30 m max
Operating depth	Typical 10 m maximum	Typical 10 m maximum
Type	Non acceleration cancelling	Acceleration cancelling
Resonance	@ 9 kHz	@ 9 kHz

Other element configurations and tow leader lengths are available to order