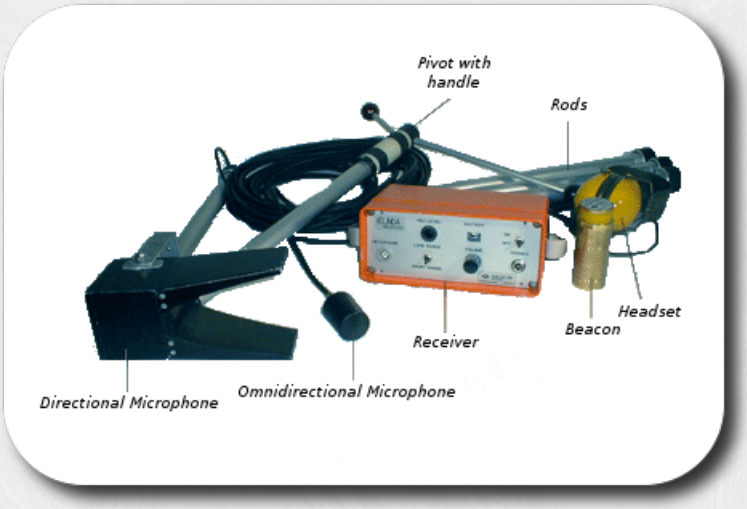
LINDA UNDERWATER PINGER SYSTEM

The **handheld** acoustic **beacon receiver system** is intended for **location** of **underwater beacons (pingers)**. It guides the operator towards the beacon, presented as an **audible signal** through a **headset**.



LINDA underwater pinger system

THE SYSTEM

The system consists of either an **omni-directional hydrophone** for fast, wide area search or a **directional hydrophone** for pinpoint search, an **electronic unit** and a **headset**.

The LINDA **beacon** (sold separately or as part of the LINDA system) is an **underwater acoustic location beacon (pinger)** intended to facilitate **recovery** of **equipment** left or lost in the **sea**. Its small dimensions makes it **easy to mount** on ROVs, hydrophone arrays, containers etc.

TECHNICAL SPECIFICATIONS

Operating frequency*: 38 or 45 kHz
Pulse repetition rate: 500 - 2600 ms
Max. operating depth (pinger): 1000 m
Pulse length (pinger): 3 - 9 ms
Weight (pinger): 600 g
Weight (electronic unit): 3 kg
Weight (directional hydropphone): 3.5 kg
Activation (pinger): Water contact or timer
Acoustic output: -165 dB rel. $1\mu Pa$ @ $1m$
Acoustic sensitivity: 185 dB rel. $1\mu Pa$ @ $1m$
Dimensions (pinger): $\varnothing$ 45 mm, l 116 mm
Dimensions (electronic unit): 240x135x100 mm
Power source: 5 alkaline LR6 batteries
Directivity (directional hydrophone): $\pm$ 13° @ -6 dB

Other frequencies are available on request.

LINDA underwater location beacon (pinger)

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