

Datasheet

Vostok

underwater navigation system
Vostok-BASE homing beacon



DESCRIPTION:

Homing beacon VOSTOK-BASE allows solving the homing task for divers with VOSTOK-ACS acoustic compasses at a maximum distance of up to 8000 meters.

VOSTOK-BASE is placed in a high-strength plastic case and has a submersible acoustic antenna on the cable.

Extremely simple user interface and small dimensions, as well as the possibility of running an unlimited number of VOSTOC-ACS devices with the support of single VOSTOK-BASE homing beacon, make it unique among underwater navigation systems.

KEY FEATURES:

- Rugged, durable and easily noticeable plastic housing
- Simultaneous homing for an unlimited number of VOSTOK-ACS devices
- Acoustic range up to 8000 m
- Reliable and noise-immune technology of digital broadband acoustic communication
- Long battery life up to 24 hours

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TECHNICAL SPECIFICATION:

DIMENSIONS	259x202x115 mm
WEIGHT (w/o cable)	2.6 kg
ACOUSTIC RANGE (energetic)	8000 m
FREQUENCY BAND	5-15 kHz
BATTERY LIFE	Up to 24 hrs
CHARGING TIME (220 V 50-60 Hz)	10 hrs
VELOCITY OF THE RECEIVER RELATIVE TO THE BUOYS	+/- 1.8 m/s
WORKING TEMPERATURE RANGE	0..50 °C
BUILT-IN BATTERY TYPE	Lead-acid
ACOUSTIC TRANSMITTER CABLE LENGTH	5 m