



UNDERWATER  
COMMUNICATION & NAVIGATION  
LABORATORY

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11.11.2018 19:25:31

**VOSTOK**  
**Underwater navigation system**  
**VOSTOK-BASE homing beacon**

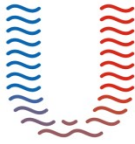
## **KEY FEATURES**

- **Rugged, durable and easily noticeable plastic case**
- **Simultaneous homing for an unlimited number of VOSTOK-ACS devices**
- **Direction finding up to 5000 m**
- **Distance measurement up to 2800 m**
- **Reliable and noise-immune technology of digital broadband acoustic communication**
- **Long battery life up to 12 hours**

Homing beacon VOSTOK-BASE allows solving the homing task for divers with VOSTOK-ACS acoustic compasses at a maximum distance of up to 2800 m.

VOSTOK-BASE is placed in 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 VOSTOK-ACS devices with the support of single VOSTOK-BASE homing beacon, make it unique among underwater navigation systems.



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## TECHNICAL SPECIFICATIONS

<b>DIMENSIONS</b>	259 x 202 x 115 mm
<b>WEIGHT (dry, w/o cable)</b>	2.6 kg
<b>MAX OPERATING RANGE (ranging)</b>	up to 2800 m
<b>MAX OPERATING RANGE (bearing)</b>	up to 5000 m
<b>FREQUENCY BAND</b>	5-15 kHz
<b>BATTERY LIFE</b>	up to 12 hours
<b>CHARGING TIME</b>	10 hours
<b>RX/TX MAX RELATIVE VELOCITY</b>	+/- 1.8 m/s
<b>WORKING TEMPERATURE RANGE</b>	0..50°C
<b>BUILT-IN BATTERY TYPE</b>	Lead-Acid
<b>ANTENNA'S CABLE LENGTH</b>	7 m
<b>PING PERIOD</b>	2 s