

KBS200 SBES

HYDROGRAPHIC ECHOSOUNDER FOR HIGH PRECISION BATHYMETRY

www.kordil.com

All in One Set



Optional



Portable Hydrographic Surveying System

KBS200 is a single frequency single-beam echosounder using Airmar EchoRange™ transducer, integrated into Kordil Bathymetry Studio software and computer system.



Package Content

- Robust & shock resistant transport case
- PC with Windows 11 OS, mouse and USB flash drive
- Kordil Bathymetry Studio software
- Computer serial cable (RS232, 9 pin)
- Power cable (12V DC)
- Transducer mounting components
- Upside unit
- Barcheck, safety gloves, pliers, steel tape, duck tape, notebook, calculator, pen
- AML Oceanographic Sound Velocity Profiler (optional)
- Hemisphere GNSS Smart Antenna (optional)

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Technical Specifications

Communication	RS232 & Bluetooth™
Power output from transmitter	100 watt (13.6 V DC input)
Reverse polarity protection	Yes
Power supply voltage:	10-15 VDC,
	300mA @ 12V for 30/200 kHz
Average current draw	150mA @ 12V for 200 kHz
Baud Rate	4800
Ping rate	0.1 - 25 sec.
Manual Mode	Same with ultrasonic frequency
Operating Temperature	From -5C to +60C
Storage Temperature	From -30C to +70C
Transducer CE certification	IEC60945
Minimum Depth Range	0.5 m
Maximum Depth Range	200 m
Depth Display Resolution	1 cm
Depth Measurement Accuracy	%0.25 of depth
Temperature Sensor	10k ohm ± 0.05C accuracy
Temperature Resolution	0.1C
Beam width 200 kHz	9 deg. (@3 db)
Beam angle for 30 kHz	26 deg.(@3 db)
Power and data cable	C314
NMEA 0183 data format	\$SDDPT / DBT options

Bluetooth™ Echosounder

Frequency 200 kHz

Suitable for installation on any kind of vessel



Applications

- Hydrographic surveys (all waters)
- Dredging
- Ports & harbor construction
- Bridge scour inspection system



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