

CHCNAV

D270

**SINGLE BEAM DUAL FREQUENCY
ECHOSOUNDER**



**MARINE SURVEY &
CONSTRUCTION**

COST - EFFECTIVE **SINGLE BEAM DUAL FREQUENCY** **ECHOSOUNDER**

The D270 is a single beam echo sounder making hydrographic surveying simpler and more productive. Particularly design for shallow water bathymetric survey, the D270 features and sounding accuracy of $\pm 0.01 \text{ m} + 0.1\% \times D$ and a detection range 0.15 m to 200 m.

Advanced water depth analysis algorithm filters the secondary echo automatically and professional depth-keeping configuration ensures accurate results by eliminating noise interference. The gain, power and range are also adjusted automatically.

INTEGRATED ECHO-SOUNDER FOR SHALLOW WATER AND DEPTH WATER

**Affordable and professional
for any bathymetric survey
in shallow water and Depth Water.**

- 200 KHz / 25 KHz transducer for shallow water and Depth water surveying
- Compact and portable with consistent and accurate results
- Easy to connect with your computer and GNSS receiver
- Anti-interference technology automatically filters second echo
- Software controlled with automatic parameter adjustments

 COMPACT
& AFFORDABLE



PROFESSIONAL SINGLE BEAM ECHOSOUNDER

SPECIFICATIONS

Measurement Parameters	
Detection Range	0.15 m to 200 m
Resolution	0.01m
Accuracy	$\pm 0.01 \text{ m} + 0.1\% \times D$ (D = water depth)
Frequency	200 KHz / 25 KHz
Sound Velocity Adjustment Range	1300 m/s to 1700 m/s
Beam Angle	$6.5^\circ \pm 1^\circ$ (200kHz) $17^\circ \pm 1^\circ$ (25kHz)
Data Type	CHCNAV, NAME SDDPT/SDDBT, Original waveform

Physical	
Size (L x W x H)	24 cm x 16 cm x 6.5 cm (host)
	25.7 cm x 12 cm x 6.4 cm (transducer)
Weight	0.84 kg (host)
	2.15 kg (transducer)
Pulse Power	300 W
External Power	10 - 36 VDC
Operating Temperatures	20°C to +60°C (Operating Temp)
	-40°C to +70°C (Storage Temp)



*All specifications are subject to change without notice.



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