

CHALCO ELEVEN LTD

“CHALCO HOUSE”

MARYCULTER

ABERDEEN

AB12 5GQ



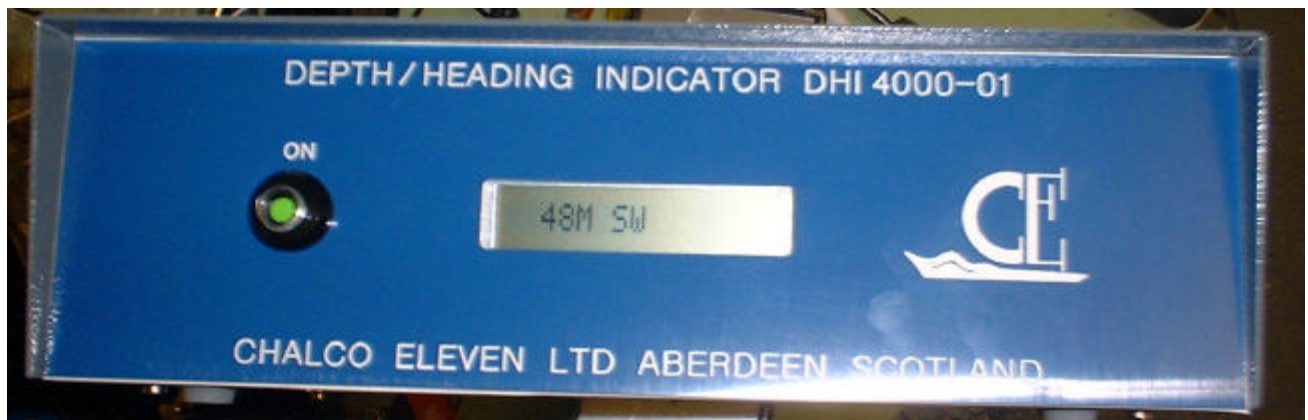
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DEPTH / HEADING INDICATOR DHI 4000-01



Compass Notes

- 1 The connector signals are as follows :
Red / Black Power 12V DC (Red +)
Red / Green to the Pressure Transducer (Red +)
Yellow / Black RS232 (Yellow = Signal)

There is a Voltage Regulator Board. You can apply 24 V to this Unit and it will power the Compass and the Pressure Transducer.

- 2 After power up the Compass goes in to a set-up mode. During this time it will not output data (this takes approximately 2 minutes). After set-up the Compass will output data but it will be initially inaccurate until the Unit makes several 360° rotations; this will appear in normal use and no particular procedure need be taken. The more the Compass is rotated the more accurate it becomes.
- 3 During the Compass set-up phase the receiver may display CHALCO or be blank depending upon the exact power up sequence.
- 4 The Compass is designed to operate mainly in the horizontal plane, about +/- 45° from the horizontal, with the lid up. Pressure readings are available in all orientations.
- 5 This is a magnetic Compass and needs to be mounted in a position such that it does not have local interfering magnetic fields.