

CHALCO ELEVEN LTD



“CHALCO HOUSE”

MARYCULTER
ABERDEEN
AB12 5GQ

TEL (44)-(0)-1224 733321 FAX (44)-(0)-1224 733685
E-Mail: ce@chalco.co.uk

www.chalco.co.uk

SUBSEA KEYBOARD CE-KB-101-SS & MOUSE CE-103-SSM



The Subsea Keyboard and Mouse are designed for Diver use utilising a magnetic pen. Once touched on the appropriate letter, the letter will be displayed on the screen once connected. This is a full standard Keyboard and can be set up for the relevant countries. You may require two magnetic pens in order to utilise the upper case functions.

The Keyboard sensors are mounted on the back of a 2mm stainless steel plate which is etched in blue lettering. The control circuitry is housed in a nylon housing with ‘o’ ring sandwich. The Diver’s Mouse can be used either by pressing the dome forward, back, left or right. Make sure the magnet is in its right orientation on the half dome or remove the half dome and touch the magnetic pen on the appropriate circles imprinted on the face. The Subsea Mouse is interconnected directly to the Keyboard. However, the Keyboard can be used as a stand-alone item provided that there is a blank 4 pin fitted to the Keyboard. The Mouse housing is manufactured from nylon slab with an ‘o’ ring base plate fitted.

Once the Keyboard is connected to a PC (Windows XP), the System will automatically recognise the Keyboard and Mouse in approximately 1-2 minutes. A message will display “Hardware Installed Ready for Use”. You do not require to disconnect your existing Keyboard or Mouse. This is a USB II high speed interface.

SPECIFICATION – KEYBOARD & MOUSE

CONNECTIONS USB	1.1 or 2.0
CABLE LENGTH	130ft
WEIGHT	1.5kgs – Mouse 6kgs – Keyboard (in air)
OPERATING TEMPERATURE	0-35°C
SIZE	55 H x 51W x 19cm D excluding connectors
DEPTH RATING	300M MSW

12 PIN FEMALE SUBCONN

CABLE

TO USB PCB

Pin 1	Red and Blue Twisted Pairs	N/A
Pin 2	Green and White Twisted Pairs	N/A
Pin 3	White of Blue and White Twisted Pairs	N/A
Pin 4	Blue of Blue and White Twisted Pairs	N/A
Pin 5	Yellow of Red and Yellow Twisted Pairs	BROWN
Pin 6	Red of Red and Yellow Twisted Pairs	WHITE/BROWN
Pin 7	Green of Red and Green Twisted Pair	GREEN
Pin 8	Red of Red and Green Twisted Pair	WHITE/GREEN
Pin 9	Green of Blue and Green Twisted Pair	BLUE
Pin 10	Blue of Blue and Green Twisted Pair	WHITE/BLUE
Pin 11	White of Red and White Twisted Pair	ORANGE
Pin 12	Red of Red and White Twisted Pair	WHITE/ORANGE