

#### Step 4 - Connecting the accessory cable

An accessory cable is supplied with the product to provide connections to power, the external switch, the NMEA0183 data ports and USB. The cable has a pre-moulded connector at one end which should be connected to the connector on the unit marked 'PWR/DATA'. The other end of the cable has eight colour coded bare wires ready for connection and a USB connector for use with a PC or Mac. The table below in Figure 1 lists the function of each colour coded wire for reference.

Wire colour	Description	Function
Red	Power in +	Power supply connections
Black	Power in -	
Green	Switch input-	External switch connection for silent mode
Orange	Switch input+	
Brown	NMEA0183 port 1 TX+	High speed NMEA0183 output (38,400baud) intended for connection to chart plotters
Blue	NMEA0183 port 1 TX-	
Purple	NMEA0183 port 2 RX+	Low speed NMEA0183 input (4,800baud) intended for connection to other NMEA0183 compatible sensors for multiplexing of data to the chart plotter
Yellow	NMEA0183 port 2 RX-	