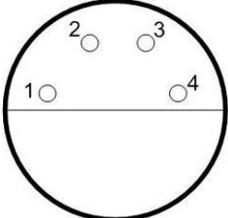
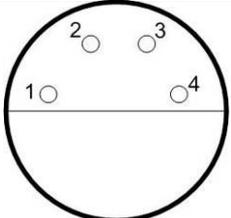




Fault Finding

The following is general list of common problems with suggested actions. Specific details of individual products are in product manuals:

PROBLEM	ACTION
No light on power up	Check unit is charged. If not, charge. If no light check charger either by trying a different charger or measuring the voltage on charger jack plug – should be approx 16VDC in centre referenced to the outside metal surface of the jack plug.
No audio output	Connect to speakers and turn unit ON. All Coxmate units will give an audible beep, indicating they are connected to speakers. If there is no beep, then check speakers are connected. The resistance between pins 2 and 3 on the 4 pin cable harness connector should be between 2 ohms(four speakers) and 4 ohms(2 speakers). If there is a beep on power up but no sound through microphone, then check volume setting is not 0%. If there is still no output from microphone, then check microphone connection and microphone. If possible try another microphone. Microphone can be checked with multimeter – resistance should be between 500 and 2000. 
One or more speakers not working	Check speaker connections, connector in middle of harness for sectionable boats, and connector to control box. Each speaker is 8 ohms impedance. This can be checked with a multimeter. If one speaker fails, it should not effect the others
Battery will not hold charge	Check battery charger – approx 16VDC in centre referenced to the outside metal surface of the jack plug. If charger OK and batteries are more than two years old, replace batteries. Specify product when ordering. Available at www.coxmate.com.au
No Rate indication	Does not apply to AA. Check magnet and pick up are in place and magnet is passing directly over pick up and not more than 10mm away. If you have a spare magnet then this should activate sensor – move it to touch pick up and then move it 100mm away and repeat ~once per second. Pick up can be checked with multimeter. It should show a short (0 ohms) between pins 1 and 4 on the 4 pin connector. 

If the above does not fix problem then please email; service@coxmate.com.au with details. A response, in normal circumstances, will be made within 24hrs.