Please check the statements below after reboot. If one or more statements are TRUE, set check mark(s) and write a comment if necessary. **No further investigation is needed.**

Checklist for MKI systems:

System S/N: [   ]   RMA NR: [   ]

Beep Codes	Status	Statement true?
2 short beep sounds	CMOS setting error	Yes:☐ No:☐ Comments:
1 long and 9 short beep sounds	ROM error	Yes:☐ No:☐ Comments:
Long beep sound continues	DRAM has not been inserted correctly or fails	Yes:☐ No:☐ Comments:
Short beep sound continues	PSU has a problem	Yes:☐ No:☐ Comments:

Light Codes	Status	Statement true?
All on after reboot	No connection to CPU board	Yes:☐ No:☐ Comments:
All flashing rapidly	PSU shorted	Yes:☐ No:☐ Comments:

Please check the statements below after reboot. If one or more statements are TRUE, set check mark(s) "**YES"** and write a comment if necessary. **No further investigation is needed.**
If one or more statements are FALSE, set check mark(s) "**NO"** and write a comment. It is <u>mandatory</u> to write a comment when answering NO, and describe abnormal behavior.

<u>Checklist for MKII systems:</u>

System S/N: ☐   **RMA NR:** ☐   **Type** ☐

Plug	Description	Checked wiring?
PWR. Located under the cover on the right side of the M- System.	Connector 01. Pin 1 24VDC, Pin 3 GND, Pin 5 PE	**Yes:** ☐ **No:** ☐ **Comments:**
SVM. Located at bottom left side of the M-System.	Connector G2. Check the tightness of the M12 connector	**Yes:** ☐ **No:** ☐ **Comments:**
Relay output	Connector 04 pin 1. Check shunt between pin 2 and pin 5	**Yes:** ☐ **No:** ☐ **Comments:**
RPM 2. Located under the cover on the right side of the M- system *	Connector 02 Pin 1. Check shunt between pin 2 and pin 7	**Yes:** ☐ **No:** ☐ **Comments:**
ICP input. Located at top left side of the M-System.	Connector A1-F4. Check the tightness of the M12 connectors.	**Yes:** ☐ **No:** ☐ **Comments:**
Network plug. Located under the cover on the right side of the M-System.	Connector 08. Should be connected and locked.	**Yes:** ☐ **No:** ☐ **Comments:**

* Note: at least one of the RPM inputs should be in use.

(MKII system continued)

Please check the statements below after reboot (remove power plug, remount power plug, wait 5 minutes).
If one or more statements are TRUE, set check mark(s) "YES" and write a comment if necessary. **No further investigation is needed.**
If one or more statements are FALSE, set check mark(s) "NO" and write a comment. It is mandatory to write a comment when answering NO, and describe abnormal behavior.

LED	Description.	Statement true.
PWR LED	Should be on at all times	**Yes:** ☐ **No:** ☐ **Comments:**
HEAT LED	Off at all times (unless below 0°C)	**Yes:** ☐ **No:** ☐ **Comments:**
RPM 0-3 LED	Flash at input, otherwise on	**Yes:** ☐ **No:** ☐ **Comments:**
ICP input	Off: connection okay	**Yes:** ☐ **No:** ☐ **Comments:**
ST1	On for 2 minutes Off for 0-15 minutes	**Yes:** ☐ **No:** ☐ **Comments:**
ST2	On	**Yes:** ☐ **No:** ☐ **Comments:**
Network plug. Located under the cover on the right side of the M-System.	Green LED should always be On. Yellow/Orange LED should be on or flashing to show activity when connected to an active network.	**Yes:** ☐ **No:** ☐ **Comments:**

Please check the statements below after reboot. If one or more statements are TRUE, set check mark(s) and write a comment if necessary. **No further investigation is needed.**

Checklist for Mi systems:

System S/N: [   ]   **RMA NR:** [   ]   Type: [   ]

LED	Description	Statement true
Power	Should be ON at all times. Correct?	Yes:☐ No:☐ Comments:
All	During boot, MODE, ALERT, RPM0 and RPM1 should be FLASHING. Correct? (If they do not stop flashing, check SD card has been inserted correctly and try to boot again.)	Yes:☐ No:☐ Comments:
Mode	Should either be ON or FLASHING. Correct?	Yes:☐ No:☐ Comments:
Alert	Should be OFF at all times. Correct? If LED is FLASHING there is a sensor problem.	Yes:☐ No:☐ Comments:
RPM0	Should be flashing if RPM 0 input is active. Correct?	Yes:☐ No:☐ Comments:
RPM1	Should be flashing if RPM 1 input is active. Correct?	Yes:☐ No:☐ Comments:
N/A	Is web access OK?	Yes:☐ No:☐ Comments:
N/A	Using a FTDI cable, is it possible to access the system from a serial terminal? Remember baud rate on 115200.	Yes:☐ No:☐ Comments:

* Note: at least one of the RPM inputs should be in use.

Checklist for M-sensors:

System S/N: [   ]   **RMA NR:** [   ]

M-Sensor programming kit is necessary for checking some of the beneath items.

Description	Statement true
This is only relevant if the sensor is connected to an M-System. On the M-System web page go to Monitor and check the RS-485 TX/RX values. Are they increasing?	Yes:☐ No:☐ Comments:
This is only relevant if you cannot contact the sensor connected to a computer. Have you followed the programming kit leaflet setup guide? For instance: Is the Uport setting set to ude RS-485 4W? Have you selected the correct COM port in device manager and the programming tool?	Yes:☐ No:☐ Comments:
This is only relevant if you cannot contact the sensor connected to a computer. Open the DAM Service Control and go to logging. Do you see an alive signal?	Yes:☐ No:☐ Comments:
Have you tried re-programming the sensor? Please note your observations.	Yes:☐ No:☐ Comments: