



Obelisk Systems has created the following guidelines to ensure that the Asimov hardware is within correct operating parameters and also safe for you to use in the classroom! Please ensure that you pay careful attention to this document whilst operating the hardware to guarantee maximum longevity and enjoyment from the system. If you have any questions regarding the use of the Asimov and its components, please feel free to contact us at info@obelisksystems.com.

GENERAL GUIDELINES:

- Do not expose the Asimov to **any water** or let the Asimov sit in highly humid environments (such as steam from a shower) for prolonged periods of time.
- Do not expose the Asimov to any cleaning chemicals, substances or materials. These may react strangely, or produce harmful gasses.
- Do not ingest any materials provided with the Asimov kit, or materials that constitute the kit.
- Do not expose the electronics to temperatures below -10 degrees and above 60 degrees Celsius. Whilst the hardware can survive outside of these temperatures, we cannot guarantee operation to expected or safe parameters.
- Do not expose the electronics to shock or stress such as impact to ground or large vibrations.
- Do not touch the camera lens with fingers or sharp objects, as this can damage the optics or sensor.
- Do not over-tighten the lens on the camera; this will damage the sensor.
- Do not unscrew and remove the lens on the camera, this will expose the sensor to dust, moisture and other damaging substances.
- Do not attempt to disassemble or modify the Asimov board.
- Do not touch any of the sensors on the Asimov, particularly during operation.
- Be cautious of sharp edges on circuit boards.
- Do not allow the Asimov to enter large electric or magnetic fields: We cannot guarantee any safety if this is done.
- Do not throw the device or swing it around at high speed. Whilst it may seem like a good idea at the time, serious injury can result if this is done with the Asimov hardware.



DURING ASSEMBLY:

- Only allow assembly under adult supervision and preferably by the teaching staff. The Asimov is robust, but still sensitive to incorrect assembly.
- Ensure that the Raspberry Pi is correctly centered on the 40-pin connector and that all 40 pins go into corresponding sockets. Failure to connect the Pi in the right orientation will destroy the board.
- Apply very slow, even pressure when screwing in the raspberry pi to the metal standoffs. The Pi will appear quite tight to the screws however this is intentional.
- Use the correct sized Phillips-head screwdriver with the provided screws in the kit.
- Do not assemble using a power drill as this can over-tighten and damage the circuit board.

POWERING THE PI:

- Always use wall adapters or computer USB ports that are certified to Australian standards.
- Do not attempt to run the Asimov Kit without a wall adapter being of minimum **1 AMP**.

Note: if there is any damage done to the circuit boards due to impact, breaking etc, avoid inhaling any debris or particulates for your safety. These circuit boards are made to strict standards however are still composed of silicon fiber which can be dangerous to lungs.