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Ref: Material content and recycling of Digital Projection Limited Projectors.

In regards to the recyclability of the TITAN projector:

1. The product has been designed from its inception to be modular, having three key sections: The Core chassis, housing the optics, and two separable side modules. One side module houses the power supply and the other contains the video processing electronics. This modular philosophy is at the heart of the design concept of ready dis-assembly and material separation making the products well suited to re-cycling at the end of their working lives.
2. The projector easily separates into its three modules. In turn, the modules enable rapid separation of sub-assemblies down to component and PCB level with the use of standard tools.
3. The projector is ROHS compliant and has been designed in accordance with the WEEE Directive.
4. The entire chassis structure and skin of the product are manufactured from aluminum.
5. A small number of internal components, comparatively low by proportion, are manufactured from stainless steel, or zinc-passivated mild steel. Any small elements, such as screw inserts within the aluminum chassis, are readily identifiable and separable.
6. A small number of internal components are manufactured from plastic. These include small cooling fans and small sheets of insulation material close to high voltage circuits. In all cases these plastic components are readily identified and are separable. In total they represent less than 1% of the product mass.
7. Glass elements in the optical path are all removable using hand tools and are therefore separable from their metal housings.
8. The product is designed to be upgradeable and serviceable, so should have a very long operating life.
9. Lamp modules are already recycled back to the factory for refurbishment and re-bulbing.

In regards to the LIGHTNING, the only differences are:

1. Lightning is modular, but in a slightly different way: The product is based around a welded aluminum space-frame onto which the rest of the components are assembled.
2. Points 2 to 9 remain entirely consistent. We have a single large component made from pressure formed PVC (the base lamp duct). Again, plastic elements are readily identifiable, separable and represent way less than 1% of product mass. PVC is readily recyclable.

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