PIPSTA001 – BENEFITS OF PIPSTA

Pipsta is a self-assembly printer for the Raspberry Pi. It is:

Easy to assemble: requiring a screwdriver and a wrist-strap only. With its USB connectivity, Pipsta clicks together with less risk to your Raspberry Pi (and its user!)

Quick to assemble: with a build-time of ~45 minutes, Pipsta can be assembled in a single school lesson,

Fast: a USB data connection to the Pi and a dedicated 7.5Vdc power supply make for fast data and fast printing,

NFC-capable: download our Android app to explore the many benefits of NFC,

Extensible: From the windows that permit access to all of the Raspberry Pi connectors, to the accompanying open-ended Android app, Pipsta has been designed so you can expand into both Raspberry Pi electronics and NFC frontiers with ease. In using USB communications, the full GPIO connector on the Raspberry Pi can be left accessible for your own projects,

Made from transparent acrylics: allowing the user to see all components of the system,

Able to print to linerless labels: print banners, QR codes and more!

Suitable across the National Curriculum: the Pipsta code library comes with everything from Key Stage 1 Number-bond Scratch games with personalised printed certificates, to example Python code for the next generation of programmers to cut their teeth on,

Complete with many examples: whether you are exploring the emerging fields of IoT (Internet of Things) or IoP (Internet of People), Pipsta Python tutorials will guide even inexperienced users from basic printing step-by-step through to sophisticated and secure web-printing applications. Intermediate steps in the code development are exposed so as not to overwhelm the user, and to permit users to branch when appropriate for their own systems.