

Crossrail Custom House C520

Pico Projector system



Learning Outcomes / Lessons Learnt

Pico projector – a portable projector that allows presentations to be done in situ, rather than in an office. The projector can either be handheld or fixed to a tripod, it has a rechargeable battery that lasts several hours, it's Bluetooth and WIFI enabled, and it can be linked to a Smartphone, tablet, laptop, USB stick or SD card. The presentation can be displayed on any surface, from a tunnel wall to the side of a van.

Usually task briefings are done in the site office, meaning operatives have to leave their work area and make their way to the office which, on some sites, can be quite a distance. The Pico projector enabled the team at C520 to present immersive task briefings by keeping the workforce in the environment where the task will take place. It also allowed the briefing leader to physically show the associated risks and hazards in situ.

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Supplier\ Product used: Philips
Innovation Reference: INV000XXX



The process improvements were assessed by the Crossrail Six Sigma team. Iain Hogan, Six Sigma Black Belt, said: "The Pico projector initiative at C520 saved around an hour of labour time – which equates to around £440. If used regularly, the savings of bringing the task briefings on site quickly mount up!"

Benefits

- Substantial time saving from operative travelling from work front to the office and back.
- Improving operative understanding of the tasks.
- Better appreciation of task specific risks as it can be physically shown in location.
- Access to all presentation material as required via the connectivity of the Pico Projector

Cost of Implementation & Selection of Equipment

Philips PicoPix PPX3610 Pocket Projector £280 + £50 Accessories

•The PicoPix 3610 has an integrated web browser which allows you to go directly online without connecting a Smartphone or Notebook.

•It plays videos directly from your SD card or USB stick, with a integrated MP4 player supports all common video and audio formats. This makes the PicoPix pocket projector a standalone device, retrieving its content from the internal 2 GB memory, USB stick or one of various different types of memory cards. The PicoPix comes with a compact built-in rechargeable battery for long-lasting power. Up to 2 hours of continuous presentation and photo can be achieved on a single charge.



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