

# Case Study: Bishop Challoner Catholic College

The winning formula – Bishop Challoner Catholic College puts Bett prize projectors to good use

Bishop Challoner Catholic College in Birmingham was thrilled to be one of the lucky winners of Casio's Projector giveaway at this year's Bett Show (21st – 23rd January 2015), celebrating five years since the manufacturer has gone completely lamp-free.

The college has been in the process of switching entirely to Laser & LED projection for the past four years so was already familiar with the Casio offering and opted for five of the Green Slim (XJ-A132) units for consistency and to continue towards their long-term goals of energy savings and efficiency.

IT Manager Michael Dean first saw Casio's lamp-free offerings at a trade show, and with both teachers and students frequently using projection to help bring their lessons to life, could instantly see the benefits for overcoming reliability and dependability issues.

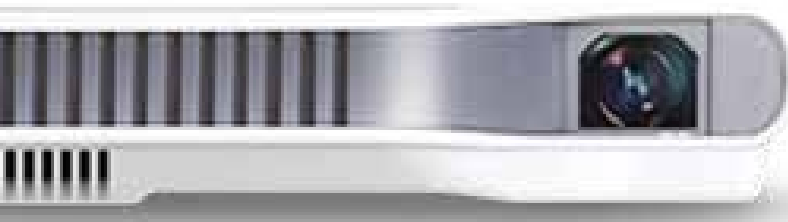
*"We had become increasingly frustrated with traditional lamp-based projectors, as their failure was really starting to affect student learning,"* he explained,

## Key features

- Lamp-free
- Up to 3,000 ANSI lumens
- XGA and WXGA resolution
- Flexible 2x optical zoom allowing easy installation
- Quick start and stop
- WLAN and USB (selected models only)
- HD ready
- Portable
- Less than A4 size

*"You were never able to predict when a lamp could fail and often it was at the least opportune times, such as during the middle of an important lesson, or a student presentation. It meant that teachers always had to factor in a back-up plan, just in case."* When Casio's Laser & LED projectors came into the picture, it changed the school's whole approach to projection technology – and budgeting, too. This presents a new method of generating an image, removing the lamp and subsequently harmful mercury from the system and replacing them with two of the most sustainable light generation sources on the planet, Laser and LED.

*"We always had to ensure previously that we reserved some of our technology budget for replacement lamps, which meant that projector upgrades were a slow process. When we made the move to Casio projectors, this concern was immediately eliminated."* Dean noted. *"We no longer have to worry about the filters clogging up causing the projector to overheat and cut-out, as this method of image generation doesn't emit any heat, and we don't have to factor in the replacement costs every 18 months. With Casio, it's been a case of installing them and knowing that we can have total confidence that they will work whenever we need them".*



 **LampFree**  
CASIO Green Technology



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*“The 5 year or 10,000 hours warranty is just the icing on the cake of a fantastic product which is helping our teachers to deliver brilliant lessons with fewer worries about problems with technology.”*

*Michael Dean, IT Manager*

*“We currently have about 50 Casio projectors installed around the school – and that number is growing, as we are in the process of replacing all of our older lampbased projectors with more efficient Casio models. This competition win has gone a long way to us reaching our final lamp-free goal!”*

Dean selected the XJ-A132 models for the competition due to the great experiences he had with the previous XJ-A130 projectors he had installed. The school valued them for their small size and the fact that they are so lightweight, which makes them neat and unobtrusive to mount. They are ideal for any location in the school, as classroom set-up or low versus high ceilings make no difference. The brightness is superb and the sharpness and clarity of picture is amazing for lessons.

*“Our teachers use them all day, every day, to improve their lessons and keep students engaged with learning so the constant brilliance and reliability of the image, with no fading over the lifetime due to no aging parts, makes them fantastic projectors for use in classrooms. The low energy consumption of Laser & LED based projectors also means a lower running cost with their constant use.”*

Dean has found that the projectors have already paid for themselves in their low total cost of ownership for the school, and increased peace of mind and confidence in the technology.



*“Overall the TCO is so much lower than with lamp-based projectors, yet the picture is much brighter and clearer. The 5 year or 10,000 hours warranty is just the icing on the cake of a fantastic product which is helping our teachers to deliver brilliant lessons with fewer worries about problems with technology.”*

Bishop Challoner’s is committed to continuing their investment in Casio due to the returns in reliability, the low running costs, high efficiency, and performance. *“For us,”* Dean concludes, *“winning those five projectors at Bett was the perfect continuation of our successful lampfree switch initiative!”*

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[www.bishopchalloner.org.uk](http://www.bishopchalloner.org.uk)

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