

Experience the

REVOLUTION

of 20,000 hours without a lamp.



The revolution at a glance.

ECOLOGICALLY SOUND AND ENERGY SAVING. Pages 4-5

- NEW mercury-free light source
- Power consumption less than 1 watt in standby mode



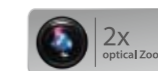
ECONOMICAL AND EFFICIENT. Pages 6-7

- Lamp-free technology with up to 20,000 hours continuous performance
- Minimal maintenance requirements
- Significant reduction of follow-up costs



FUNCTIONAL AND VERSATILE. Pages 8-9

- Superb colour rendition
- Constant brightness
- 2x optical zoom
- Slimline, portable body (just 43mm thick)



POWERFUL AND INNOVATIVE. Pages 10-11

- HDMI port
- Quick Start-up & Stop
- USB 2.0 for PC-free presentations (selected models only)
- WLAN capability (selected models only)
- WXGA resolution (selected models only)

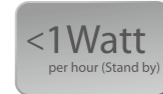


Innovative and environmentally friendly: a mercury-free light source.



evolutionary – with our innovative projectors, CASIO is now setting entirely new standards in environmental protection, thanks to the integration of completely new illumination technology. The fully mercury-free light source has a life expectancy of 20,000 hours with performance of up to 2,500 ANSI lumens. This new lamp-free technology means that Casio projectors are better for the environment; and with no need to buy replacement lamps, they are also much better for your pocket!

Superior performance – low power consumption
With a power consumption of less than 1 watt in standby mode, the projectors are fully compliant with the demands of the new EU directive¹ requiring reduced power demand for technical devices from the beginning of 2010.



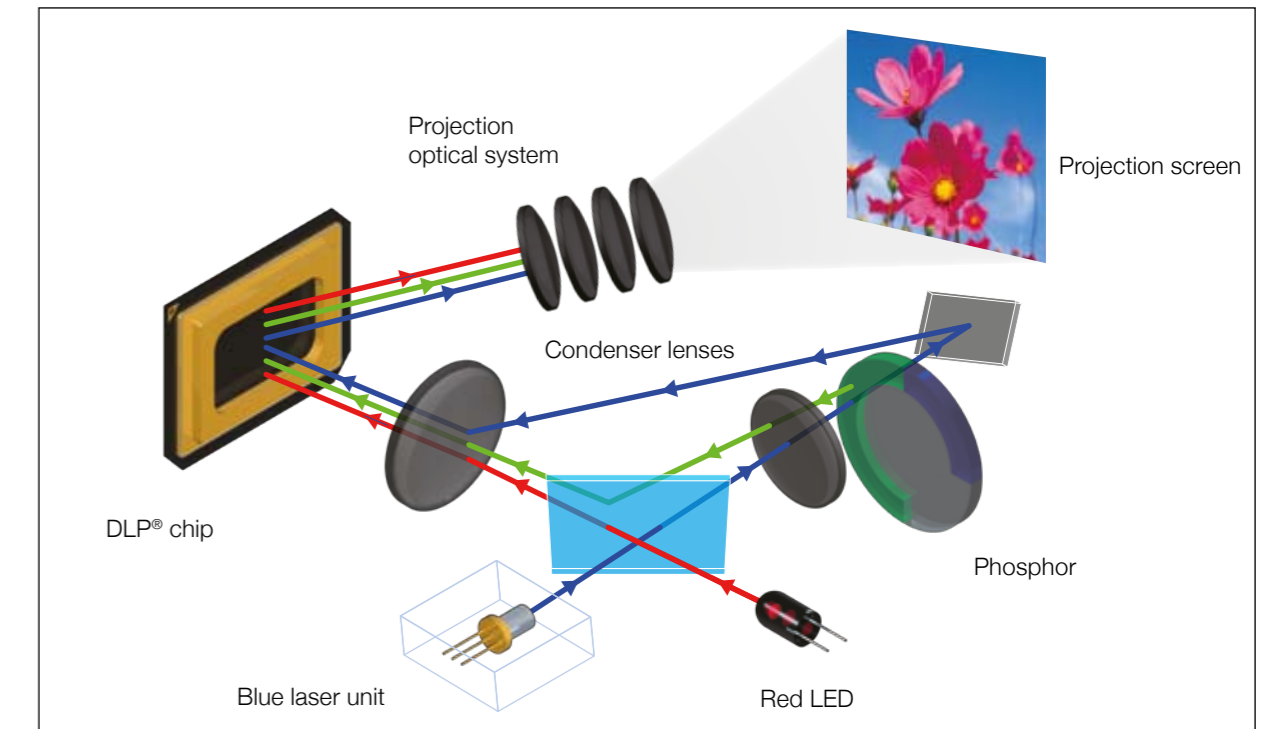
Future-oriented investment.

Power consumption of less than 1 watt in standby mode in accordance with the EU directive¹ on power consumption.



New illumination technology.

The new and innovative semiconductor light-source technology developed by CASIO combines LEDs and laser light to create a completely new, mercury-free light source. The new generation of projectors with a laser and LED hybrid light source can deliver brightness of up to 2,500 ANSI lumens and create brilliant, natural colours for impressive presentations, even in daylight. This revolutionary light source has a 20,000-hour life expectancy, and can be switched on and off without any significant delays – full power is available after only eight seconds!





Long life and consistent performance: 20,000 hours and no replacement lamps.



The new generation of projectors has arrived. With an operational life of up to 20,000 hours and no requirement for replacement lamps, the new Casio projectors offer a ten-fold improvement over old Casio projectors with a conventional lamp (approx life of a single lamp = 2,000 hours). Additionally, there are no filters to clean so your follow-up maintenance costs are minimal. Without the considerable costs of replacement lamps and general maintenance, the new Casio projectors offer an extremely low total cost of ownership (TCO)



Extraordinarily long service life.

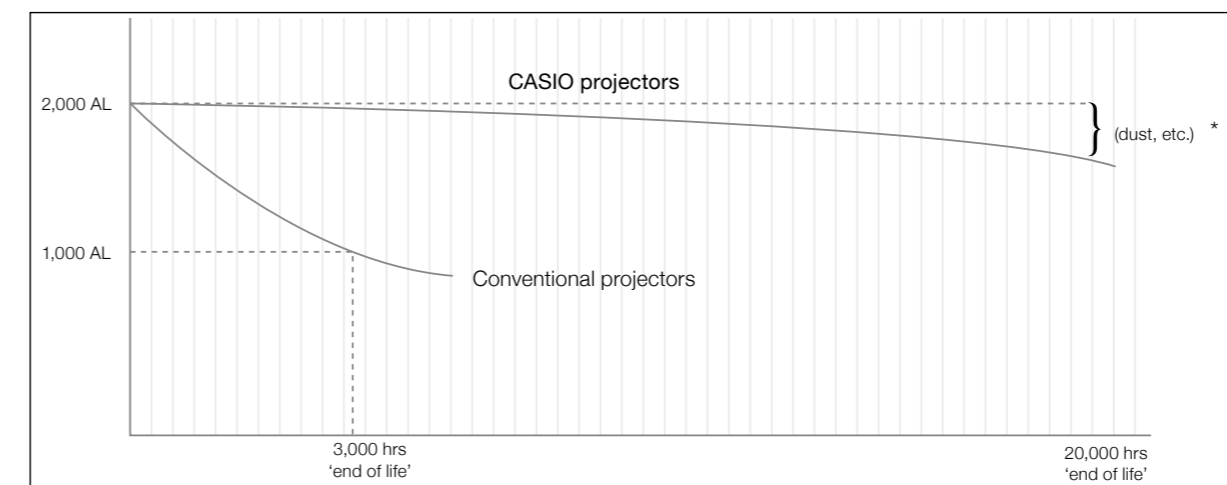


No lamp replacements ▶ **No follow-up costs**

Constant brilliance with up to 2,500 ANSI lumens.

The new CASIO projectors combine the extremely long life of LEDs with an outstanding performance of up to 2,500 ANSI lumens. While the performance of a conventional

projector lamp declines considerably with age, the new Casio projectors deliver consistently brilliant, bright images throughout their whole 20,000 hour life.



Constant brightness level

* Expected life cycle



Conventional projectors after 2,000 hours



CASIO projectors with innovative laser and LED hybrid technology after 3,000 hours



Portable presentation with superior colour characteristics.



2x
optical Zoom

2x optical zoom – Offers flexible installation options – simply use the zoom to adjust the screen size and compensate for optical distortion effects.



**QUICK
START & STOP**

Quick Start & Stop – Ready to use at the touch of a button – warm-up and cooling times belong in the past.



WLAN)))

WLAN – The WLAN module enables you to connect to the projector and deliver your presentation without the need for cables (selected models only).



USB

PC-free presentations, simply connect a USB drive to the USB 2.0 port and your converted JPEG presentation will be displayed! (selected models only).



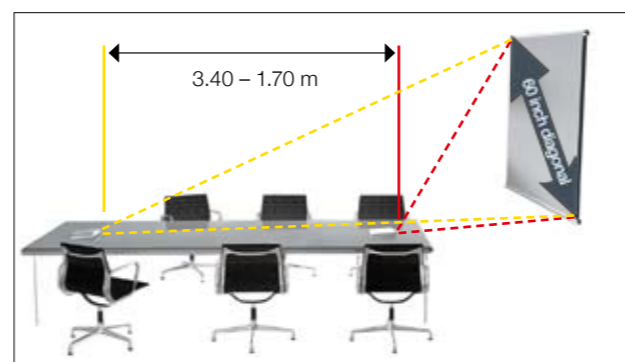
HDMI

The **HDMI port** provides the projector with full digital data reproduction capability.



WXGA

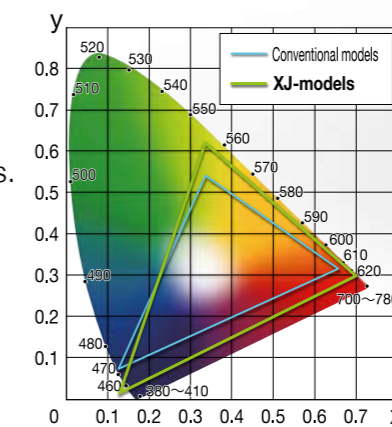
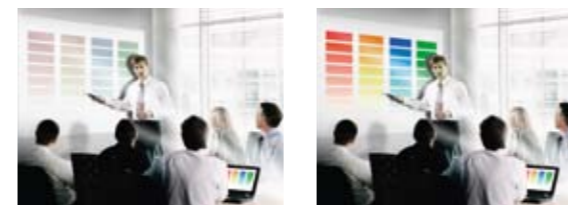
Optimum reproduction of 16:10 aspect ratio, the perfect match for WXGA laptops and high definition sources (selected models only).



USB port

Impressive colour rendition.

The new Casio projectors deliver a brilliant colour rendition across a massive range of colours that is further enhanced by the “Helmholtz-Kohlrausch effect”. This optical phenomenon causes an increase in the subjective perception of brightness proportional to the degree of colour saturation. The greyscale rendition of the new projectors is also almost perfect: black appears as black, not as a dark grey. Such superb colour performance will give you the confidence to deliver truly memorable, impactful presentations.



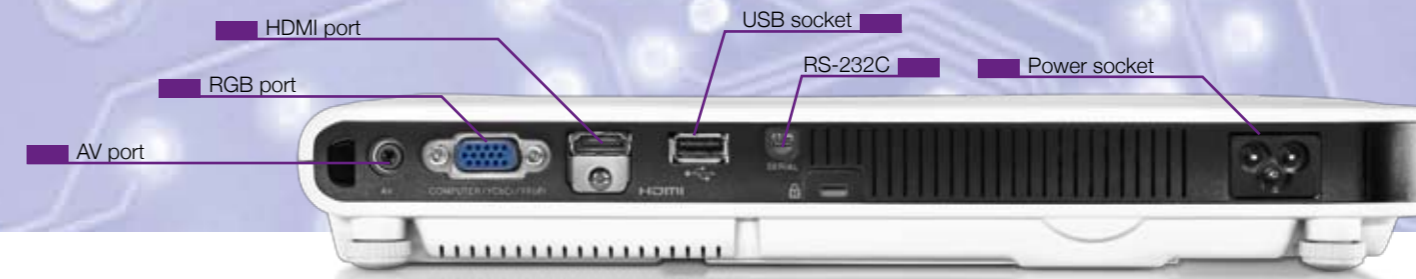
The colour spectrum recognised by the human eye



Excellent colour characteristics.

For the best in business and home entertainment projection

Technical specifications at a glance.



XGA models:
XJ-A130
XJ-A135
XJ-A140
XJ-A145

WXGA models:
XJ-A230
XJ-A235
XJ-A240
XJ-A245

		XGA	WXGA
Display	Technology:	0.55-Inch DLP®-Chip	0.65-Inch DLP®-Chip
	Resolution:	1024 x 768 pixels	1280 x 800 pixels
Projected image	Contrast ratio 1.800:1 (in tele mode); colour depth: 16.7 million		
Projection lens	Type:	2x optical zoom	
	Projection ratio:	1.4–2.8 : 1 (distance : image width)	1.15–2.3 : 1 (distance: image width)
	Offset:	100%	84%
	Min. distance:	0.84 m	
Projection	Projection screen size:	15" (0.38 m) bis 300" (7.62 m)	18" (0.46 m) bis 300" (7.62 m)
	Projection range:	60" (1.52 m)	
	Screen diagonal 60":	1.7 m to 3.4 m	1.4 m to 2.8 m
	Screen diagonal 100":	2.8 m to 5.6 m	2.4 m to 4.8 m
Light source	Type: laser and LED hybrid technology Operating hours: approx. 20,000 hours (Guaranteed for 3 years or 6,000 hours)		
Keystone correction	Vertical (automatic/manual): +30°/±30°		
Interface terminals	Computer: 1 x 15 pin D-Sub Digital input: HDMI port Video/audio: composite: 1 x 3.5 mm mini jack for audio input/output Component video input: opt. adapter to 15-pin HD Serial RS-232C: YK-5 (optional accessory) USB: 1 x type A (USB 2.0) Plug-in USB device ¹ : USB stick, CASIO YW-3 wireless adapter, CASIO YC-400/YC-430 multifunction camera system		
Operating Noise	Audio speakers 1 W; volume 35 dB (eco On level 1)/29 dB (eco On level 2)		
Power consumption	Operating: 270 W (eco off)/190 W (eco on level 1)/130 W (eco on level 2) Standby: 100–120 V (0,4 W), 220–240 V (0,6 W)		
Computer compatibility	Compressed max. resolution: UXGA (1600 x 1200 pixels)		
Video compatibility	Video standards: PAL-N/-M, PAL60, SECAM, NTSC; signals: composite video, YcbCr, YPbPr		
Included accessories	RGB cable, video cable, power cable, IR remote, user manual on CD, carrying case		
Other specs	Dimensions (LxWxH): 297 mm x 210 mm x 43 mm Weight: 2.3 kg; body/colour: white		

Model	ANSI LUMENS	WXGA/XGA	USB/WLAN
XJ-A130	2,000	XGA	-
XJ-A135	2,000	XGA	USB/WLAN
XJ-A140	2,500	XGA	-
XJ-A145	2,500	XGA	USB/WLAN
XJ-A230	2,000	WXGA	-
XJ-A235	2,000	WXGA	USB/WLAN
XJ-A240	2,500	WXGA	-
XJ-A245	2,500	WXGA	USB/WLAN



808PROJECTPRO-EU



Casio Electronics Co Ltd, Unit 6, 1000 North Circular Road, London, NW2 7JD
Tel. 020 8450 9131 email: marketing@casio.co.uk

CASIO