

Experience the

REVOLUTION

of 20,000 hours without a lamp.

XJ-A155



The revolution at a glance.

ECOLOGICALLY SOUND AND ENERGY-SAVING. Pages 4–5

- Mercury-free illumination technology
- 20,000 hours without changing lamps with up to 3,000 ANSI lumen
- Power consumption less than 1 watt in standby mode



New mercury-free
light source



ECONOMICAL AND EFFICIENT. Pages 6–7

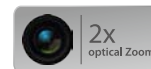
- 20,000 hours without changing lamps
 - ▶ Extreme reduction of follow-up costs





FUNCTIONAL AND VERSATILE. Pages 8–9

- Brilliant and natural colour rendition
- Constant brightness
- 2× optical zoom



POWERFUL AND INNOVATIVE. Pages 8–9

- USB 2.0 for presentations without a PC
- WLAN capability with USB models
- HDMI port
- Quick Start & Stop
- WXGA
- Dimensions (L×W×H): 297 mm × 210 mm × 43 mm



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



evolutionary – with their 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 3,000 ANSI lumen. This means that the manufacture and disposal of conventional mercury lamps is now a thing of the past for CASIO's new projectors.

Superior performance – low power consumption

With a power drain 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.



<1Watt
per hour (Stand by)



Future-oriented investment.

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

CASIO

EU directive¹

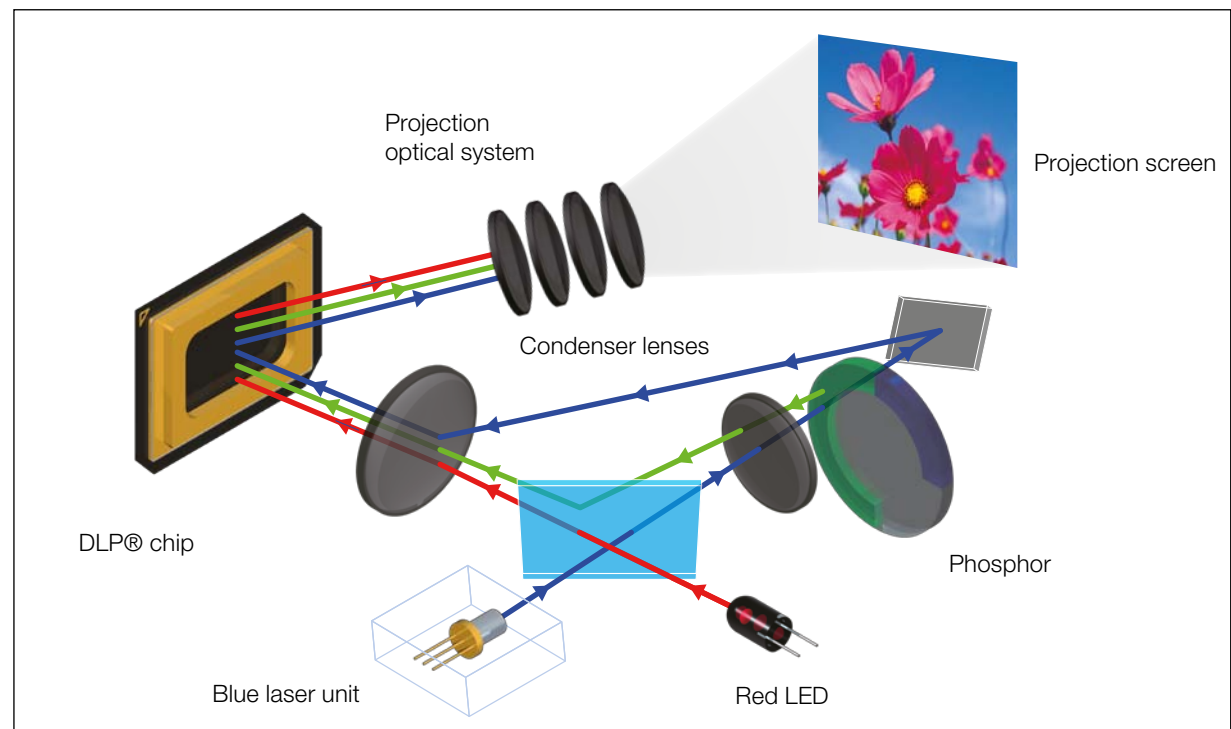
Conventional projectors
before 1.1.2010

← 1 watt →



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 laser and LED hybrid light sources has an illuminative performance of up to 3,000 ANSI lumen, creating 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!



Subject to change without notice. Stand: January 2010



Long life and no performance loss: 20,000 hours without changing lamps.



he new generation of projectors has arrived, thanks to the new CASIO models with an operational life of up to 20,000 hours without changing lamps.

This means a ten-fold improvement in

performance against the conventional lamps used in CASIO projectors (approx. life of 2,000 hours).

20,000 hours means: 10,000 two-hour business presentations, or over 13,000 live football matches viewed in large format at home with friends.

A new projector from CASIO is a profitable investment for the future, above all when you think of the considerable follow-up costs for replacing conventional projector lamps: assuming a service life of around 20,000 hours, you would need to buy up to nine new lamps with total costs amounting to about 3,200 euros.



Extraordinarily long service life.



No lamp replacements ▶ No follow-up costs

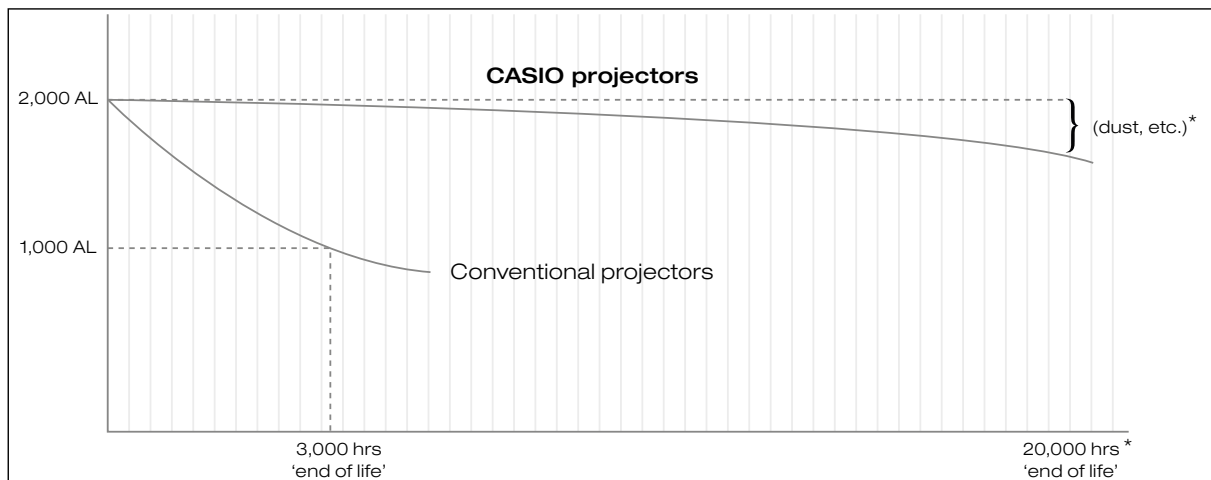


Constant brilliance with up to 3,000 ANSI lumen.

The new CASIO projectors combine the extremely long life of LEDs with an outstanding performance of up to 3,000 ANSI lumen.

While the performance of conventional projector

lamps falls off visibly with increasing age, the new CASIO projectors provide constantly brilliant, clear and impressive images throughout their whole 20,000-hour life.



Constant brightness level

*Expected life cycle



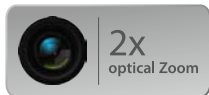
Conventional projectors after 2,000 hours



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



Portable presentation with superior colour characteristics.



2x optical zoom² – Absolute flexibility thanks to optimum adjustment to room characteristics and compensation of optical distortion effects.



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



The **WLAN module³** enables simultaneous wireless control of projectors from several laptop computers – without the need to reconnect cables.



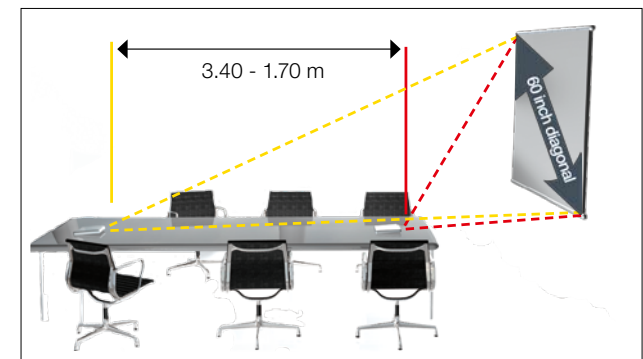
Presentations any time and anywhere without a PC – with direct input of JPEG converted data via the **USB 2.0 port**.



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



Optimum reproduction of **16:10** aspect ratios, outstanding image quality.

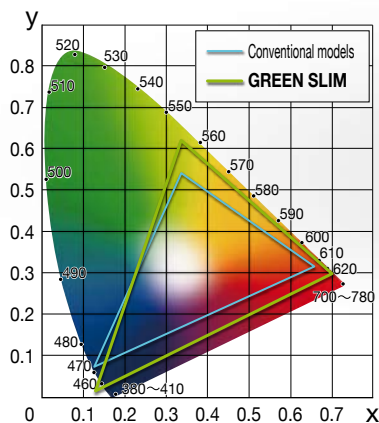


USB port



Impressive colour rendition.

The new CASIO projectors fascinate viewers with a brilliant colour rendition and extreme 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 really black, and not as a very dark grey shade. Images with the vitality and clarity of rich colours and finest details make every business presentation and evening of home entertainment a truly memorable experience.



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:



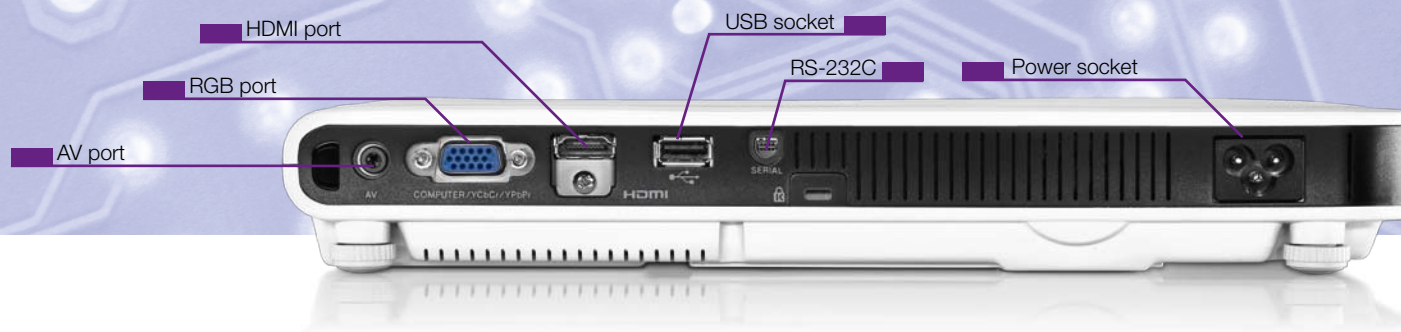
XGA models:

XJ-A130
XJ-A135
XJ-A140
XJ-A145
XJ-A150
XJ-A155

WXGA models:

XJ-A240
XJ-A245
XJ-A250
XJ-A255

	XGA	WXGA
Display	Technology: 0.55-inch DLP® Chip Resolution: 1024 x 768 pixels	0.65-inch DLP® Chip 1280 x 800 pixels
Projected image	Contrast ratio 1800 : 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) Offset: 100% Min. distance: 0.84 m	1.15–2.3 : 1 (distance: image width) 84%
Projection	Projection screen size: 15" (0.38 m) to 300" (7.62 m) Projection range: 60" screen (1.52 m) Screen diagonal 60": 1.7 m to 3.4 m Screen diagonal 100": 2.8 m to 5.6 m	18" (0.46 m) to 300" (7.62 m) 1.4 m to 2.8 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: 1x15 pin D-Sub Digital input: HDMI port Video/audio: composite: 1x3.5-mm mini jack for audio input/output Component video input: opt. adapter to 15-pin HD Serial RS-232C: YK-5 (optional accessory) USB: 1x 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	
Audio volume	Audio speakers 1W; 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 (W x H x T): 297 x 43 x 210 mm Weight: 2.3 kg; body/colour: white	



This overview illustrates the differences between the various models.

Model	ANSI LUMEN	WXGA/XGA	USB/WLAN
XJ-A130	2.000	XGA	-
XY-A135	2.000	XGA	USB/WLAN
XJ-A140	2.500	XGA	-
XJ-A145	2.500	XGA	USB/WLAN
XJ-A150	3.000	XGA	-
XJ-A155	3.000	XGA	USB/WLAN
XJ-A240	2.500	WXGA	-
XJ-A245	2.500	WXGA	USB/WLAN
XJ-A250	3.000	WXGA	-
XJ-A255	3.000	WXGA	USB/WLAN



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