2000 ANSI lumens

XJ-A235/ XJ-A230

The High-Brightness Projector
Enters a New Era of Mercury-free,
Long-life Light Sources.

XJ-A235

2000 ANSI lumens	WXGA Real	USB memory compatible	A4-size
		Wireless connection compatible	2.3kg

XJ-A230

2000 ANSI lumens	WXGA Real	A4-size
		2.3kg

Mobile configuration for carrying convenience   S L I M   D E S I G N

CASIO's innovative mobile styling has resulted in an A4-size projector that measures just 43 mm in thickness and 2.3 kg in weight. It slips neatly into a slim briefcase and travels with you easily to presentations outside your office.

297mm

43 mm

CASIO.

SHRIRO
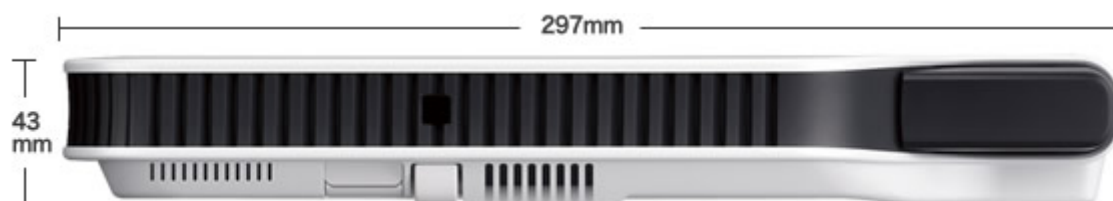
Ecology

■ Laser & LED Hybrid Light Source supporting high-brightness projection without mercury

CASIO has applied its unique new Laser & LED Hybrid Light Source to achieve breakthrough development of a mercury-free high-brightness projector. Adopting a new semiconductor-based light source system combining a blue laser, phosphor and a red LED, we have achieved both high-brightness performance enabling projection in well-lit rooms and environmental friendliness with mercury eliminated from the light source.
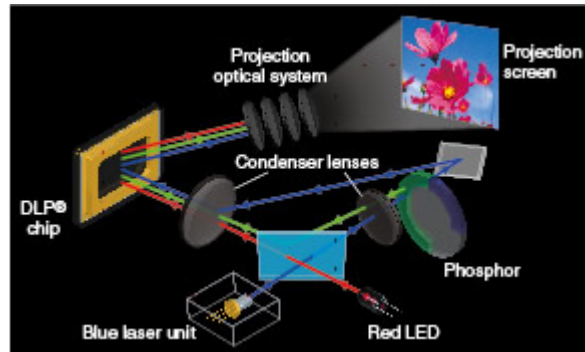
**Revolutionary new light source technology**
CASIO developed a new semiconductor light source technology combining a red LED, phosphor and a blue laser. This source achieves high luminance safely by employing a phosphor device to modify the wavelengths and phases of blue laser light.

Economy

■ Long-life light source with reduced brightness degradation

Adopting a new semiconductor-based system has enabled CASIO to realize a long light source life of approximately 20,000 hours. Compared with conventional high-brightness projectors employing mercury lamps, this cuts the cost as well as the time and effort involved in exchanging lamps dramatically, while at the same time maintaining clear, high-quality images over an extended period by reducing the tendency toward degradation of the brightness.
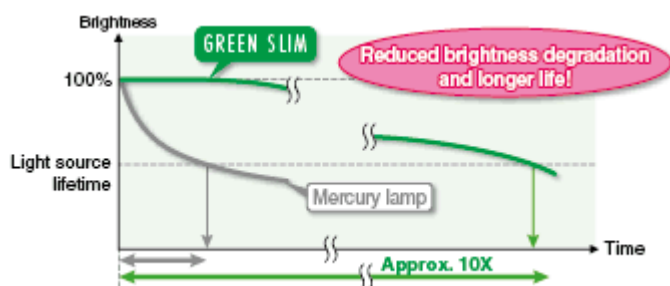
Usability

## ■ Quick startup/shutdown for presentation ease

The projector reaches its maximum brightness as quickly as 8 seconds after it's turned on, significantly shortening the time before you start your presentation. Since it doesn't need time to cool down afterwards, either, you can conduct your presentations cleanly and efficiently, from setting up to packing up.
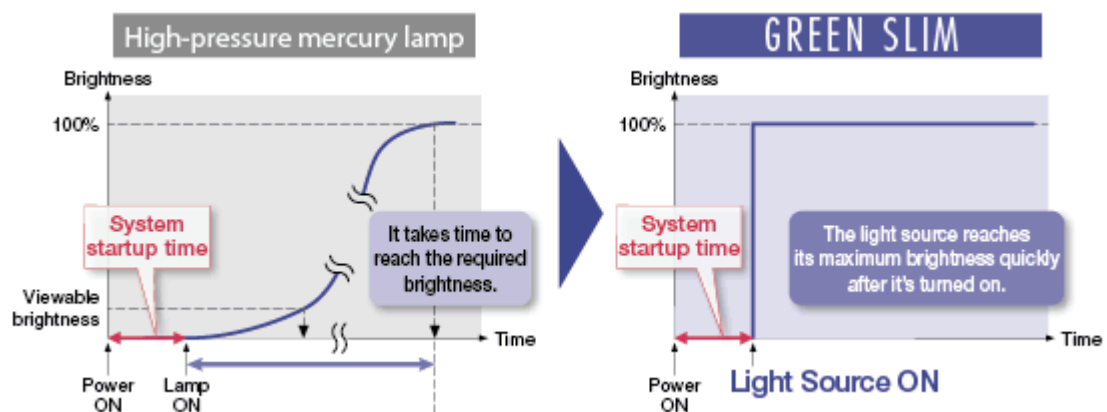
Quality

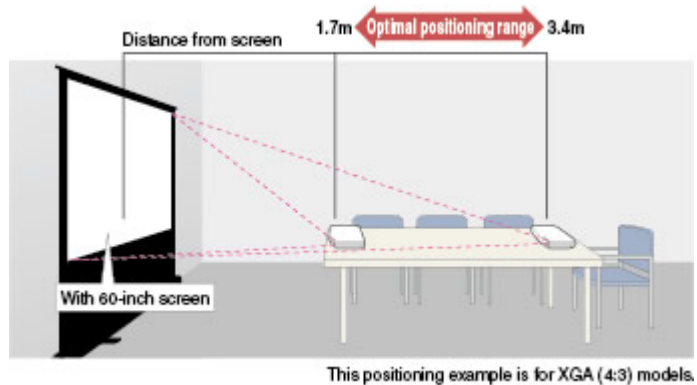## ■ Enhanced colour reproduction for higher-impact presentations

The dramatically enhanced colour purity achieved by our Laser & LED Hybrid Light Source technology results in superior colour reproducibility and brighter, more beautiful colouration. High-purity colour visual effects also generate brighter images, enabling you to present clear, powerful visuals that conventional projectors can't match.
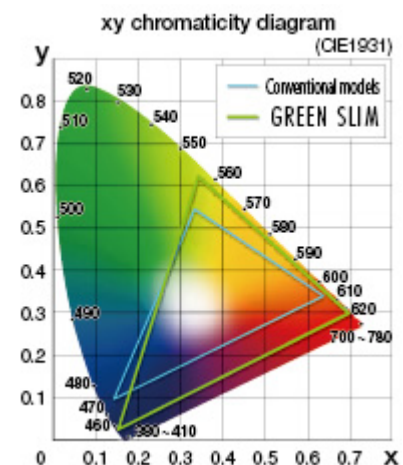
Wide-angle 2x zoom capability

The wide-angle 2x zoom lens boosts magnification to the highest level among data projectors.* This zoom capability enables the projector to project optimally sized images from close to the screen or farther away as well as to correct screen distortions resulting from the projector's positioning automatically.

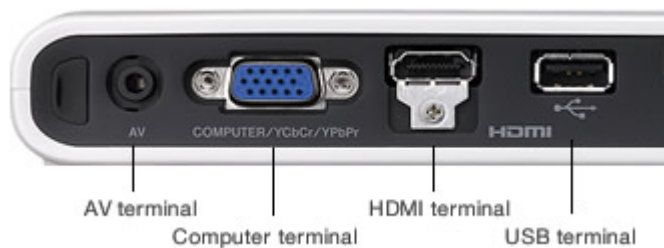*Source: December 2009 CASIO investigation

Distance from screen — 1.7m Optimal positioning range 3.4m

With 60-inch screen

This positioning example is for XGA (4:3) models.

WXGA Real & XGA Real projection

The product lineup includes both 1,280 x 800 dot (16:10) WXGA Real and 1,024 x 768 dot (4:3) XGA Real models that realize high-density images benefiting fully from high resolution. They also support 1,600 x 1,200 dot UXGA compressed presentation.

4:3 → 16:10
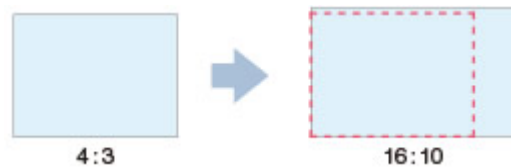
Connection Interfaces

AV terminal — AV
Computer terminal — COMPUTER/YCbCr/YPbPr
HDMI terminal — HDMI
USB terminal

■ AV terminal

Connect a VCR, video camera or other audio-visual equipment to the AV terminal and use it as a VIDEO input terminal for projecting images. You can also use it as an AUDIO input (output) terminal to play back audio recordings from a PC on the built-in speaker.
*Audio playback with the speaker or connection to external speaker for presentations made from a USB memory device is also possible.

■ HDMI terminal

AV equipment such as HD televisions and DVD recorders can be connected to the HDMI terminal with a single cable. This enables you to project high-definition images on a large screen while maintaining high image quality.

■ Computer terminal

Images can be projected on a PC screen by simply connecting the PC to the RGB input terminal.

■ USB terminal (XJ-A245/A235/A145/A135)

To make presentations without a PC, simply save your presentation materials in a commercially available USB memory stick and insert it into the USB terminal. *See our Web site for USB memory sticks with confirmed compatibility.

■ Linkage to CASIO Digital Equipment

[Digital cameras] EXILIM

Project your photos and videos directly.

[Scientific Calculators] fx-9860G-A

Not only can you project graphs generated by your calculations directly, but you can actually visualize and project calculator operations on a PC screen.

■ Four colour modes

The projectors are equipped with four colour modes you can select from depending on the venue and content of your presentation. A full range of contents, from text and graphs to moving and still images can be projected with optimal effect.

■ **Standard: Suitable for general presentations emphasizing colour expression**

■ **Graphic: Suitable for natural-looking presentation of photos, etc.**

■ **Theater: Suitable for showing dark or shaded areas in movies clearly**

■ **Blackboard: Suitable for high-visibility projection of images on a blackboard**

■ IEEE802.11b/g wireless function support

(Supported models: XJ-A245/A235/A145/A135)

■ USB 2.0 hosting function for use without a PC

(Supported models: XJ-A245/A235/A145/A135)

■ Built-in speaker for convenient BGM^L or sound effect playback

■ Easy, attractive ceiling mounting

(option)