

For Immediate Release

## Casio to Release New Mercury-Free Projector with 20,000-Hour Light Source

*3,500 ANSI Lumens WXGA Real Model Projector for Presentations and Digital Signage*



TOKYO, May 21, 2012 – Casio Computer Co., Ltd., announced today that it plans to release a new projector, the XJ-H2650, in July of this year. The XJ-H2650 will be the latest addition to Casio's lineup of projectors, equipped with an original mercury-free light source with a roughly 20,000-hour lifespan, and it will deliver WXGA (1280 x 800 dot) high-brightness projection of 3,500 ANSI lumens.

Casio released the first projector to use its original Laser & LED Hybrid Light Source in April 2010, achieving high brightness without the use of a high-pressure mercury lamp. That model also boasted a light source life of about 20,000 hours, which reduces maintenance and cuts operating costs, while achieving projection at maximum brightness as quickly as five seconds from startup. Due to this and other superior features, it has earned a strong reputation.

The XJ-H2650 is a 3,500 ANSI lumens WXGA model that is well-suited to bigger venues such as medium-size halls and to bright environments such as retail stores. The new projector will offer the same excellent features as the existing models, such as a light source life of about 20,000 hours, and also boasts new functions useful for presentations and digital signage. It comes fully equipped for a wide variety of uses.

### **Laser & LED Hybrid Light Source**

The XJ-H2650 projector achieves high brightness projection of 3,500 ANSI lumens using a mercury-free light source by projecting three colors through a DLP® chip: red emitted by a high-lumen red LED, green converted from blue laser light with a phosphor, and blue emitted by a high-lumen blue LED.

### **Custom Logo can be saved and utilized for startup screen**

Users can capture and save projection screen data and utilize it for the startup screen when presenting.

### **Keylock function prevents incorrect operation and undesired access**

The projector can be disabled using key operation on the main unit, making it secure for projecting digital signage in retail settings.

### **Energy-saving Intelligent Brightness Control**

Integrated light sensors automatically adjust the projection brightness level according to the ambient lighting. This reduces power consumption by as much as 63%.<sup>\*1</sup>

<sup>\*1</sup>. Reduction compared with power consumption for Eco Mode Level 5 (120 W), using power consumption for Bright Mode (330 W) as a baseline reference.

### **Presentations can be given using a smartphone or USB memory**

With the XJ-H2650, users can give wireless presentations using a smartphone<sup>\*2</sup> or computer that supports wireless LAN (IEEE 802.11 b/g), or project data<sup>\*3</sup> from a USB memory device.

<sup>\*2</sup>. Smartphone or other mobile device must be installed with MobiShow® software for Android™, Apple iOS or Windows Mobile®.

<sup>\*3</sup>. Certain types of data may need to be converted using the bundled computer software, before saving to a USB memory device.

### **Users can use Intractive Pointer (sold separately), which enables them to point at the projection screen and operate the PC**

### **DLP® 3D projection function can project powerful 3D images, viewable using 3D glasses (sold separately)**

Also in July, Casio will release the XJ-H2600 projector with basic features only and 3,500 ANSI lumens output.

Model	Brightness	Display Resolution	Intelligent Brightness Control	DLP®3D projection Ready	Presentation by Smartphone	Presentation by USB Memory	Interactive Pointing Function
XJ-H2650	3500 ANSI lumens	WXGA Real	Yes			XJ-H2650 only	
XJ-H2600							

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## Specifications

Model	XJ-H2650	XJ-H2600
Brightness <sup>1</sup>	3500 ANSI lumens	
Light Source	Laser & LED Hybrid Light Source	
Estimated Life of Light Source	20,000 hours	
Projection System	DLP <sup>®</sup> system	
Display Element	WXGA 0.65-inch DLP <sup>®</sup> chip 1,024,000 pixels (1,280×800)	
Contrast Ratio	1400:1	
Keystone Correction	+30° (auto) ±30° (manual)	
Focusing	Manual	
Projection Lens	1.2X optical zoom lens	
Projection Screen Size	30~300-inch	
Projection Range	60-inch Screen	2.1~2.5m
	100-inch Screen	3.5~4.2m
	Minimum Range	1.0m
Color Reproduction	Full color (16.77 million colors)	
RGB	Display Resolution	WXGA Real (1,280×800), Compressed: Maximum UXGA (1,600×1,200)
	Input Terminal	RGB mini D-Sub 15 pinx2 (Also serves as YCbCr/YPbPr input terminal)
Digital Input	Output Terminal	RGB mini D-Sub 15 pinx1
	Input Terminal	HDMI TypeA x 1 (480P~1080P)
Video Input	Signal Systems	NTSC/PAL/PAL-N/PAL-M/PAL60/SECAM
	Composite Terminal	S-Video terminal (separate) x 1, RCA pin terminal (composite) x 1
	Component Terminal	(Also serves as RGB mini D-Sub 15 pin)
Audio	Input Terminals	Stereo mini jack x 2, RCA pin jack x 2
	Output Terminal	Stereo mini jack x 1
	Speaker	10W
Local Area Network	Wireless <sup>2</sup>	IEEE 802.11b/g
	Wired	100BASE-TX/10BASE-T
Other Terminals	USB	USB (2.0-compliant) TypeA x 1
	Interactive Pointer	USB TypeB x 1
	Control Terminal	D-sub9pin (RS-232C) x 1
Presentation by Wireless LAN	Windows <sup>®</sup> PCs	Supports Windows <sup>®</sup> PCs with wireless LAN (IEEE 802.11 b/g) capability and installed with Wireless Connection 3 software
	Smartphones and Other Mobile Devices	Supports mobile devices with wireless LAN (IEEE 802.11 b/g) capability and installed with MobiShow <sup>®</sup> software
Presentation by USB Memory Device	Compatible File Formats	JPEG, BMP, Motion-JPEG (AVI format ADPCM audio)
	Bundled File Conversion Software for PC	Converts certain video files (MP4, MOV, AVI and WMV) to a usable format, as well as converting PowerPoint <sup>®</sup> files with animations
Interactive Pointing Function <sup>4</sup>	Yes	—
Intelligent Brightness Control	Yes	—
Eco Mode	Yes	—
Direct Power-on	Yes	—
DLP <sup>®</sup> 3D Projection Ready	Yes	—
Security Compatibility	Kensington-compatible, Power-on password	
Other Functions	Digital zoom (2X), rear-projection, freeze, color mode, blank screen, custom logo, ceiling	
Power Source	AC100~240V, 50/60Hz	
Power Consumption	Bright Mode	330W
	Normal Mode	290W
	Eco Mode Level 1	250W
	Eco Mode Level 5	120W
	Standby	0.4W
Dimensions (WxHxD)	400 x 323 x 96mm (106mm including protruding parts)	
Weight	7.1kg	
Included Accessories	Wireless remote controller / AC power cord / RGB cable / Carrying bag / Quick reference / Warranty Card	
	Wireless Connection 3 software / EZ-Converter FA / ArcSoft MediaConverter 3 for CASIO Projector	

\*1. When using Bright mode.

\*2. Wireless adapter included (for use with USB terminal installed at the rear of the projector).

\*3. MobiShow<sup>®</sup> software is available in versions for Android<sup>™</sup>, Apple iOS, and Windows Mobile<sup>®</sup>.

\*4. This function requires Casio's Interactive Pointer, sold separately.

\*5. Metal ceiling-mount fittings required. Installation work charged separately.

### Main Options of Casio's New Projectors

Model	Product	XJ-H2650	XJ-H2600
YA-G30	3D Glasses for CASIO projector	Yes	Yes
YA-D30	CASIO 3D Converter	Yes	Yes
YA-P10	Interactive Pointer	Yes	—

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