



Mercury-free, high-luminosity Hybrid Light Source

Specifications

Function	Standard Models						Pro Models		Short-Throw Models	
	XJ-M255	XJ-M250	XJ-M245	XJ-M240	XJ-M155	XJ-M150	XJ-M145	XJ-M140	XJ-ST155	XJ-ST145
Brightness*1	3000 ANSI lumens		2500 ANSI lumens		3000 ANSI lumens		2500 ANSI lumens		3000 ANSI lumens	
Contrast ratio	1800 : 1						1400 : 1		1800 : 1	
Keystone correction	+30° (auto) ±30° (manual)						+30° (auto) ±30° (manual)		+30° (auto) ±30° (manual)	
Focusing	Manual focus						Manual focus		Manual focus	
Projection lens	1.5X optical zoom lens (manual)						1.2X optical zoom lens (manual)		Fixed focus lens	
Projection screen size	35 - 300-inch						27 - 300-inch		45 - 142-inch	
Projection range	60-inch-screen: 1.7m - 2.5m 100-inch-screen: 2.9m - 4.2m, Minimum range: 1.0m		60-inch-screen: 2.0m - 3.0m 100-inch-screen: 3.4m - 4.9m, Minimum range: 1.0m		60-inch-screen: 1.9m - 2.3m 100-inch-screen: 3.3m - 3.9m, Minimum range: 0.85m		60-inch-screen: 0.8m 100-inch-screen: 1.4m, Minimum range: 0.6m			
Projection system	DLP® system						DLP® system		DLP® system	
Display element	WXGA 0.65-inch DLP® chip 1,024,000 pixels (1,280 x 800)		XGA 0.55-inch DLP® chip 786,432 pixels (1,024 x 768)		XGA 0.7-inch DLP® chip 786,432 pixels (1,024 x 768)		XGA 0.7-inch DLP® chip 786,432 pixels (1,024 x 768)		XGA 0.7-inch DLP® chip 786,432 pixels (1,024 x 768)	
Color reproduction	Full color (16.77 million colors)						Full color (16.77 million colors)		Full color (16.77 million colors)	
Display resolution	WXGA Real (1,280 x 800) Compressed: Maximum UXGA (1,600 x 1,200)		XGA Real (1,024 x 768) Compressed: Maximum UXGA (1,600 x 1,200)		XGA Real (1,024 x 768) Compressed: Maximum UXGA (1,600 x 1,200)		XGA Real (1,024 x 768) Compressed: Maximum UXGA (1,600 x 1,200)		XGA Real (1,024 x 768) Compressed: Maximum UXGA (1,600 x 1,200)	
RGB	RGB mini D-Sub 15 pin x 1 (Also serves as YCbCr/YPbPr input terminal.)						RGB mini D-Sub 15 pin x 2 (Also serves as YCbCr/YPbPr input terminal.)		RGB mini D-Sub 15 pin x 2 (Also serves as YCbCr/YPbPr input terminal.)	
Input terminal	—						—		—	
Output terminal	—						—		—	
Digital input	HDMI Type A x 1 (480P - 1080P)						HDMI Type A x 1 (480P - 1080P)		HDMI Type A x 1 (480P - 1080P)	
Signal system	NTSC/PAL/PAL-N/PAL-M/PAL60/SECAM						NTSC/PAL/PAL-N/PAL-M/PAL60/SECAM		NTSC/PAL/PAL-N/PAL-M/PAL60/SECAM	
Video input	Composite (RCA) terminal x 1, S-Video terminal x 1, Component: Also serves as RGB mini D-Sub 15 pin.						Composite (RCA) terminal x 1, S-Video terminal x 1, Component: Also serves as RGB mini D-Sub 15 pin.		Composite (RCA) terminal x 1, S-Video terminal x 1, Component: Also serves as RGB mini D-Sub 15 pin.	
Audio	RCA x 1 (R/L), Stereo mini-jack x 1						RCA x 1 (R/L), Stereo mini-jack x 2		RCA x 1 (R/L), Stereo mini-jack x 2	
Speaker	5W monaural						10W monaural		10W monaural	
USB host	USB (2.0-compliant) Type A x 1 (USB terminal on rear)*2		—		—		—		—	
Other terminals	—		—		—		—		—	
Control terminal	RS-232C (mini D-Sub 9 pin) x 1						RS-232C (mini D-Sub 9 pin) x 1		RS-232C (mini D-Sub 9 pin) x 1	
LAN terminal	RJ-45 x 1						RJ-45 x 1		RJ-45 x 1	
Wireless compatibility	IEEE 802.11b/g*4 MobiShow® compatible		—		—		—		—	
Power source	AC 100V - 240V, 50/60Hz						AC 100V - 240V, 50/60Hz		AC 100V - 240V, 50/60Hz	
Power consumption	Operating power: 150W (with Eco Mode "Eco 1" selected), 190W (with Eco Mode Off "Bright" selected) / Standby power consumption: 0.4W*5						Operating power: 350W (with Eco Mode "Eco 1" selected), 430W (with Eco Mode Off "Bright" selected) / Standby power consumption: 0.4W*5		Operating power: 350W (with Eco Mode "Eco 1" selected), 430W (with Eco Mode Off "Bright" selected) / Standby power consumption: 0.4W*5	
External dimensions (WxHxD)	311 x 84 x 244mm (including projections)						400 x 106 x 323mm (including projections)		420 x 106 x 323mm (including projections)	
Weight	3.9kg						7.1kg		7.1kg	
Remote controller	Wireless remote controller						Wireless remote controller		Wireless remote controller	
Security compatibility	Kensington-compatible, Power-on password						Kensington-compatible, Power-on password		Kensington-compatible, Power-on password	
Other functions	DLP® 3D projection, Intelligent Brightness Control, Direct power-ON, Direct power-OFF, Digital zoom (2X), Rear projection, Freeze, Pointer, Color mode, Eco mode, Blank, Ceiling mount*6						DLP® 3D projection, Intelligent Brightness Control, Interactive pointing function (XJ-H1650 only), Closed captioning, Direct power-ON, Direct power-OFF, Digital zoom (2X), Rear projection, Freeze, Pointer, Color mode, Eco mode, Blank, Ceiling mount*6		DLP® 3D projection, Intelligent Brightness Control, Interactive pointing function, Closed captioning, Direct power-ON, Direct power-OFF, Digital zoom (2X), Rear projection, Freeze, Pointer, Color mode, Eco mode, Blank, Ceiling mount*6	
Main accessories	Wireless remote controller / AC power cord / RGB cable / Instruction manual (on CD-ROM) *7 / Quick reference / Warranty card / Soft case						Wireless remote controller / AC power cord / RGB cable / Instruction manual (on CD-ROM) *7 / Quick reference / Warranty card / Soft case		Wireless remote controller / AC power cord / RGB cable / Instruction manual (on CD-ROM) *7 / Quick reference / Warranty card / Soft case	

\*1 Eco Mode Off "Bright" projection \*2 Connectable equipment: Wireless module for wireless connection; Multi-projection camera YC-430/400 (Note, however, that a higher version of multi-projection camera firmware may be required when connecting a multi-projection camera directly to the projector.); CASIO digital cameras / USB memory (commercially available, but compatibility with all USB memory devices not assured; compatible digital camera models and confirmed-compatible USB memory devices to be published on the CASIO Web site) \*3 For use with the interactive pointing function \*4 A wireless module that attaches to the USB terminal on the rear of the projector body is supplied. \*5 Except when connected to a network \*6 Metal ceiling-mount fittings required; installation work charged separately. \*7 Accessory software provided on CD-ROM is compatible with Windows® 7 (32/64 bit), Windows Vista® (32/64 bit) and Windows® XP SP3.

The new standard for tomorrow's projectors

An enhanced lineup of select models to meet your requirements in various situations

Options

**Equipment for viewing projected 3D images**

**3D Glasses for CASIO projector YA-G30**

**2D image to 3D image conversion PC application**

**CASIO 3D Converter YA-D30**

(OS compatibility) Windows® 7, Windows Vista® SP2, Windows® XP SP3  
(Convertible file formats)  
\*Moving images: MPEG 4/H.264/ Motion JPEG/MWM  
\*Still images: JPEG

**Interactive pointing function-compatible dedicated pen**

**Interactive Pointer YA-P10**

(Bundled software) Presentation Draw: Interactive pointing support software

CASIO Green Star Products

In its pursuit of eco-friendly product development, CASIO certifies products that satisfy its environmental standards as "Green Products". Those that meet even stricter assessment criteria are certified as "Green Star Products" in accordance with CASIO's efforts to reduce environmental impact.

**Environmental Specifications**

- The light source is mercury-free.
- Package downsizing improves transport efficiency by 30% (compared with the CASIO XJ-S68).

Safety precautions

Read the instruction manual carefully before using these products to ensure safe use.

**Warning:** Do not use a power source voltage, connection cord or AC adapter other than those specified. Doing so could result in fire or electric shock.

**Caution:** Do not position these products in a place where they might come into contact with water, moisture, steam, dust or oily smoke or in a high-temperature location. Doing so could result in fire, electric shock or equipment failure.

•Contact a nearby dealer for inquiries concerning this catalogue. If you have questions your dealer cannot answer, inquire at the contact address shown below. •Be sure you receive your warranty with the date of purchase, dealer name and other required items filled in at the time of purchase. •The specifications, designs, etc., presented in this catalogue are subject to change without notice. The colour tones of the products shown may differ from the actual products due to printing. •Screen images shown are superimposed graphics. •Product prices do not include installation fees, shipping charges, incidental work costs, etc. •Be sure to set up the equipment properly according to the directions in the instruction manual. Failure to make connections properly or attempts to make alterations may result in accidents. CASIO can accept no responsibility under such circumstances. •The figures for brightness are averages for the products as a whole at the time of shipment and are in compliance with the ISO2118-2005 Data Projector Specifications. The measurement method and conditions are based on Appendix 2. •These devices comply with the current JIS C 61000-3-2 harmonic standard. •These devices are Class 1 laser products that comply with the IEC60825-1 standard.

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<http://world.casio.com/>

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.

Projection Distances

Model	Standard Models			Pro Models			Short-Throw Models	
	XGA (4:3) Models	Wide	Telephoto	Wide	Telephoto	H	XGA (4:3) Models	H
40-inch	1.3m	2.0m	1.1m	1.7m	9cm	1.3m	0.6m (45 in)	6cm
60-inch	2.0m	3.0m	1.7m	2.5m	13cm	1.9m	0.8m	8cm
80-inch	2.7m	4.0m	2.3m	3.4m	18cm	2.6m	1.1m	10cm
100-inch	3.4m	4.9m	2.9m	4.2m	23cm	3.3m	1.4m	13cm
150-inch	5.0m	7.4m	4.3m	6.3m	34cm	4.9m	2.0m (142 in)	19cm
200-inch	6.8m	9.9m	5.8m	8.4m	45cm	6.6m	—	—

**XGA (4:3) Models**  
\*Except short-throw models

**WXGA (16:10) Models**

**Short-Throw Models**

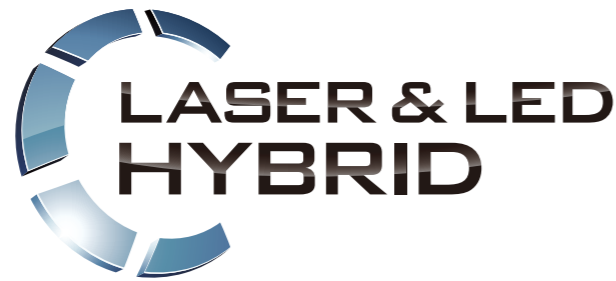


BS1104-050001A Printed in Japan



# Featuring CASIO's Hybrid Light Source. The New Standard for Next-Generation Projectors.

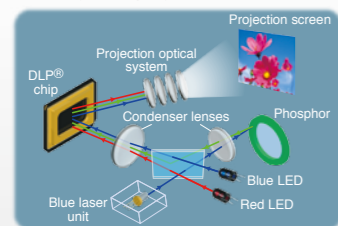
CASIO has widened its lead in projector performance and development with its revolutionary Hybrid Light Source combining a laser and an LED. This unique long-life light source offers the environmental performance to meet today's business requirements, while improving cost performance and enhancing utility and beauty for smarter, more effective presentations. With an extensive lineup featuring models for virtually every purpose, CASIO has set a new high standard for the projectors that will carry visual communications into the future.



## 4 Key Qualities Realized by CASIO's Laser & LED Hybrid Light Source

### ECOLOGY Mercury-free high brightness up to 3500 ANSI lumens

Adopting a new semiconductor light source system combining a laser and an LED has achieved both higher brightness than conventional LED projectors can offer and superior eco-friendliness as compared with mercury lamp models. CASIO's Hybrid Light Source enables mercury-free projection with excellent brightness characteristics.

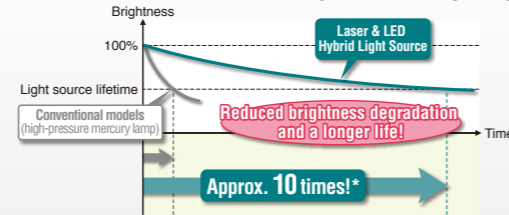


Hybrid Light Source achieves a high level of brightness without the use of high-pressure mercury lamps by employing a laser and an LED: red by adopting a high-brightness red LED; green by using phosphor to convert blue laser light; and blue by adopting a high-brightness blue LED.

\*Blue generated by a blue laser unit available in XJ-A series and XJ-M series.

### ECONOMY Approximately 20,000-hour long-life light source with less brightness degradation

The light source's life of approximately 20,000 hours far outshines that of conventional projectors that require mercury lamp replacement. It saves maintenance labor and contributes to a significant reduction in operating costs. Since brightness degradation is more gradual than with mercury lamps, moreover, it maintains vivid image quality through long-term use.

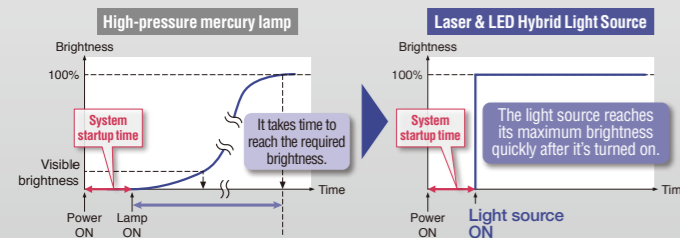


\*Compared with conventional CASIO models, as of February 2011. Source: CASIO

### USABILITY Startup as quick as 5-seconds\* Fast ON & OFF switching for convenient usability

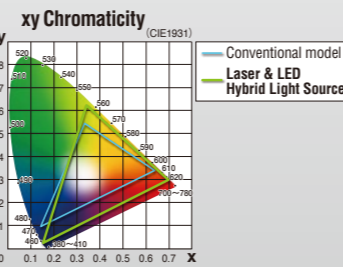
Projection at maximum brightness is achieved in as few as five seconds, and the time from startup to screen display is shortened dramatically, facilitating more effective use of limited time. No cooling down is necessary, moreover, when the power is turned OFF. Users can complete the process from setting up to packing up smartly and speedily.

\*Except XJ-A series



### VISIBILITY Enhanced beauty and realism A further leap forward in color reproduction

The dramatic improvement in color purity achieved by the new light source has significantly improved color reproduction. Not only are the colors clearer and more beautiful, but the projected images also look brighter due to the visual effects of the high-purity colors. Users benefit from clearer, more powerful images than conventional projectors can achieve.



## Standard Models

Multi-functionality for ease of use. Providing practical responses for a wide range of uses and eco-friendly operation.



DLP® 3D projection	Built-in speaker <5W>
USB memory compatible*	Wireless connection compatible*
Wide-angle zoom lens <1.5X>	MobiShow® compatible wireless LAN*
Automatic vertical keystone correction	Intelligent Brightness Control
Automatic vertical keystone correction	Anti-theft lock
HDMI terminal	Control terminal
	Wired LAN terminal*

\*Supported models: XJ-M255/M245/M155/M145

Conduct a varied range of visual communications, from meetings and conferences to presentations, with one of these models.



### WXGA Real Models

#### 3000 ANSI lumens

#### XJ-M255

3000 ANSI lumens WXGA Real USB memory compatible Wireless connection compatible

#### XJ-M250

3000 ANSI lumens WXGA Real

#### 2500 ANSI lumens

#### XJ-M245

2500 ANSI lumens WXGA Real USB memory compatible Wireless connection compatible

#### XJ-M240

2500 ANSI lumens WXGA Real

### Concern for today's high environmental quality standards

CASIO has developed a light source with no mercury lamp to eliminate the release of mercury, a highly toxic element, and adopted energy- and resource-saving designs. Superior environmental performance is also achieved by innovations such as Intelligent Brightness Control, which adjusts the projection brightness automatically depending on the level of illumination in the surrounding environment and contributes to daily power savings.

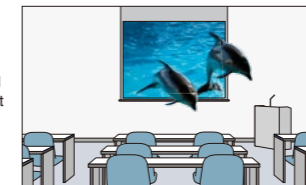
### Compatibility with 3D contents

A DLP® 3D projection function\* enables stereoscopic image display that is impossible with 2D projection. This can enhance viewers' understanding of presentation contents. A built-in 5W speaker further expands the possibilities for presentations.



\*See page 5 for details.

Note: Separately available 3D Glasses for CASIO Projectors (YA-G30) are required for 3D image viewing. See the Options list on the back cover for details.



### XGA Real Models

#### 3000 ANSI lumens

#### XJ-M155

3000 ANSI lumens XGA Real USB memory compatible Wireless connection compatible

#### XJ-M150

3000 ANSI lumens XGA Real

#### 2500 ANSI lumens

#### XJ-M145

2500 ANSI lumens XGA Real USB memory compatible Wireless connection compatible

#### XJ-M140

2500 ANSI lumens XGA Real

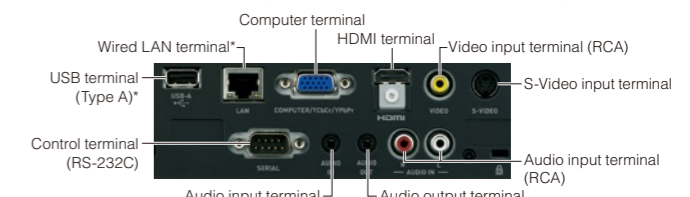
### Support for wireless LAN and PC-free presentations

A wireless LAN function (IEEE802.11b/g) with MobiShow® compatibility is installed for versatility. Wireless connection with smart phones and other mobile devices as well as with Windows® PCs is also possible. The inclusion of a USB 2.0 host function\* enables users to project presentation materials saved in USB memory with no PC connection.

\*See page 5 for details. Supported models: XJ-M255/M245/M155/M145

### Abundant interfaces as standard equipment

CASIO's next-generation projectors are equipped with AV terminals, such as HDMI and S-Video suitable for high-quality projection, as well as PC input terminals. Audio output and PC control terminals add further to their ability to respond to a wide variety of user requirements.



\*XJ-M255/M245/M155/M145 models only

# Pro Models

High-brightness (3500 ANSI lumens) projectors for use in venues such as mid-sized halls



- DLP® 3D projection
- Interactive pointing\*
- Built-in speaker <10W>
- USB memory compatible\*
- Wireless connection compatible\*
- MobiShow® compatible wireless LAN\*
- Intelligent Brightness Control
- Wide-angle zoom lens <1.5X>
- Automatic vertical keystone correction
- Ceiling-mounted projection
- Anti-theft lock
- RGB output terminal
- HDMI terminal
- Control terminal
- Wired LAN terminal\*

Ideally suited for fixed installation, such as ceiling-mount installation. Designed for large-screen projection in large spaces and bright rooms.



\*Supported model: XJ-H1650

## XGA Real Models

3500 ANSI lumens

XJ-H1650

- 3500 ANSI lumens
- XGA Real
- USB memory compatible
- Wireless connection compatible

XJ-H1600

- 3500 ANSI lumens
- XGA Real

## 3500 ANSI lumens enabling projection virtually anywhere

These models achieve brightness as high as 3500 ANSI lumens without a mercury lamp. This enables large-screen projection in large conference rooms as well as clear projection of images in brightly lit rooms. It also contributes to combined use of the screen with other presentation materials and smooth communication between the presenter and the audience.

## 10W built-in monaural speaker

A 10W monaural speaker installed in the projector permits powerful sound output without an external speaker. A DLP® 3D projection function\* adds a stereoscopic image projection capability, facilitating highly persuasive presentations with impressive audio and visuals.

\*See page 5 for details.

Note: Separately available 3D Glasses for CASIO Projectors (YA-G30) are required for 3D image viewing. See the Options list on the back cover for details.

## Reduced maintenance requirements

The long-life semiconductor light source reduces maintenance labor and costs dramatically as compared with conventional models that require mercury lamp replacement. The resulting convenience is particularly apparent in cases of fixed projector installation with a ceiling mount.

## Wide function selection expanding the range of projector applications

A mouse-compatible interactive pointing function\* supporting writing on the projection screen enables presenters to use the screen just like a whiteboard. A MobiShow® compatible wireless LAN function permitting wireless communication with PCs and smart phones and a USB 2.0 host function\* enabling PC-free presentations add further presentation possibilities for a variety of circumstances, from business meetings to seminars and conferences.

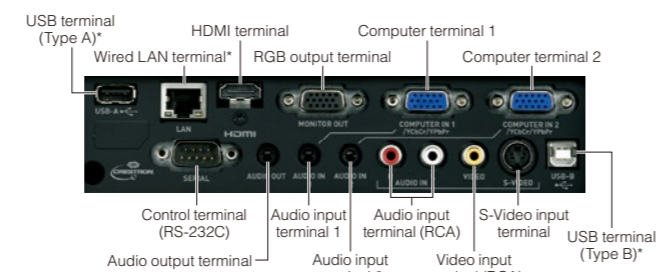
\*See page 5 for details. Supported model: XJ-H1650

Note: Separately available Interactive Pointer (YA-P10) required for use of the interactive pointing function. See the Options list on the back cover for details.



## Variety of interfaces for enhanced versatility

Two input terminals and one output terminal provide full PC connectivity. An HDMI terminal facilitates high-quality image presentations and a composite terminal supports connection with AV devices. Convenient control terminals handle such remote operations as power ON/OFF.



\*XJ-H1650 only

# Short-Throw Models

Capable of projecting on 60-inch screens at a distance of 80cm. Ideal for use in smaller spaces, such as classrooms or conference rooms.



- DLP® 3D projection
- Interactive pointing
- Built-in speaker <10W>
- USB memory compatible
- Wireless connection compatible
- MobiShow® compatible wireless LAN
- Intelligent Brightness Control
- Automatic vertical keystone correction
- Ceiling-mounted projection
- Anti-theft lock
- RGB output terminal
- HDMI terminal
- Control terminal
- Wired LAN terminal

Advanced communications tools impacting the front lines of the education and business fields



## XGA Real Models

3000 ANSI lumens

XJ-ST155

- 3000 ANSI lumens
- XGA Real
- USB memory compatible
- Wireless connection compatible

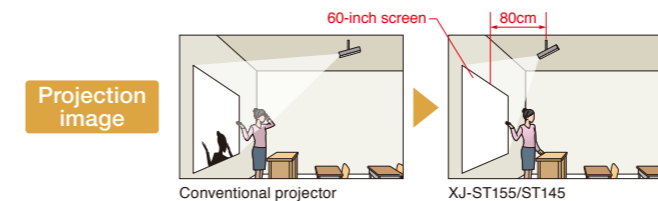
2500 ANSI lumens

XJ-ST145

- 2500 ANSI lumens
- XGA Real
- USB memory compatible
- Wireless connection compatible

## Short-distance projection appropriate for classroom use

These models are equipped with a short-throw lens for projection of 60-inch images at a distance of 80cm. The shorter projection distance provided by this close-up projection reduces shadows on the screen and eliminates the possible distraction of projector light shining in viewers' eyes, optimizing user and viewer comfort. And the varied range of projection method possibilities includes ceiling-mounted projection as an optimal solution.



## Making classes easier to understand and enhancing student understanding

The projection screen can be turned into an electronic blackboard by mouse operation and writing on the projection screen with the optional interactive pointer (YA-P10)\*. The ability to project 3D contents contributes further to students' understanding of the contents. Separately available CASIO 3D Converter (YA-D30)\* software can also be used to convert 2D images to 3D images, further expanding the range of available instruction styles.

\*See the Options list on the back cover for details.

Note: Separately available 3D Glasses for CASIO Projectors (YA-G30) are required for 3D image viewing. See the Options list on the back cover for details.

## Efficient setup and cleanup

Projection at the maximum brightness is possible in as few as five seconds after the power is turned on, and no cooling down period is necessary when the power is turned off. The short-throw models also offer such functions as manual focus that enables intuitive dial operation and automatic vertical keystone correction that corrects distortions of screen images in the upper 30° range, thus optimizing the projector positioning possibilities.



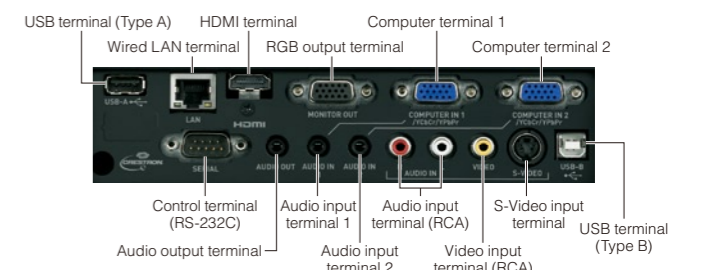
## Ideal for business uses as well

The short-throw lens also suits these models to application in small spaces, such as exhibition booths or meeting rooms. Since they are also equipped with a MobiShow® compatible wireless LAN function and USB 2.0 host function, they perform beautifully in business circumstances ranging from meetings involving multiple PCs to PC-less presentations using smart phones and USB memory.

\*See page 5 for details.

## Full range of interfaces

The wide selection of input and output interfaces includes HDMI terminals that support connectivity with PCs, DVDs and Blu-ray devices with an HDMI cable as well as terminals for PC input and output, AV device connection, USB device connection and control. A built-in 10W monaural speaker adds a powerful audio capability to support projection without the use of external speakers. These capabilities combine to meet wide-ranging needs in fields from education to business.



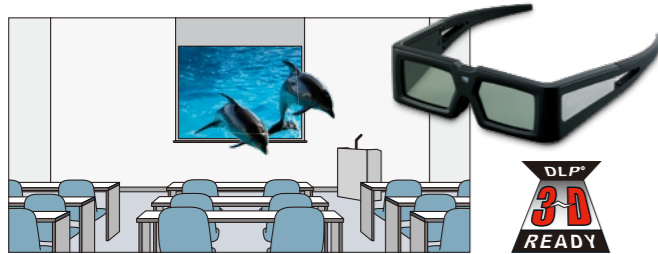
# Function Guide

## DLP® 3D projection function

DLP® 3D projection

This function permits projection of 3D contents onto a screen. Viewers equipped with separately available 3D Glasses for CASIO Projectors (YA-G30)\* can view the resulting high-impact stereoscopic images on a large screen. Installation of separately available CASIO 3D Converter (YA-D30)\* software also enables you to convert 2D images to 3D images on a PC for higher-impact presentations.

\*See the back cover for details.



## MobiShow® compatible wireless LAN function

MobiShow® compatible wireless LAN

Wireless communication (IEEE 802.11b/g) with smart phones and other mobile devices\*1 is available for presentations. Presenters can display everything from screen shots (screen images) from their PC or other terminal, presentation files (PTG) with animation effects\*2 and still image slide shows.

\*1 Compatible with wireless LAN-equipped (IEEE802.11b/g) smart phones with MobiShow® installed. MobiShow® software includes an Android™ version, Apple iOS version and Windows Mobile® version.

\*2 PowerPoint files with animation effects must be converted to a format (PTG) compatible with the projector with the bundled EZ-Converter FA software. The latest version of EZ-Converter FA supports this conversion process, but the EZ-Converter FA available with the slim model (GREEN SLIM) is not compatible.

Notes: Supported functions differ depending on the terminal's OS. Supported devices will be announced on the CASIO Web site.

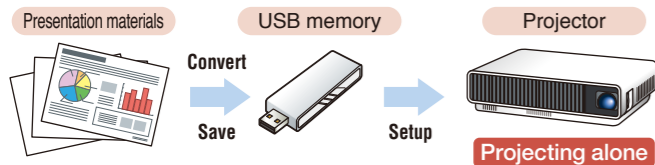


## USB memory compatible

USB memory compatible

The projector body is equipped with a USB 2.0 host function that enables projection of presentation materials saved in a commercially available USB memory. Not only moving and still images, but also PowerPoint files with animation effects, can be displayed after conversion with the bundled EZ-Converter FA software.

[Compatible file formats] • Still images: JPEG, BMP • Moving images: Motion-JPEG (AVI format) • Audio: ADPCM  
[Bundled software] • EZ-Converter FA: Enables users to convert PowerPoint files to a format compatible with this equipment, including animation effects. • ArcSoft Media Converter 3 for CASIO Projectors: Enables users to convert moving image files to a format compatible with these projectors.



## Built-in speaker

Built-in speaker

A speaker installed in the projector body contributes to effective presentations employing audio as well as visuals.

[10W]  
XJ-H1650/H1600, XJ-ST155/ST145

[5W]  
XJ-M255/M250/M245/M240/  
M155/M150/M145/M140



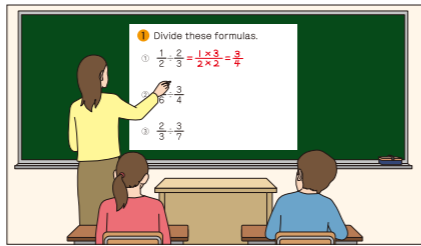
\*Photo shows a Pro Model.

## Interactive pointing function

Interactive pointing

Presenters can conduct pointing and PC operations on the projection screen using the separately available Interactive Pointer YA-P10\* as a remote mouse. They can also use the Presentation Draw software (bundled with the YA-P10) to write characters and draw graphics on the projection screen and turn the screen into a whiteboard.

\*See the back cover for details.

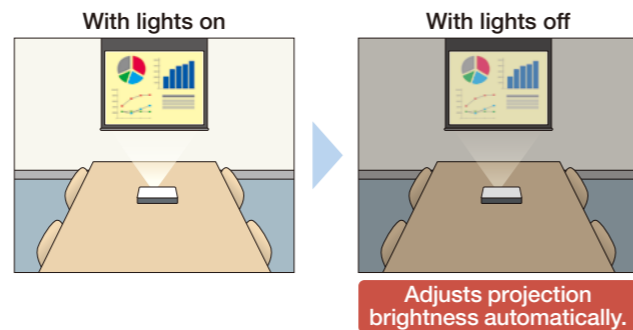


- Writing on a PC desktop enabled
- Regularization of hand-drawn circles and tetragons
- Clipping and zooming in on a designated screen area

## Intelligent Brightness Control

Intelligent Brightness Control

A built-in illumination sensor senses the brightness of the surrounding environment and adjusts the projection brightness automatically. Projecting at the optimal brightness at all times reduces eye strain and contributes to reducing power consumption. Manual adjustment in five levels is also available.



## Wireless connection compatible

Wireless connection compatible

Wireless communication (IEEE802.11b/g) with Windows® PCs can be conducted using the bundled wireless adaptor. The system supports simultaneous projection from up to four terminals (four split-screen display) and simultaneous connection with up to 32 terminals.



## Automatic vertical keystone correction

Detects the positioning of the projector and corrects trapezoidal distortions in the upper 30° range automatically.



\*The image size may be smaller after correction.

## Wide-angle zoom lens

Wide-angle zoom lens

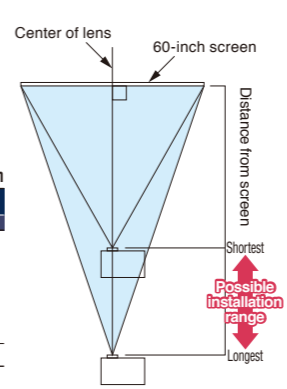
The wide-angle zoom lens permits projector installation across a wider range by enabling projection at the optimal display size from short or long distances from the screen.

\*The magnification differs depending on the model.

■ Possible installation range when projecting on a 60-inch screen

	Standard Models		Pro models
	XGA	WXGA	XGA
Shortest* Possible installation range	2.0m 1.0m	1.7m 0.8m	1.9m 0.4m
Longest*	3.0m	2.5m	2.3m
Magnification	Optical 1.5X		Optical 1.2X

\*Distance from screen



## RGB output terminal

RGB output terminal

This terminal permits simultaneous display of images on a monitor and the screen through connection with a desktop PC monitor, etc.

## Control terminal (RS-232C)

Control terminal

Enables the operator to control the projector from a PC with RS-232C, enabling functions such as remote control power ON/OFF.

## Supported Functions

Model	Standard Models								Pro Models		Short-Throw Models			
	XJ-M255	XJ-M250	XJ-M245	XJ-M240	XJ-M155	XJ-M150	XJ-M145	XJ-M140	XJ-H1650	XJ-H1600	XJ-ST155	XJ-ST145		
Brightness (ANSI lumens)	3000 ANSI lumens			2500 ANSI lumens		3000 ANSI lumens			2500 ANSI lumens		3500 ANSI lumens		3000 ANSI lumens	2500 ANSI lumens
Display resolution	WXGA Real				XGA Real				XGA Real		XGA Real			
DLP® 3D projection	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Interactive pointing function	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Built-in speaker	5W				10W				10W					
USB memory compatible	●	—	●	—	●	—	●	—	●	—	●	●	●	●
Wireless connection compatible	●	—	●	—	●	—	●	—	●	—	●	●	●	●
MobiShow® compatible wireless LAN	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Intelligent Brightness Control	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Automatic vertical keystone correction	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wide-angle zoom lens	1.5X				1.2X				—					
Ceiling-mounted projection compatible	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Anti-theft lock	●	●	●	●	●	●	●	●	●	●	●	●	●	●

- Direct power ON/OFF** ..... Starts projection automatically when the AC power cord is plugged in. Power key operation is unnecessary when simply plugging in the AC power cord while the power is off.
- Rear projection** ..... Enables projection from the rear surface of the screen by inverting images horizontally. (Rear-projection compatible screen required.)
- Front air exhaust** ..... Positioning the air exhaust fan on the front of the projector prevents blowing of warm air on people on either side of or behind the projector.
- Mute** ..... Temporarily turns off images from input sources and sound from the built-in speaker.
- Blank** ..... Turns off images from input sources temporarily.
- Freeze** ..... Memorizes projected images in the main body and displays them as still images.
- Closed captioning** ..... Displays the sound of TV shows or video productions on the screen in text format.
- Wireless remote controller** ..... Wireless remote controller with mouse function included.

## Supported interfaces

Model	Standard Models								Pro Models		Short-Throw Models	
	XJ-M255	XJ-M250	XJ-M245	XJ-M240	XJ-M155	XJ-M150	XJ-M145	XJ-M140	XJ-H1650	XJ-H1600	XJ-ST155	XJ-ST145
Computer terminal	●	●	●	●	●	●	●	●	●x2	●x2	●x2	●x2
RGB output terminal	—	—	—	—	—	—	—	—	●	●	●	●
USB terminal (Type A)	—	—	—	—	—	—	—	—	●	—	●	●
USB terminal (Type B)	—	—	—	—	—	—	—	—	●	—	●	●
HDMI terminal	●	●	●	●	●	●	●	●	●	●	●	●
S-Video input terminal	●	●	●	●	●	●	●	●	●	●	●	●
Video input terminal (RCA)	●	●	●	●	●	●	●	●	●	●	●	●
Audio input terminal (RCA)	●	●	●	●	●	●	●	●	●	●	●	●
Audio input terminal	●	●	●	●	●	●	●	●	●x2	●x2	●x2	●x2
Audio output terminal	●	●	●	●	●	●	●	●	●	●	●	●
Control terminal	●	●	●	●	●	●	●	●	●	●	●	●
Wired LAN terminal	●	—	●	—	●	—	●	—	●	—	●	●

## Ceiling-mounted projection compatible

Ceiling-mounted projection

Ceiling mounting is convenient for fixed positioning of a projector in venues such as conference rooms, classrooms or exhibition booths.

\*Images are vertically inverted for projection when ceiling mounting is employed.

\*Please contact your CASIO dealer for ceiling-mounting fittings/installation.



## Anti-theft lock

Anti-theft lock

A Kensington® standard-compatible anti-theft lock hole is installed to help prevent unexpected thefts before they occur.

\*Use a commercially available Kensington® standard anti-theft wire lock to take advantage of this function.

## HDMI terminal

HDMI terminal

Connecting an HDMI cable to this terminal makes presentation of high-quality digital images and sound easy.

## Wired LAN terminal

Wired LAN terminal

Remote control and monitoring of a projector from a PC via wired LAN is also possible. Compatibility with Crestron/AMX/Extron control boxes enables not only collective projector management on a network but also management from a control panel on a PC browser screen.