#### **■**Lineup

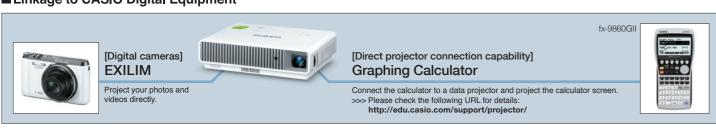


Model		TORTHUM				TREFFERE					
	XJ-M256	XJ-M251	XJ-M246	XJ-M241	XJ-M156	XJ-M151	XJ-M146	XJ-M141			
Brightness	3000 lu	mens	2500	umens	3000	umens	2500	umens			
Display resolution		WXG	A Real			XGA	Real				
USB memory compatible / Wireless connection compatible	•		•		•		•	_			
Weight		3.9	9kg		3.9kg						

			Slim N	Models							
Model		o in	CIEVO								
	XJ-A257	XJ-A252	XJ-A247	XJ-A242	XJ-A147	XJ-A142					
Brightness	3000 I	umens	2500 I	umens	2500 I	umens					
Display resolution		WXGA	A Real		XGA	Real					
USB memory compatible / Wireless connection compatible	•		•		•						
Weight	2.3kg 2.3kg										

_		Pro N	Models		Dual-projection System
Model					
	XJ-H1750	XJ-H1700	XJ-H2650	XJ-H2600	XJ-SK600
Brightness	4000 lu	ımens	3500	umens	6000 lumens
Display resolution	XGA	Real	WXG	A Real	WXGA
USB memory compatible / Wireless connection compatible	•		•		<del>_</del>
Weight		7.	1kg		18.3kg

#### ■ Linkage to CASIO Digital Equipment



#### 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 those of the actual products of the 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. •The Class of laser products is to be referred to Setup Guide or separate shere coming with projectors.

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http://world.casio.com/ CASIO COMPUTER CO., LTD.

SIO COMPUTER CO Tokvo, Japan



**ULTRA SHORT-THROW MODEL** 



SLIM MODELS

Optimized for economy, ecology & operability. **CASIO** lamp-free projectors.

"Producing something from nothing" expresses CASIO's original product development concept of perpetual new value creation. Advanced electronic, optical and miniaturization technologies provide the key. This DNA strain, which we call "CASIOism," has been flowing through our veins for over a decade in the projector business as well.

Today, creating eco-friendly new value is a primary goal for CASIO projectors. Seeking to realize high-brightness projection without the use of environmentally hazardous mercury lamps, CASIO led the world with development of its epoch-making Laser & LED HYBRID light source technology in 2010.

Our purpose in discontinuing the use of mercury lamps was not only to help reduce the environmental burden, but also to optimize cost performance by adopting a light source with a long life of approximately 20,000 hours. Total cost of ownership (TCO) is dramatically reduced, and economic efficiency is elevated to the high level our era demands. Yet another objective was to achieve superior operability of the projector as a communications tool, beginning with high-speed operation. CASIO mercury-free projectors do it all.

Adding unprecedented new value to the projector, and raising standards for the next generation, CASIO moves forward as a one-of-a-kind manufacturer with an ongoing tradition of innovation.

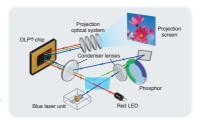


# **PERFORMANCE**



#### Laser & LED light source technology

CASIO's hybrid light source achieves a high level of brightness without the use of a high-pressure mercury lamp by employing a laser and an LED to produce light in different colors: red by adopting a high-brightness red LED; green by using phosphor to convert blue laser light; and blue generated by blue laser.\* \*Blue emitted by a blue LED available in the XJ-H and XJ-ST series.



#### Low TCO

A long light source life measuring approx. 20,000 hours reduces maintenance costs due to downtime and lamp replacement. An original optical engine achieves high-efficiency light generation, while inhibiting dimming of the projection light as time goes by.

#### Mercury free

A semiconductor light source combining a laser and LED achieves both mercury-free environmentally friendly performance and high-brightness for agreeable projection. The resulting projector is both eco-friendly and high-brightness.

#### Quick start

Maximum projection brightness is reached in as few as 5 seconds\*, significantly reducing the time from startup to on-screen display. With no cooling down required after the power is turned off, moreover, operators can handle everything from setting up to packing up smartly and speedily.

# **FUNCTIONALITY**



#### Smart device applications (C-Assist)

CASIO's original C-Assist dedicated app enables users to conduct sophisticated wireless operations and presentations using such smart devices as smartphones and tablets. This gives speakers greater freedom to move around and deliver more dynamic presentations.

#### Wireless presentation

Projection operation is performed from a smartphone or tablet. The ability to add written information to a projected image gives the presenter even greater flexibility.



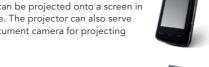
#### **Browser projection**

Websites accessed by a browser on a tablet or other device can be projected without conversion. This facilitates sharing of search results.



#### Wireless camera

Photos shot with a smartphone or other device can be projected onto a screen in real time. The projector can also serve as a document camera for projecting



#### Simple remote to PC

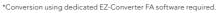
Remote control of a PC by smartphone or other device enables projection operations such as file selection or page changing to be conducted from a distance.



PDF Still image Movie PtG ECA

#### Internal memory

The main projector unit comes with a 2GB internal memory installed. Users can use it to store and project presentation materials without a PC. Memory operation is available for both moving and still images as well as for PowerPoint files\* in PDF format and animation effects. The memory proves especially handy when making presentations away from the office.



# LINEUP



#### Ultra Short-throw model

Operators can project images onto a large 60-inch screen from a distance as short as 13cm.\* This enables the projector to be used in classrooms or conference rooms with limited installation space. Since background reflections and distractions caused by light from the projector's lamp shining in viewers' eyes are eliminated, moreover, a comfortable projection environment is assured

• Projection onto 60-inch screen from 13cm

\*See page 9 for details concerning throw distances.

- Wall installation possible with separately available fixture

#### Enhanced lineup enabling use of visuals in a wider range of venues on various occasions



#### Travel-friendly for use anywhere

Slim Models



**Machine LampFree** 

#### Conference halls/Presentation rooms



# ULTRA SHORT-THROW

XJ-UT310WN WXGA Real 3100 lumens USB memory compatible Wireless connection compatible





Projects 60-inch screen-size images from distances as short as 13 cm. This ultra short-throw projector that fits in anywhere operates in environments across the range from classrooms to conference halls.

A separately available wall mount solves the problem of installation in cramped spaces. A comfortable projection environment is assured.

#### Large-screen projection from ultra-short distances

The remarkable short-focus lens achieves 60-inch screen-size projection from a distance of 13cm\*. This shorter throw not only prevents background reflections from appearing on the screen, but it also keeps light from the light source from shining in viewers' eyes for more comfortable viewing. 60-inch scr





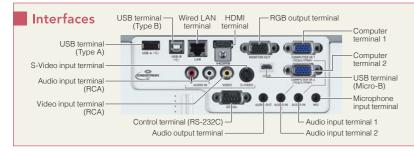


#### Internal memory for PC-free presentations

Presentation materials stored in the (2GB) internal memory can be projected without using a PC. Operators can project still or moving images as well as files in PDF (and other) formats without conversion. Operation can be conducted using the bundled remote controller or a smartphone

SHORT-THROW

XJ-ST155 XGA Real 3000 lumens USB memory compatible Wireless connection compatible



#### Networking for enhanced classroom teaching convenience (C-Assist)

When a wireless network is constructed with dedicated software C-Assist, image projection can be controlled by smartphone or tablet from anywhere in the classroom. Teachers enjoy a wider choice of teaching styles.

◆Wireless presentation ◆Wireless camera ◆Browser projection ◆Simple PC remote contro



#### Dust resistance ensuring stable long-term operation

The main projector unit employs an original dust-resistant structure that effectively prevents the incursion of dust into the optical engine section. A dust-proof shield is installed to guard internal parts, and a filter in the air intake vent adds further dust resistance. These precautions reduce labor requirements for periodic cleaning as well as degradation of projection brightness due to dust, thus enabling long-term stable operation in dusty environments such as classrooms.

#### Main Functions

- Built-in speaker <16W>
- USB memory compatible
- Wireless connection compatible
- C-Assist
- Intelligent Brightness Control
- Vertical keystone correction
- Wall-mounted projection
- Anti-theft lock
- HDMI terminal Control terminal
- Wired LAN terminal
- USB display

#### Capable of projecting onto a 60-inch screen from a distance of 80cm. Ideal for use in smaller spaces, such as classrooms or meeting rooms.

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

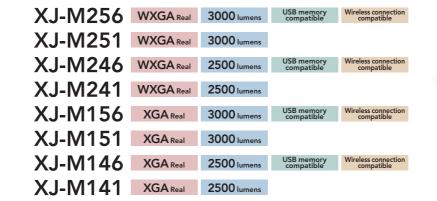


#### Main Functions

- Built-in speaker <10W>
- USB memory compatible
- Wireless connection
- compatible MobiShow® compatible
- wireless LAN function
- Intelligent Brightness Control
- Automatic vertical keystone correction
- Ceilina-mounted projection compatible
- Anti-theft lock
- HDMI terminal Control terminal
- Wired LAN terminal

# STANDARD













## Multiple functions supporting easy, environmentally friendly use in wide-ranging venues.

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

#### 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.

#### Vertical positioning expanding the scope of use

The projector's ability to project images straight up or down facilitates creation of visual presentations with high-impact advertising effects, such as promotions projected onto the floor of a conference hall or presentations using a showroom ceiling.



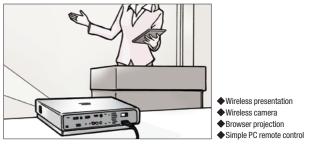
#### Internal memory for PC-free presentations

Presentation materials stored in the (2GB) internal memory can be projected without using a PC. Operators can project still or moving images as well as files in PDF (and other) formats without conversion. Operation can be conducted with the bundled remote controller or a smartphone



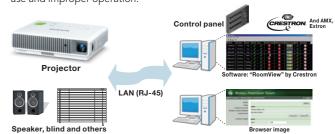
#### Smart wireless presentations (C-Assist)

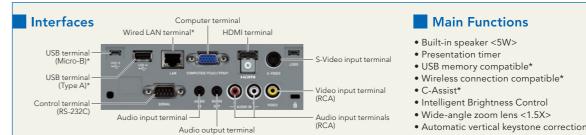
Wireless communication from a smartphone or tablet with the C-Assist dedicated app installed enables control of projected images, real-time projection of images from a camera, projection of browser pages and remote PC operation. The scope of available presentation styles is broadened dramatically.



#### Centralized control and remote operation functions

The projector can be controlled from a PC using an RS-232C connection or wired LAN, with centralized control of all terminals on the network enabled. The main projector unit is equipped with a keylock that disables all operations except power ON/OFF to prevent unauthorized use and improper operation.





#### Main Functions

- Built-in speaker <5W>
- Presentation timer
- USB memory compatible\*
- Wireless connection compatible\* • C-Assist\*
- Intelligent Brightness Control
- Wide-angle zoom lens <1.5X>
- USB display\*

Ceiling-mounted

Anti-theft lock

HDMI terminal

projection compatible

• Wired LAN terminal\*

\*Supported models: XJ-M256/M246/M156/M146

XJ-A257	WXGA Real	3000 lumens	USB memory compatible	Wireless connection compatible
XJ-A252	WXGA Real	3000 lumens		
XJ-A247	WXGA Real	<b>2500</b> lumens	USB memory compatible	Wireless connection compatible
XJ-A242	WXGA Real	<b>2500</b> lumens		
XJ-A147	XGA Real	2500 lumens	USB memory compatible	Wireless connection compatible
XJ-A142	XGA Real	2500 lumens		







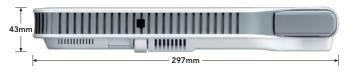


## Innovative mobile styling, featuring a slim 43mm case, A4 document size and light 2.3kg weight.

Carry your projector along with your documents, or slip it neatly into a slim-lined briefcase. It goes to work wherever you need it, not only in conference rooms or classrooms but also on business trips or during training sessions.

#### Mobile configuration for carrying convenience

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



#### Smart ceiling installation

An optional mount enables users to attach the projector securely to the ceiling. Its lightweight, compact design, matched to the shape of the main projector unit, is tastefully unobtrusive, ensuring that the projector blends in with conference room and classroom facilities and decor.

\*When suspended from the ceiling, the projector vertically inverts the images for projection.

#### Wireless operation for smooth meetings and presentations (C-Assist)

Wireless connection with a smartphone or tablet by C-Assist permits remote control of the projector or a PC. The ability to change from one projected image to another, project digital images taken with a camera in real time and share pages accessed by browser with viewers contributes to more efficient conferences and impressive presentations.



#### Wireless presentation ◆Wireless camera

Browser projection ◆Simple PC remote control

USB terminal (Micro-B)

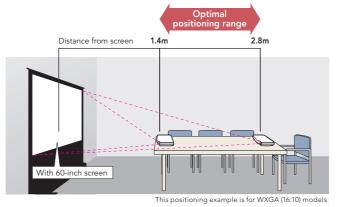
- Built-in speaker <1W>
- Presentation timer

Main Functions

- USB memory compatible\*1 • Wireless connection compatible\*1
- C-Assist\*1
- Intelligent Brightness Control
- Wide-angle zoom lens <2X>
- Automatic vertical keystone correction

#### 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: April 2014 CASIO investigation



#### Internal memory for PC-free presentations

Presentation materials stored in the (2GB) internal memory can be projected without a PC. Operators can project still or moving images as well as files in PDF (and other) formats without conversion. Operation can be conducted with the bundled remote controller or a smartphone.



#### • Ceiling-mounted projection compatible • Anti-theft lock HDMI termina Control terminal\*2 • USB display\*1



XJ-H1750 XGA Real 4000 lumens USB memory compatible Wireless connection compatible XJ-H1700 XGA Real 4000 lumens XJ-H2650 WXGA Real 3500 lumens USB memory compatible Wireless connect compatible XJ-H2600 WXGA Real 3500 lumens







#### Projects images at 4000 lumens, a high-brightness level suitable for use in medium-sized halls.

Provides practical solutions to requirements ranging from ceiling-mounted projection to digital signage. Appropriate for large-screen projection in spacious screening environments or well-lit rooms.

#### 4000 lumens enabling projection virtually anywhere

Pro models achieve brightness as high as 4000 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.

#### Custom logo capture

This function captures screen images during projection and saves the captured data in internal memory as "custom logos." Users can display corporate and brand logos on the startup screen when no images are being transmitted or the screen is blank.

\*Supported models: XJ-H2650/H2600

#### Built-in 10W monaural speaker

The main projector unit is equipped with a built-in 10W monaural speaker. The resulting powerful sound output, achieved without an external speaker, contributes to highly persuasive presentations combining images with sound.



#### Keylock on main unit

Locking the operating keys on the main projector unit prevents unauthorized use and improper operation. Remote control of the projector via wired LAN or a control terminal remains possible, even with keylock on. This security feature is particularly convenient when using the projector in schools, public facilities and other venues frequented by the general public. \*Supported models: XJ-H2650/H2600



#### Main Functions

- Built-in speaker <10W>
- USB memory compatible\*
- Wireless connection compatible\* MobiShow® compatible wireless
- LAN function\* • Intelligent Brightness Control • Automatic vertical keystone
- Wide-angle zoom lens <1.2X>
- Ceiling-mounted projection compatible
- Anti-theft lock • RGB output terminal
- HDMI terminal
- Control terminal
- Wired LAN terminal\*

\*Supported models: XJ-H2650/H1750

# **DUAL-PROJECTION**

XJ-SK600 WXGA 6000 lumens









XJ-SK600

## Stacked projection providing high brightness up to approximately 6,000 lumens.

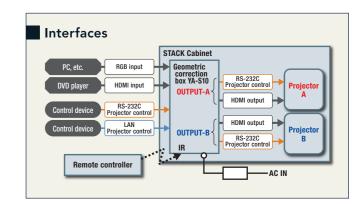
Two stacked projectors project overlapping images onto a single screen. The result is sharper, brighter images, even when using a large screen in venues such as restaurants, store windows, pubs or sports bars.

### Geometric correction function for easy image alignment

Operators can project the built-in Guide feature and make adjustments for image distortion with the remote control, easily aligning images precisely while conducting stacked projection. Besides flat-surface compensation when projecting at an angle, correction can be conducted for projection onto curved surfaces using free-form surface compensation with a lattice of up to 81 grid points.

#### Geometric correction box [YA-S10]

Connecting the geometric correction box makes dual-projection system compensation functions available for a single projector as well. Users can correct screen images when projecting at an angle or onto curved pillars or flat surfaces. The compact box takes up very little space.



Interfaces

# **FUNCTION GUIDE**

#### C-Assist

CASIO's original C-Assist dedicated app enables users to conduct wireless operations and presentations with smart devices such as smartphones or tablets This frees them to adopt sophisticated operation styles that can enhance their presentations' impact and persuasiveness

#### Wireless presentation

Projection by intuitive operation is a simple matter of opening a file with the dedicated app and tapping the page to be projected. A draw mode is provided, moreover, that permits users to write or draw on a projected image and save the result as image data.

#### Browser projection

Operators can project Website images by using a dedicated app to call up a browse They can input URLs directly or access sites with bookmarks, and then share the contents of accessed sites on a large screen.

#### Wireless camera

Real-time projection of photos is enabled by activating the camera function with the dedicated app. This enables use of a mobile device as a hand-held document camera, which proves helpful for projecting 3D objects in real-life circumstances.

#### Simple remote to PC

Remote control is enabled by accessing a PC with a dedicated app. Digital contents can be manipulated on the PC by touch screen or keyboard to control projected images from a remote location. This function significantly broadens the scope of available presentation styles.



#### Internal memory

The main projector unit is equipped with a 2GB internal memory. Presentation materials can be stored in memory and projected without using a PC. Not only can moving and still images and PDF files be projected without conversion, but PowerPoint files with animation effects can also be played back after conversion with free software EZ-converter FA available at CASIO web. Image selection can be performed with the bundled remote controller or a smartphone.











## 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 free software EZ-converter FA available at CASIO web.

[Compatible file formats] •Still images: JPEG, BMP, PNG, GIF ges: AVI, MOV, MPEG-4, H.264 [Bundled software] \*EZ-Converter FA : Enables users to convert PowerPoint files to a format compatible with this equipment, including animation effects.

(OS support : http://world.casio.com/support/os\_support/)







USB memory





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

Automatic vertical keystone correction

## DLP® 3D projection function

This function permits projection of 3D contents onto a screen.\*1 Viewers equipped with separately available 3D Glasses for CASIO Projectors  $(YA-G30)^{*2}$  can view the resulting high-impact stereoscopic images on a large screen. Installation of separately available CASIO 3D Converter (YA-D30)\*2 software also enables users to convert 2D images to 3D images on a PC for higher-impact presentations.

 $^{*1}$  In the case of 3D projection, the HDMI and component interfaces are not compatible. \*2 See page 8 for details.

### User logo image

Users can display corporate and brand logos on the startup screen when no images are being transmitted or the screen is blank.

#### Keylock on main projector unit

The keylock disables the operating keys on the main projector unit, except for the power ON/OFF key, to prevent unauthorized use and improper operation. Remote control of the projector via wired LAN or a control terminal remains possible while keylock is on. Users enjoy peace of mind when using the projector in schools, public facilities and other venues frequented by the general public.

#### Network projection

Network projection with a Windows® or Macintosh® PC can be conducted using the bundled wireless LAN adaptor. The system supports simultaneous projection from up to four terminals (four split-screen display) Software for Network connection with Windows® and Macintosh® is available for downloading on the CASIO Website: http://www.casio.com/support/

	Windows	iviacintosn⊎
UST / Standard / Slim	Network c	connection
Pro / Short-shrow	Wireless connection 3	WePresent
Simultaneous p Up to 4 terr	projection: minals	- Land

#### Presentation Timer

The Presentation Timer function displays an elapsed time countdown on the projection screen during presentations. This alerts users at a glance to the remaining time or time overruns.

#### Built-in speaker

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

[16W] XJ-UT310WN [10W] XJ-ST155, XJ-H1750/H1700/H2650/H2600





\*Photo shows a Pro mode

#### 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





### 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)

Connection through this terminal permits the operator to control such projector functions as power ON/OFF remotely by PC.

#### Ceiling-mounted projection compatible

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

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

#### 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

#### HDMI terminal

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

#### 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

### Supported functions

Model	Model	Model																			Model
modor	XJ-UT310WN	XJ-ST155	XJ-M256	XJ-M251	XJ-M246	XJ-M241	XJ-M156	XJ-M151	XJ-M146	XJ-M141	XJ-A257	XJ-A252	XJ-A247	XJ-A242	XJ-A147	XJ-A142	XJ-H1750	XJ-H1700	XJ-H2650	XJ-H2600	XJ-SK600
Brightness (ANSI lumens)	3100	3000	30	00	25	00	30	000	25	00	30	000	25	00	25	00	40	00	35	00	6000
Display resolution	WXGA Real	XGA Real		WXG	A Real			XGA	Real			WXG	A Real		XGA	Real	XGA	Real	WXG	A Real	WXGA
C-Assist	•	_	•	_	•	-	•	-	•	_	•	-	•	_	•	_	_	_	_	_	_
Internal memory	•	_	•	_	•	_	•	_	•	_	•	_	•	_	•	_	_	_	_	_	_
USB memory compatible	•	•	•	_	•	_	•	-	•	_	•	_	•	_	•	_	•	_	•	•	_
Network projection	•	•	•	_	•	_	•	I -	•	_	•	_	•	_	•	_	•	_	•	•	_
Wide-angle zoom lens	_	_				1.	5X						2	X				1.	2X		1.5X
Built-in speaker	16W	10W				5	W						1	W				10	W		5Wx2
Intelligent Brightness Control	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Automatic vertical keystone correction	_	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	_
Presentation timer	•	_	•	•	•	•	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_
Ceiling-mounted projection compatible	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Anti-theft lock	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DLP® 3D projection function	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_	_	•	•	•	•	_
User logo image	•	_	•	•	•	•	•	•	•	•	•	•	•	•	•	•	_	_	<b>*</b>	<b>*</b>	_
Main unit keylock	•	_	•	•	•	•	•	•	•	•	•	•	•	•	•	•	_	_	•	•	_
	Dire	ct powe	er ON/O	)FF								rd is plug gging in t		ower cor	d while t	he powe	r is off.				
	Rea	r projec	tion		Er	nables pr	ojection	from the	rear surf	face of th	ne screer	n by inve	rting ima	ges horiz	zontally.	(Rear pro	ojection o	compatib	le screei	n require	d.)
	Fron	nt air ex	haust -					exhaust f -UT310W		e front of	the proj	ector pre	vents blo	owing of	warm air	on peop	le on eitl	her side	of or beh	ind the p	orojector.
Other functions	Mute	e			Te	mporaril	y cuts of	f the aud	io output	from sp	eaker.										
	Blan	ık			Te	mporaril	y cuts the	e project	ion imag	e and the	e audio d	output fro	m speak	er from i	nput sou	rce.					

Memorizes projected images in the main body and displays them as still images.

Displays the sound of TV shows or video productions on the screen in text format. (Except XJ-SK600)

Wireless remote controller with mouse function included. (XJ-ST155, XJ-H1750/H2650 only)

\*Users can display corporate and brand logos on the startup screen when no images are being transmitted or the screen is blank

## Supported interfaces

Closed captioning

Interactive pointing

Model	UST Model	Short-throw Model		Standard Models									Slim Models					Pro N	lodels		Dual- projection Model
Model	XJ-UT310WN	XJ-ST155	XJ-M256	XJ-M251	XJ-M246	XJ-M241	XJ-M156	XJ-M151	XJ-M146	XJ-M141	XJ-A257	XJ-A252	XJ-A247	XJ-A242	XJ-A147	XJ-A142	XJ-H1750	XJ-H1700	XJ-H2650	XJ-H2600	
Computer terminal	●x2	●x2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	●x2	●x2	● x2	●x2	•
RGB output terminal	•	•	_	I –	—	_	_	_	_	_	_	_	_	_	_	_	•	•	•	•	_
USB terminal (Type A)	•	•	•	T —	•	_	•	_	•	_	•	_	•	_	•	_	•	_	•	_	_
USB terminal (Type B)	●x2	•	●x2	•	●x2	•	●x2	•	●x2	•	●x2	•	●x2	•	●x2	_	•	_	•	_	_
HDMI terminal	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	●x3
S-Video input terminal	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_	_	•	•	•	•	_
Video input terminal (RCA)	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_	_	•	•	•	•	_
Audio input terminal (RCA)	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_	_	•	•	•	•	_
AV terminal	_	_	_	T -	—	_	_	_	_	_	•	•	•	•	•	•	_	_	_	_	_
Audio input terminal	●x2	●x2	•	•	•	•	•	•	•	•	_	_		_	_	_	●x2	●x2	● x2	●x2	l –
Audio output terminal	•	•	•	•	•	•	•	•	•	•	_	_	_	_	_	_	•	•	•	•	_
Control terminal	•	•	•	•	•	•	•	•	•	•	•*	•*	•*	•*	•*	•*	•	•	•	•	•
Wired LAN terminal	•	•	•	I -	•	_	•	_	•	_	_	_	_	_	_	_	•	_	•	_	•

\*Requires separately available YK-60 serial conversion cable.

## **Specifications**

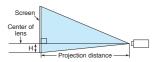
Function		Ultra Short-throw Model	Short-throw Model					;			Slim Models					Pro	Models		Dual-projection System		
FullCuon		XJ-UT310WN	XJ-ST155	XJ-M256	XJ-M25	1 XJ-M246	XJ-M241	XJ-M156	XJ-M151	XJ-M146	XJ-M141	XJ-A257	XJ-A252	XJ-A247	XJ-A242	XJ-A147	XJ-A142	XJ-H1750 XJ-H1700	XJ-H2650	XJ-H2600	XJ-SK600
Brightness*1		3100 lumens	3000 lumens	3000 li	umens	2500 lur	mens	3000 lu	umens	2500 I	umens	3000	lumens	2500	lumens	2500 lu	nens	4000 lumens	3500	lumens	Approx. 6000 lumens
Contrast rati	0	1800 : 1	1800 : 1				1800	D:1						180	00 : 1			1	400 : 1		1800 : 1
Light source	lifetime	20,000 hours	20,000 hours				20,000	hours						20,00	0 hours			20,	000 hours		20,000 hours
Keystone co	rrection	±5° (manual)	+30° (auto) ±30° (manual)			+	30° (auto) ±	30° (manual)						+30° (auto)	±30° (manual)			+30° (auto	±30° (manual)		±30° (manual)
Focusing		Manual focus	Manual focus				Manual	l focus						Manual p	ower focus			Ma	nual focus		Manual focus
Projection le	ns	Fixed focus lens	Fixed focus lens				X optical zoor	m lens (manual						2X optical po	wer zoom lens			1.2X optical	zoom lens (manual)		1.5X optical zoom lens (manual)
Projection so	creen size	50 ~ 110-inch	45 ~ 142-inch		35 ~	300-inch			35 ~ 3	300-inch			18 ~ 3	00-inch		15 ~ 30		27 ~ 300-inch		~ 300-inch	50 ~ 300-inch
Projection ra	nge	60-inch-screen: 0.13m, 100-inch-screen: 0.40m, Minimum range: 0.06m	60-inch screen: 0.82m, 100-inch screen: 1.40m, Minimum range: 0.61m			n: 1.71m ~ 2.50m 4.18m, Minimum ra				n: 2.02m~2.95r 93m, Minimum		100-inch sc		n: 1.43m~2.84m 75m, Minimum		60-inch screen: 100-inch screen: Minimum ra	2.86m~5.61m		, 100-inch scree	n: 2.11m ~ 2.52m, en: 3.54m~4.23m, range: 1.03m	60-inch screen: 1.71m - 2.50m 100-inch screen: 2.88m - 4.18m
Projection sy	vstem	DLP® chip × 1, DLP® system	DLP® chip × 1, DLP® system			DL	.P® chip × 1,	DLP® system	n					DLP® chip ×	1, DLP® system		90. 0.0		× 1, DLP® system	-ungo: 1.00	DLP® chip × 1, DLP® system
		WXGA 0.65-inch DLP® chip	XGA 0.7-inch DLP® chip		WXGA 0.65-	-inch DLP® chip		2	XGA 0.55-in	ch DLP® chip			WXGA 0.65-i	nch DLP® chip		XGA 0.55-incl	DLP® chip	XGA 0.7-inch DLP® chip	WXGA 0.65-	inch DLP® chip	WXGA 0.7-inch DLP® chip
Display elem	ient	1,024,000 pixels (1,280 x 800)	786,432 pixels (1,024 x 768)	1	,024,000 pix	xels (1,280 x 800)		7	786,432 pixel	ls (1,024x768	)		1,024,000 pixe	els (1,280 x 800)		786,432 pixels	(1,024 x 768)	786,432 pixels (1,024 x 768)	1,024,000 pix	rels (1,280 x 800)	1,024,000 pixels (1,280 x 800)
Color reprod	uction	Full color (16.77 million colors)	Full color (16.77 million colors)			Ful	I color (16.77	million colors	s)					Full color (16.7	7 million colors	;)		Full color (10	6.77 million colors)		Full color (16.77 million colors)
	E	WXGA Real (1,280 x 800)	XGA Real (1,024 x 768)		WXGA Rea	al (1,280 x 800)			XGA Real (	1,024 x 768)			WXGA Real	(1,280 x 800),		XGA Real (1,		XGA Real (1,024 x 768),		(1,280 x 800),	WXGA (1,280×800),
	Display resolution	Compressed: Maximum UXGA (1,600 x 1,200)	Compressed: Maximum UXGA (1,600 x 1,200)	Compres	sed: Maximu	um UXGA (1,600 x	(1,200)	Compress	sed: Maximur	m UXGA (1,60	0 x 1,200)	Compr	essed: Maximui	m UXGA (1,600	x 1,200)	Compressed: M	ximum UXGA 600 x 1.200)	Compressed: Maximum UXGA (1.600 x 1.200)		Maximum UXGA (1.600 x 1.200)	Compressed: Maximum UXGA (1,600x1,200)
RGB		RGB mini D-Sub 15 pin x 2	RGB mini D-Sub 15 pin x 2			F	RGB mini D-S	ub 15 pin x 1						RGB mini D-	Sub 15 pin x 1		, ,	RGB mini	D-Sub 15 pin x 2	, , , , , , , , , , , , , , , , , , , ,	Component: Mini D-Sub 15 pin
	Input terminal	(Also serves as YCbCr/YPbPr input terminal.)	(Also serves as YCbCr/YPbPr input terminal.)			(Also serv	es as YCbCr/	YPbPr input ter	erminal.)				(Also	serves as YCbC	r/YPbPr input ter	rminal.)		(Also serves as YCh	Cr/YPbPr input tern	ninal.)	YCbCr/YPbPr (480i - 1080P)
	Output terminal	RGB mini D-Sub 15 pin x 1 (Operational on standby)	RGB mini D-Sub 15 pin x 1				_	_							_	-		RGB mini	D-Sub 15 pin x 1		RGB mini D-Sub 15 pin x 1
Digital input	Input terminal	HDMI Type A x 1 (480P ~ 1080P)	HDMI Type A x 1 (480P ~ 1080P)			HDM	II Type A x 1 (	(480P ~ 1080P)	P)					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/P	PAL/PAL-N/PA	L-M/PAL60/SE	ECAM				NT	SC/PAL/PAL-N/F	AL-M/PAL60/SE	CAM		NTSC/PAL/PAL-N	I/PAL-M/PAL60/SEC	AM	NTSC/PAL/PAL-N/PAL-M/PAL60/SECAM
Video input		Composite (RCA) terminal x 1, S-Video terminal x 1	Composite (RCA) terminal x 1, S-Video terminal x 1			Composite (R	RCA) terminal	x 1, S-Video to	terminal x 1			Comp	posite: AV termi	nal (3.5mm min	i-jack) (Also ser	ves as audio termi	nal.)	Composite (RCA) term	inal x 1, S-Video terr	minal x 1	Composite (RCA) terminal x 1, S-Video terminal x 1
	Input terminal	Component: Also serves as RGB mini D-Sub 15 pin.	Component: Also serves as RGB mini D-Sub 15 pin.			Component: A	Also serves as	s RGB mini D-	-Sub 15 pin.				Compone	ent: Also serves	as RGB mini D-9	Sub 15 pin.		Component: Also serve	es as RGB mini D-Su	b 15 pin.	Component: Also serves as RGB mini D-Sub 15 pin.
A 11	Input/output terminal	RCA x 1 (R/L), Stereo mini-jack x 2	RCA x 1 (R/L), Stereo mini-jack x 2			RCA	x 1 (R/L), Ste	ereo mini-jack x	x 1				3.5mm mini-	-jack x 1 (Also s	erves as video ir	nput terminal.)		RCAx1 (R/L),	Stereo mini-jack x 2		HDMI
Audio	Speaker	16W x 1 monaural	10W x 1 monaural				5W x 1 m	nonaural						1W x 1	monaural			10W x	1 monaural		5W x 2 monaural
	USB host	USB (2.0-compliant)  Type A x 1(USB terminal on rear)*2	USB (2.0-compliant)  Type A x 1(USB terminal on rear)*2	USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	USB (2.0-compliant) Type A x 1 (USB terminal)*2	_	USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	USB (2.0-compliant) Type A x 1 (USB terminal)*		USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	USB (2.0-compliant) Type A x 1  — (USB terminal) <sup>12</sup> on rear	USB (2.0-compliant) Type A x 1 (USB terminal)*2 on rear	_	_
Other terminals	USB function	USB (2.0-compliant) Type B x 1 (USB terminal on rear)	USB (2.0-compliant)  Type B x 1 (USB terminal on rear)*3	Micro x 1	_	Micro x 1	_	Micro x 1	_	Micro x 1	_	Micro x 1	_	Micro x 1	_	Micro x 1	_	USB (2.0-compliant) Type B x 1 (USB terminal on rear)*2	USB (2.0-compliant Type B x 1 (USB terminal on rear)		_
	Control terminal	RS-232C (mini D-Sub 9 pin) x 1	RS-232C (mini D-Sub 9 pin) x 1			RS-	-232C (mini E	O-Sub 9 pin) x	:1			RS-23	32C x 1 (Require	es separately av	ailable YK-60 se	erial conversion c	ble.)	RS-232C (m	ni 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	_	RJ-45 x 1	_	RJ-45 x 1	_	RJ-45 x 1	_				_			RJ-45 x 1 —	RJ-45 x 1	_	RJ-45 x 1
Internal men	nory	2GB	_	2GB	_	2GB	_	2GB	_	2GB	_	2GB	_	2GB	_	2GB	_		_		_
Wireless cor	npatibility	IEEE 802.11b/g/n* <sup>4</sup> Windows® compatible Mac OS® compatible	IEEE 802.11b/g*4 Windows® compatible Mac OS® compatible	Windows® compatible Mac OS® compatible	_	Windows® compatible Mac OS® compatible	-	IEEE 802.11b/g/n*4 Windows® compatible Mac OS® compatible	_	Windows® compatible Mac OS® compatible	_	Windows® compatible Mac OS® compatible	_	Windows® compatible Mac OS® compatible	_	Windows® compatible Mac OS® compatible	_	IEEE 802.11b/g*4 Windows® compatible Mac OS® compatible	Windows® compatible  Mac OS® compatible		_
Power source	е	AC 100V ~ 240V, 50/60Hz	AC 100V ~ 240V, 50/60Hz			,	AC 100V~24	0V, 50/60Hz						AC 100V ~ 2	240V, 50/60Hz			AC 100V	~ 240V, 50/60Hz		Projector: AC100V ~ 240V, 50/60Hz Geometric Correction Box: AC Adapter (AC100V ~ 240V, 50/60Hz)
Power consu	·	Operating power: 185W (with Eco Mode "Eco 1" selected), 230W (with Eco Mode Off "Bright" selected) / Standby power consumption: 0.23W*5	Operating power: 260W (with Eco Mode "Eco 1" selected), 330W (with Eco Mode Off "Bright" selected) / Standby power consumption: 0.4W*5			oower: 3000lm: 14 llm: 180W / 2500lr Standb	m: 165W (with		ff "Bright" sel			1	00lm: 165W / 25	500lm: 155W (wi andby power co	th Eco Mode Off nsumption: 0.23			Operating power: 270W (with Eco Mode "Eco 1" selected), 350W (with Eco Mode Off "Bright" selecte Standby power consumption: 0.4W	(with Eco Mode d)/ 330W (with Eco Mode *5 Standby power c	onsumption: 0.4W*5	Projector: 190W (with Eco Off "Bright" selected) x 2 Correction Box: 10W Projector: 0.4W x 2 Correction Box: 0.4W
	ensions (WxDxH)	338 x 333 x 153mm (including projections)	420 x 323 x 106mm (including projections)			311 x 24	4 x 84mm (in	ncluding projec	ections)				297	x 210 x 43mm (	including projec	ctions)			m (including projecti	ons)	346 x 373 x 305mm (Including Geometric Correction Box)
Weight		5.5kg	7.1kg				3.9	kg						2.	3kg				7.1kg		18.3 Kg
Security com	patibility	Kensington-compatible, Security bar, Power-on password	Kensington-compatible, Power-on password	assword Kensington-compatible, Power-on password							Kensi	ington-compatib	le, Power-on pa	ssword		Kensington-compa	tible, Power-on pass	word	Kensington-compatible		
Other function	ons	DLP® 3D projection*6, Intelligent Brightness Control, Direct power-ON, Direct power-OF, Digital zoom (2X), Rear projection, Freeze, Color mode, Eco mode, Blank, Ceiling mount*7	DLP® 3D projection*6, 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*7	ing DLP® 3D projection*6, Intelligent Brightness Control, Direct power-ON, t Direct power-OFF, Digital zoom (2X), Rear projection, Freeze, Color Pointer, Color Mode, Eco Mode, Blank, Ceiling mount*7				Intelligent Brightness Control, Presentation timer, Direct power-ON, Direct power-OFF, Digital zoom (2X), Rear-projection, Freeze, Pointer, Color Mode, Eco Mode, Blank, Ceiling mount*7				DLP® 3D projection*6, Interactive pointing Closed captioning, Direc Digital zoom (2X), Re; Color Mode, Eco Mo	function (XJ-H1750 et power-ON, Direct p ar projection, Freeze,	Direct power-ON, Direct power-OFF, Rear projection, Freeze, Pointer, Color Mode, Eco Mode, Blank, Ceiling mount*7							
Main access	ories	Wireless remote control / AC power cord / RGB cable / Cable cover / Setup guide / Warranty card *9 / Wireless adapter	Wireless remote control / AC power cord / RGB cable / Instruction manual (on CD-ROM)*8 / Setup guide / Warranty card	Wireless remote control / AC power cord / RGB cable / Setup guide / Warranty card*9 / Wireless adapter (Provided with USB models only.)			Wireless remote control / AC power cord / RGB cable / Special AV cable / Carrying bag / Setup guide / Warranty card*9 / Wireless adapter (Provided with USB models only.)  Wireless adapter (Provided with USB models only.)				Instruction manual (on CD-ROM)*8 / Setup guide / Warranty card /		Warranty card /	Remote controllers (for projector/for YA-S10), AC power cord (for projector), AC Adapter & Code, RGB cable x 1, HDMI cable x 2, RS-232C cable x 2, Manual for projector (CD-ROM), Manual for Dual-projection System,* Setup guide, Kensington wire x 3, etc							

#### **Projection Distances**

#### WXGA Models

Model	UST	Model	Stan	dard Mo	dels	SI	im Mode	els	Pro Models				
Screen size		Н	Wide	Telephoto	Н	Wide	Telephoto	Н	Wide	Telephoto	Н		
40-inch	_	_	1.13m	1.65m	9cm	0.95m	1.88m	9cm	1.39m	1.67m	6cm		
60-inch	13cm	27cm	1.71m	2.50m	13cm	1.43m	2.84m	14cm	2.11m	2.52m	9cm		
80-inch	27cm	32cm	2.29m	3.34m	18cm	1.92m	3.79m	18cm	2.82m	3.37m	12cm		
100-inch	40cm	38cm	2.88m	4.18m	23cm	2.41m	4.75m	23cm	3.54m	4.23m	15cm		
150-inch	_	_	4.33m	6.29m	34cm	3.63m	7.13m	34cm	5.33m	6.36m	22cm		
200-inch	_	_	5.78m	8.40m	45cm	4.86m	9.52m	45cm	7.12m	8.50m	29cm		

#### ■ WXGA (16:10) Models



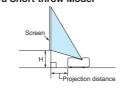
#### XGA Models

Model	Standar	d Models	Slim N	/lodels	Pro N	lodels	Short-throw Model			
Screen size	Wide	Telephoto	Wide	Telephoto	Wide	Telephoto		Н		
40-inch	1.34m	1.95m	1.12m	2.22m	1.29m	1.55m	0.61m (45 in.)	6cm		
60-inch	2.02m	2.95m	1.70m	3.36m	1.96m	2.34m	0.82m	8cm		
80-inch	2.71m	3.94m	2.28m	4.48m	2.63m	3.14m	1.11m	10cm		
100-inch	3.40m	4.93m	2.86m	5.61m	3.29m	3.93m	1.40m	13cm		
150-inch	5.11m	7.41m	4.30m	8.43m	4.96m	5.92m	2.00m (142 in.)	19cm		
200-inch	6.83m	9.90m	5.74m	11.24m	6.62m	7.91m	_	_		

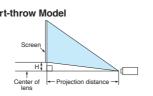
## ■ XGA (4:3) Models \* Except short-throw models

\*Projection distances are approximations.

#### **■** Ultra Short-throw Model



#### ■ Short-throw Model



## Options

#### ■Wall mount bracket



Wall mount bracket (for XJ-UT310WN) YM-80

#### ■3D Glasses for CASIO projector

#### CASIO 3D Converter

YA-D30

YA-G30

[OS compatibility] Windows®7, Windows Vista® SP2, Windows® XP SP3 [Convertible file formats] •Moving images: MPEG 4 / H.264 / Motion JPEG/WMV •Still images: JPEG

#### ■ Interactive Pointer

YA-P10

[Bundled software] Presentation Draw: Interactive pointing support software

#### Serial conversion cable (for slim models)

YK-60

<sup>11</sup> Eco Mode Off "Bright" projection
12 Connectable equipment: Wireless module for wireless connection; 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 Website.)
13 For use with the interactive pointing function
14 A wireless module that attaches to the USB terminal on the rear of the projector body is supplied.

<sup>\*5</sup> Except when connected to a network
\*6 In the case of 3D projection, the HDMI and component interfaces are not compatible.

<sup>\*7</sup> Metal ceiling-mount fittings required; installation work charged separately.

\*8 Accessory software provided on CD-ROM is compatible with Windows® 7 (32/64 bit), Windows Vista® (32/64 bit) and Windows® XP SP3.

\*9 User manual available for downloading on Website.