MODEL SPECS

INTERFACES

XJ-V1/V2

① Computer terminal
② HDMI terminal
③ Audio input terminal
⑤ Control terminal (RS-232C)
④ Audio output terminal
⑥ USB terminal (Micro-B)

XJ-V10X/V100W/V110W

① Computer terminal
② HDMI terminal
③ Audio input terminal
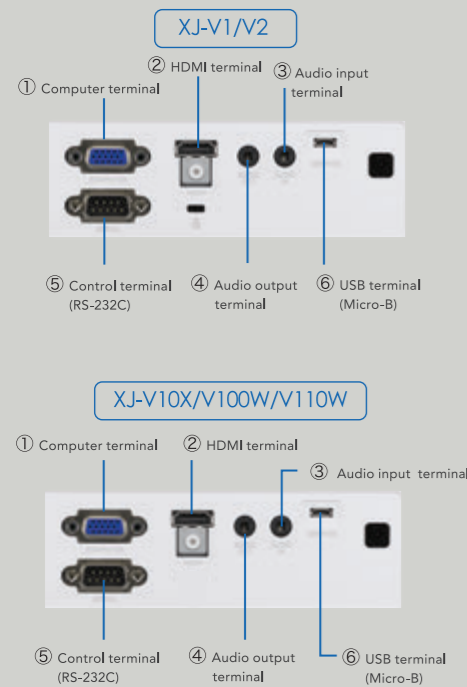⑤ Control terminal (RS-232C)
④ Audio output terminal
⑥ USB terminal (Micro-B)

MAIN FUNCTIONS

- HDMI Terminal
- VGA Terminal
- Anti-theft lock
- Ceiling Mounted Projection Compatible
- Vertical Keystone Correction
- Audio In
- Audio Out
- RS-232C Terminal

ACCESSORIES INCLUDED WITH PRODUCT:

Main Cable

IR Remote Control
YT-150 - XJ-V1 & XJ-V2
YT-151 - XJ-V10X / V100W / V110W

Quick Guide

Warranty Card

Carry Case (Optional)
CP-7 - XJ-V1 / XJ-V2
YB-2 XJ-V10X / V100W / V110W

*1 When "Bright" is selected for "Light Control Off mode" or "Eco Off mode".
*2 Focus adjustment required when zoom changed.
*3 For firmware update.
*4 Eco Level 1 when Eco Mode is "On".
*5 Eco Level 5 when Eco Mode is "On".

User's manual and Network manual available for downloading on CASIO website.

Function		Core Models				
		XJ-V1	XJ-V2	XJ-V10X	XJ-V100W	XJ-V110W
Brightness*1		2700 lumens	3000 lumens	3300 lumens	3000 lumens	3500 lumens
Display system		DLP® chip x1, DLP® system				
Display chip		XGA 0.55 inches 786,432 pixels (1024 dots x 768 dots)			WXGA 0.65 inches 1,024,000 pixels (1280 dots x 800 dots)	
Contrast ratio		20000 : 1				
Vertical keystone correction		±30° (manual)		+30° (automatic), ±30° (manual)		
Focus type		Manual focus*2		Manual focus		
Projection lens		1.1X manual zoom F=2.4-2.54/f=17.16-18.98		1.5X manual zoom F=2.31-2.73/f=18.9-27.2		
Projected image size		30 to 300 inches			35 to 300 inches	
Throw ratio		1.54 - 1.71 : 1m		1.66 - 2.42:1m	1.32- 1.93:1m	
Projection distance	60-inch	1.79-1.99m		1.95-2.87m	1.64-2.42m	
	100-inch	3.07-3.41m		3.33-4.85m	2.81-4.11m	
	Minimum projection distance	0.83m		0.93m	0.92m	
Light source (estimated life)		Laser & LED (up to 20,000 hours)				
Color reproduction		Full color (up to 1.07 billion colors)				
Scanning frequencies	Horizontal	15-91kHz				
	Vertical	50-85Hz				
Computer input	Native	XGA (1024x768)			WXGA (1280x800)	
	Analog input signal	UXGA (1600x1200)			WUXGA (1920x1200)	
	Analog input terminal	mini D-Sub 15 pin x1			mini D-Sub 15 pin x1	
	Monitor out terminal	—			—	
	Digital input signal	UXGA (1600x1200)			WUXGA (1920x1200)	
	Digital input terminal	HDMI Type A x1			HDMI Type A x1	
Video input	Analog input signal	Component signal : 480i-1080p				
	Analog input terminal	Component : YCbCr/YPbPr (used for both analog computer input and component input)				
	Digital signal (HDMI)	480p-1080p (used for both digital computer input and digital video input)				
Audio	Input	3.5mm stereo mini jack x1				
	Output	3.5mm stereo mini jack x1 (variable audio)				
	Speaker	—				
Other terminals	USB host	—				
	USB power supply	—				
	USB function	USB 1.1 Micro-B x1*3				
	Control (Serial)	RS-232C (D-Sub 9 pin) x1				
	LAN	—				
Internal memory storage		—				
Wireless LAN support		—				
Power requirements		AC 100 to 240V, 50/60Hz				
Power consumption	Operating (default setting) (Light Output 7)	120 W*4	130 W*4	145 W	125 W	155 W
	Operating (minimum setting) (Light Output 1)	70 W*5	75 W*5	75 W	60 W	80 W
	Operating (Bright)	150 W	165 W	180 W	150 W	190 W
	Standby AC 100-120V Remote OFF/ON	0.12W/-				
	Standby AC 220-240V Remote OFF/ON	0.23W/-				
Noise level		29dB (Eco Mode) 37dB (Normal)			29dB (Eco Mode) 35dB (Normal)	
Approximate dimensions (WxHxD) *including projections		269.5x88.5x269.5mm		299×97×299mm		
Approximate weight		2.8kg	2.9kg	3.5kg		
Security compatibility		Kensington Compatible, Power On Password				

CASIO®
PROJECTORS

GLOBAL N°1 BRAND in SSI PROJECTORS for 6 straight years

FOR OUTSTANDING WORK PERFORMANCE, THAT IS ENERGY EFFICIENT.

CORE Series
XJ-V1 XJ-V2 XJ-V10 XJ-V100W XJ-V110W

LampFree
CASIO Green Technology

DLP® PICTURE BY TEXAS INSTRUMENTS

*Actual worldwide sales (2010 – 2015) Solid State Illumination Light Source projectors rated at of 2,500 lumens or higher. Source: Futuresource Consulting Ptd.
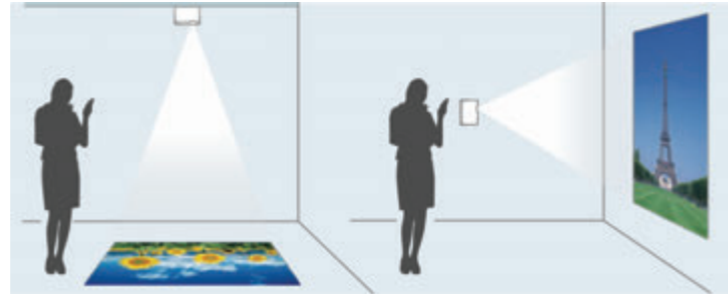
CORE Series

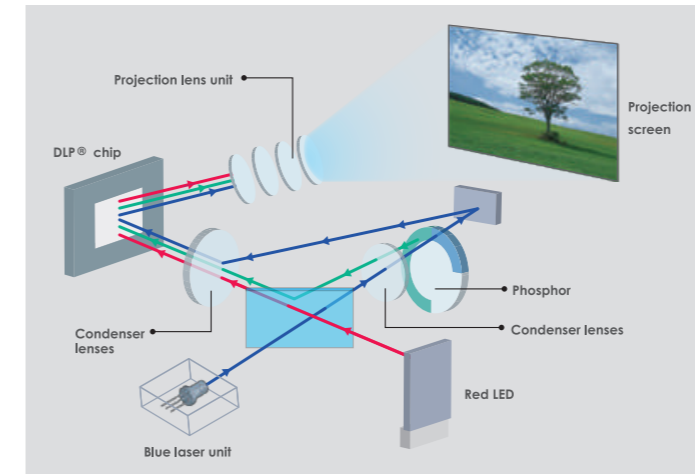Versatile Projector for everyday usage.

1.5X ZOOM LENS & 360° INSTALLATION

The 1.5x* zoom lens allows for flexible installation by maintaining clear screen resolution regardless of the projector-screen distance. As such, the projector can be installed on any angle, including a vertical mount for portraits and floor or ceiling mount for perpendicular projections.

*Supported models: XJ-V10X, V100W, V110W. The other models feature a 1.1x zoom lens.

QUICK STARTUP AND SHUTDOWN

With CASIO Laser & LED Technology , startup takes as little as 5 seconds to achieve maximum projection brightness. A push of a button switches the machine off instantaneously and cooling down is not required before restarting. This instant ON/OFF function helps to conserve electricity and makes presentation smoother, and faster.

Maximum brightness is achieved as little as **5** seconds.

One touch of a button

No cool down before projection restarts

OFF

CASIO Laser & LED model

Luminance

100 %
80 %
60 %
40 %
20 %
0 %

Approx. 70sec

Approx. 100sec

High-pressure mercury lamps

ON   ON

Usage time

VERTICAL KEYSTONE CORRECTION

Trapezoidal distortion caused by tilting of projector up or down can be corrected by adjustments done within ±30° for XJ-V1 and XJ-V2 models whereas the other Core Series models correct trapezoidal distortion automatically.

Before correction → After correction
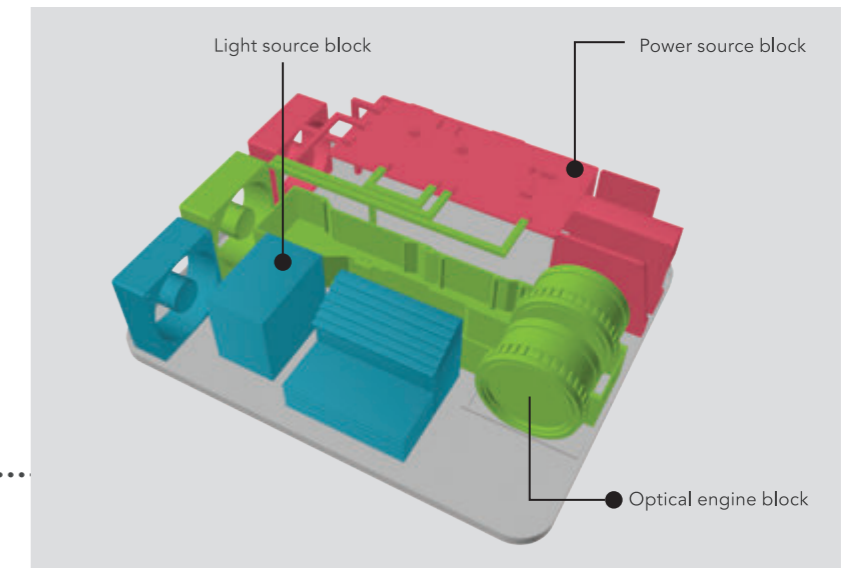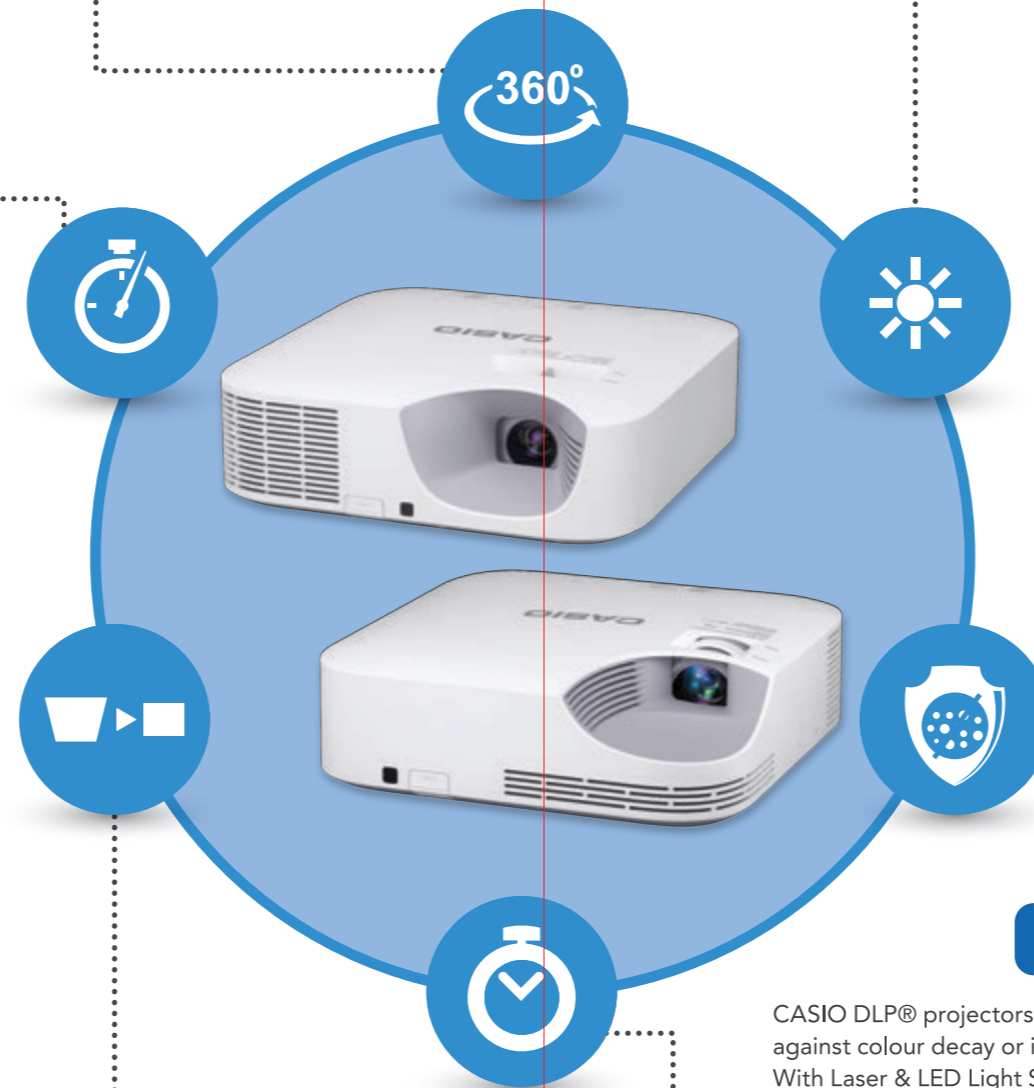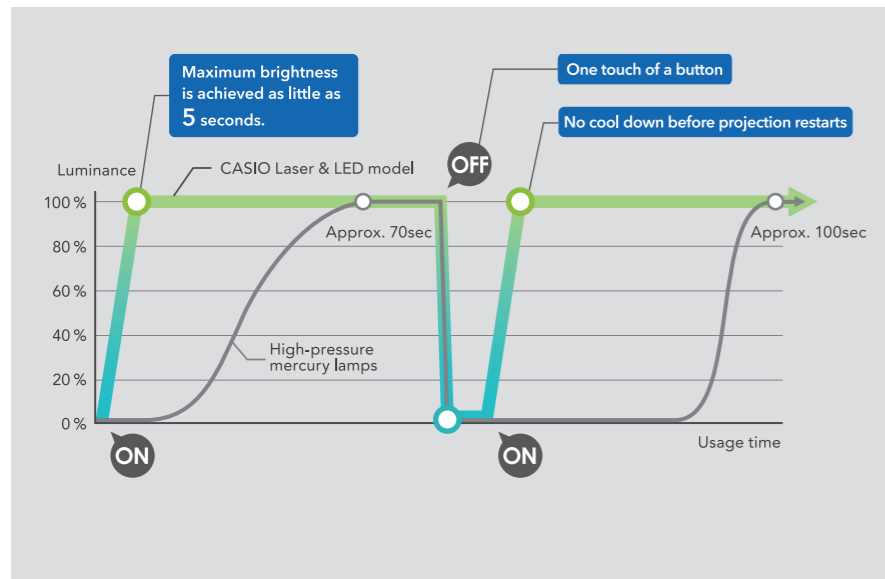
360°

LASER-LED LIGHT SOURCE TECHNOLOGY

Steering away from the usual mercury lamps, CASIO's new lamp-free projectors feature a combination of high-luminance blue laser and red LED to create high projection efficiency. Through this technology, CASIO is able to fit performance in a compact machine that achieves high brightness projection while maintaining low energy consumption.

Projection lens unit
DLP ® chip
Condenser lenses
Blue laser unit
Projection screen
Projection screen
Phosphor
Condenser lenses
Red LED

DUST RESISTANCE STRUCTURE

Apart from looking stylish, the compact Core Series projector cabinet has a unique structure made up of three separate blocks and a tightly shielded primary light source. This structure suppresses dust intrusion to ensure optimum performance even in dusty environments.

Light source block
Power source block
Optical engine block

RAZER SHARP IMAGES & NO COLOUR DEGRADATION

CASIO DLP® projectors, compared to Non-DLP projectors, are better at retaining colour accuracy to guard against colour decay or image degradation due to extended usage. Image colours are also more vivid and sharper. With Laser & LED Light Source Technology, the image quality remains the same for its lifespan.

BRAND X

CASIO

Colour Faded

No Degradation

First 500 Hours   After 1,000 Hours   First 500 Hours   After 1,000 Hours