

**CASIO®**

# BEST TECHNOLOGY, AMAZING PERFORMANCE

EFFICIENT PROJECTORS FROM CASIO





# ONE THING THEY ALL HAVE IN COMMON: INNOVATION

## With integrated cost savings

In addition to outstanding technology, CASIO projectors are distinguished above all by one thing: long-term cost-efficiency. Because thanks to the revolutionary laser and LED hybrid light source, they consistently save time and money. For one thing, the need for expensive and laborious replacement of lamps and filters is eliminated, and for another, the CASIO light sources consume considerably less energy. And with a service life of up to 20,000 hours, they're extremely long-lasting. In addition, compared with other brands, as a developer and manufacturer CASIO offers a long warranty period for the light source of up to five years or up to 10,000 hours – whichever is reached first.

## Japan – the home of quality

Japan is the home of CASIO. Japan also represents superb manufacturing quality for top-of-the-range products. That's why CASIO is committed to producing its devices there – although this is by no means the norm. All current CASIO projectors are "made in Japan" – a genuine promise about their source and quality.

## Committed to environmental protection

2020 is a decisive turning point for global environmental protection, because that's when the Minamata Convention will come into force. This UN environmental programme entails a permanent ban on the use of a highly toxic metal – mercury – in light sources. 128 countries have already undertaken to completely ban the heavy metal, including for imports and exports.

But CASIO is already committed to both a future-oriented company policy and to the environment: all lights in CASIO projectors are already completely mercury-free. The projector light sources are environmentally friendly, efficient and extremely long-lasting, meaning they already fulfil the standards that will apply after 2020.

## Ready to go at the push of a button

**Direct  
ON/OFF**

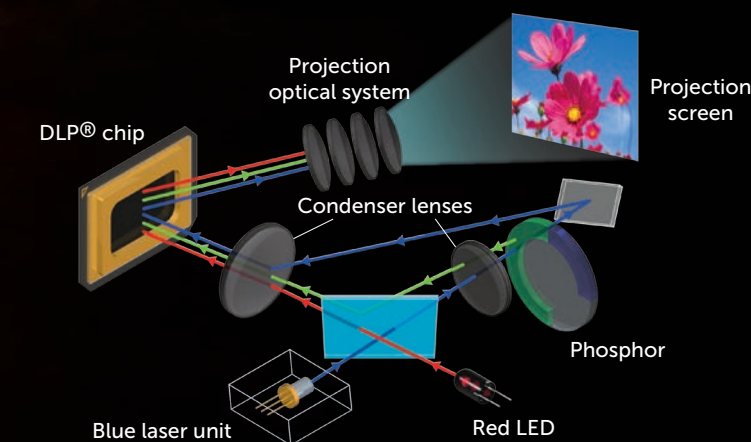
With CASIO projectors, long waiting times and inconvenient warm-up and cool-down periods are a thing of the past. Thanks to Direct On/Off, full brightness is achieved in a maximum of eight seconds – simply at the push of a button. This saves valuable time: lessons can get started right away and can be planned more flexibly, while starting and finishing business presentations also takes a lot less time. Direct On/Off is made possible by the revolutionary laser and LED hybrid light source, which is mercury-free to save time, energy and operating costs – it couldn't be simpler.

## Long-life light source – up to 15 years

The true strength of CASIO projectors is located inside: the revolutionary laser and LED hybrid light source. Not only does it offer outstanding projection performance, it is also able to sustain this performance long-term without dimming. It also boasts a service life of up to 20,000 hours, eliminating unexpected outages caused by broken lamps. This is equivalent to usage of six hours per day, 220 days per year throughout the 15-year service life. Or to put it another way: a CASIO projector can manage 10,000 two-hour meetings without a problem.

## The light source of the future

The laser and LED hybrid light source was developed by CASIO and has been installed in all projector series. Unlike conventional projectors, the revolutionary light source is completely free of toxic mercury, making it extremely environmentally friendly. The laser and LED technology also reduces energy consumption by up to 40%, reducing operating costs as an added bonus. And last but not least, CASIO's laser and LED hybrid light source offers brilliant, outstanding results, making it a true milestone in projection technology.



Instead of a mercury lamp, with CASIO the brilliant images are created by the revolutionary laser and LED light source.



# CORE SERIES

The cost-efficient entry



XJ-V1 | XJ-V2

The Core series makes it easy to take a first step into the world of daylight projectors. Like all CASIO projectors, the projectors in this series use the revolutionary laser and LED hybrid light source and are available at affordable prices. The environmentally friendly light source saves energy, reduces operating costs and ensures a long service life. In addition, functions such as Direct On/Off mean the projectors are ready to use in a mat-

ter of seconds. This makes the projectors highly flexible, suitable for all applications and capable of providing impressive results even in daylight.

Thanks to the rounded edges, the Core series also looks great too. The controls are a perfect match for the high-quality design. The Core series is perfect for anyone looking for an affordable, attractive model with extraordinary projection results and incredible ease of use.



CASIO®

XJ-V10X | XJ-V100W | XJ-V110W

The latest models in the Core series offer even greater flexibility in projector placement. Thanks to the 1.5x optical zoom lens, the projection image can now be adjusted with even greater precision. With a brightness of up to 3,500 ANSI lumens, presentations can be viewed in brilliant colour, even in very bright environments. The feature of Instant Light Control offers seven levels to adjust brightness depending on the ambient light. This conserves energy and ensures optimum image quality. The new and

stylish Core projectors start up extremely quickly, reaching full brightness in just five seconds. Long warm-up times are a thing of the past. The projector cools down quickly too — it shuts down in just a few seconds and can be packed away immediately.

Despite this high level of performance, operating costs are low: The 3,500-ANSI-lumen model uses up to 40% less power than conventional projectors and offers a long service life of up to 20,000 hours.





# ADVANCED SERIES

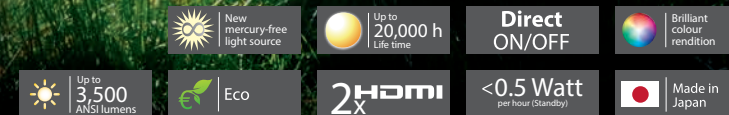
## The perfect allrounder

XJ-F10X | XJ-F20XN | XJ-F100W | XJ-F210WN

For the new Advanced series, flexibility is key: Thanks to the wide range of connection options, these projectors can be connected any time and anywhere, and are ideal for use both in installations and in mobile applications. The optional WLAN capability (XJ-F20XN and XJ-F210WN) enables convenient wireless projection. Thanks to Direct On/Off, long warm-up and cool-down periods are a thing of the past. The Advanced projectors reach full brightness within just five seconds and can also be packed away within seconds of being

shut down. The dynamic brightness control offers seven projection brightness levels to adjust to the ambient light – fully automatically and using sensor control. This ensures a very high level of energy efficiency with optimum image quality.

The environmentally friendly and long-lasting light source provides up to 3,500 ANSI lumens with a contrast ratio of 20,000:1. This ensures the Advanced series impresses in terms of both image quality and brightness.



# LIGHT CONTROL

**CASIO**

## Flexible brightness adjustment

CASIO LASER & LED HYBRID LIGHT SOURCE

The optimum brightness adjustment depends on the light levels in the room and the size of the projection area. The brightness of many conventional projectors can often be adjusted in two levels. The brightness of CASIO projectors can be adjusted in up to seven increments – for maximum energy efficiency and a vibrant, perfectly adjusted image.

### INSTANT LIGHT CONTROL

Advanced series: the brightness can be adjusted easily with the cursor control panel on the projector or the remote control.

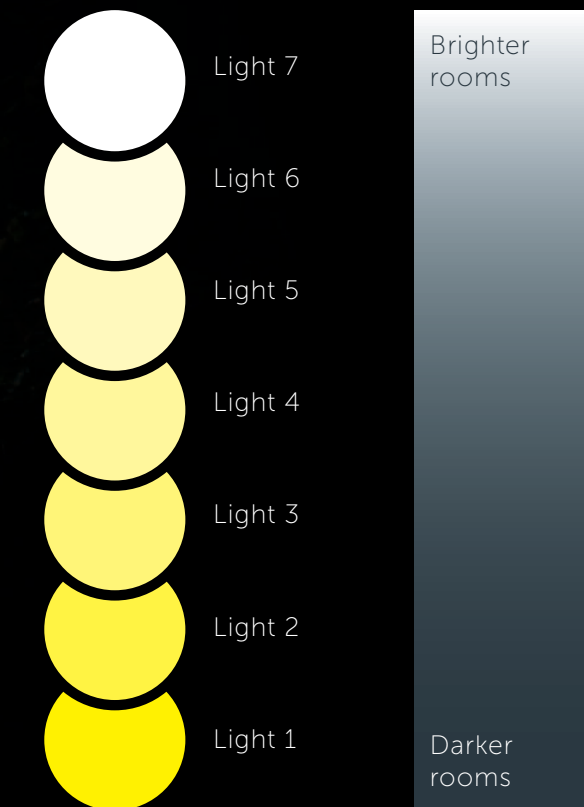
### INTELLIGENT LIGHT CONTROL

Advanced series: brightness can be adjusted manually while being automatically adjusted by the sensor.

## BENEFITS

- Easily set the best suited brightness
- Further possibilities for power saving

7 STEPS FOR PERFECT ADJUSTMENT





# GREEN SLIM SERIES

## Flexible and mobile

XJ-A142 | XJ-A147 | XJ-A242

XJ-A247 | XY-A252 | XY-A257

Usable whenever and wherever! The Green Slim series projectors were specially developed for mobile use and boast an ultra-flat, high-quality design. They are the same size as a sheet of A4 paper with a height of just 43 mm. This means they fit comfortably into any bag and can be easily transported anywhere. And no matter how long or short the projection distance or how bright or dark the lighting: thanks to 2x optical zoom and intelligent brightness control, the projector can be adjusted to suit any situation and always provides a great image.

These outstanding features mean the Green Slim series is also suitable for fixed installation – because the projectors are so flexible that they can easily be adapted to the projection options of any space. When replacing an old projector, the existing ceiling mounting can almost always be used. The Green Slim projectors also produce brilliant images with a brightness of up to 3,000 ANSI lumens. Last but not least, Direct On/Off, wireless capability and a generous 2 GB internal memory\* ensure rapid operation and greater flexibility when making presentations.



Up to 20,000 h Life time	New mercury-free light source	Brilliant colour rendition	Eco	USB	CASIO App	<0.5 Watt per hour (standby)
Intelligent brightness control	2x optical Zoom	HDMI	WLAN	24/7	Made in Japan	Direct ON/OFF

# ULTRA SHORT THROW SERIES



## Incredible performance over short distances

XJ-UT310WN

Want to produce great images over short distances? Especially in the education sector, the use of interactive whiteboards means projection distances are often very short. That's no problem for the projectors in the Ultra Short Throw series, with a projection ratio of 0.28:1 and a brightness of up to 3,100 ANSI lumens. Their positioning close to the projection surface also keeps presentations free of shadows and glare. This offers even more flexibility when planning lessons. The laser and LED hybrid light source also elimi-

nates the need for laborious and expensive lamp replacements. Instead, the projectors remain fully operational for up to 20,000 hours. The advantage for the education sector is no more lamp outages – and hence no need to cancel lessons. There's also no danger of the projector itself getting damaged – since there is no fold-out projection mirror, nothing can accidentally break off. So there's no longer anything standing in the way of modern lessons with perfect projection – even over extremely short distances.



PLUS X AWARD 2014 achieved for: High Quality Ease of Use Functionality	Up to 20,000 h Life time	New mercury-free light source	Brilliant colour rendition	Eco	USB	CASIO App	<0.5 Watt per hour (standby)
HD ready	Up to 3,100 ANSI lumens	Intelligent brightness control	WXGA	HDMI	WLAN	24/7	Made in Japan
							Direct ON/OFF





The technical highlights at a glance:



		CORE SERIES					ADVANCED SERIES				ULTRA SHORT THROW SERIES	GREEN SLIM SERIES																	
		XJ-V1		XJ-V2		XJ-V100W	XJ-V110W		XJ-V10X	XJ-F100W	XJ-F210WN		XJ-F20XN	XJ-F10X		XJ-UT310WN		XJ-A242	XJ-A247	XJ-A252	XJ-A257	XJ-A142	XJ-A147						
Display	Technology: Resolution:	0.55" DLP® chip 1,024 x 768 pixels (XGA)				0.65" DLP® chip 1,280 x 800 pixels (WXGA)		0.55" DLP® chip 1,024 x 768 pixels (XGA)		0.65" DLP® chip 1,280 x 800 pixels (WXGA)		0.55" DLP® chip 1,024 x 768 pixels (XGA)		0.65" DLP® Chip 1,280 x 800 pixels (WXGA)		0.65" DLP® chip 1,280 x 800 pixels (WXGA)		0.55" DLP® chip 1,024 x 768 pixels (XGA)											
Illumination technology	Type:	Laser and LED hybrid technology up to 20,000 hours				Laser and LED hybrid technology up to 20,000 hours				Laser and LED hybrid technology up to 20,000 hours				Laser and LED hybrid technology up to 20,000 hours															
	Service life:	2,700 AL		3,000 AL		3,000 AL		3,500 AL		3,300 AL		3,500 AL		3,300 AL		3,100 AL		2,500 AL		3,000 AL		2,500 AL							
	Brightness:	–		–		–		–		–		yes		yes		yes		yes		yes		yes							
	Intelligent brightness control:	–		–		–		–		–		yes		yes		yes		yes		yes		yes							
Picture	Contrast / Colour depth:	20,000:1 / Up to 1.07 billion (full colour)				20,000:1 / Up to 1.07 billion (full colour)				20,000:1 / Up to 1.07 billion (full colour)				1,800:1 / 16.77 mil. (full colour)				1,800:1 / 16.77 mil. (full colour)											
Projection lens	Technology:	1.1x optical zoom				1.5x optical zoom				1.5x optical zoom				Fixed zoom/mirror system				2x optical zoom, motorised											
	Projection ratio (viewing distance: width):	1.54–1.71:1				1.32–1.93:1				1.32–1.93:1				1.66–2.42:1				1.15–2.30:1				1.4–2.81:1							
	Offset:	72 %				33 %				33 %				50 %				33 %				50 %							
Projection	Size of the projection screen:	30" (0.76 m) – 300" (7.62 m)				35" (0.89 m) to 300" (7.62 m)				30" (0.76 m) to 300" (7.62 m)				35" (0.89 m) – 300" (7.62 m)				30" (0.76 m) – 300" (7.62 m)				Projection size (min.–max.): 127–254 cm		18" (0.46 m) – 300" (7.62 m)		15" (0.38 m) – 300" (7.62 m)			
Keystone correction	Vertical:	manual: +30°/±30°				manual: +30°/±30°   automatic: +30°				manual: +30°/±30°   automatic: +30°				manual: ±5°				manual: +30°/±30°											
Interfaces	Computer:	1x 15 pin D-sub (VGA)				1x 15 pin D-sub (VGA)				1x 15 pin D-sub (VGA)				2x RGB ports 2x 15 pin D-sub (VGA)				1x 15 pin D-sub (VGA)											
	Digital input:	1x HDMI port type A				1x HDMI port type A				2x HDMI port type A				1x HDMI port type A				1x HDMI port type A											
	Video:	–		–		–		–		–		1x S-video terminal / 1x RCA pin terminal (composite)				1x RCA (composite) 1x S-Video				Component Video: Optional adapter via mini RGB 15-pin D-sub									
	Audio:	Input: 3.5 mm stereo mini jack x1   Output: 3.5 mm stereo mini jack x1 (variable audio input)				Input: 3.5 mm stereo mini jack x1   Output: 3.5 mm stereo mini jack x1 (variable audio input)				Input: 3.5 mm stereo mini jack x1; RCA pin terminal (composite)   Output: 3.5 mm stereo mini jack x1 (variable audio output)				1x RCA (R/L)   2x 3.5 mm stereo mini port				Composite: 1x 3.5 mm mini jack for audio input and output											
	Microphon input:	–		–		–		–		–		3.5 mm monaural mini jack				3.5 mm mini (compatible with dynamic microphone)				–		–		–					
	Control inputs:	–		RS-232C		–		RS-232C 1x 9 pin D-sub		–		RS-232C				RS-232C (optional adapter)				–		–		–					
		–		–		–		–		–		LAN RJ-45				LAN RJ-45				–		–		–					
	USB:	–		Micro-USB type B: firmware update		–		Micro-USB type B: firmware update		–		USB type A (USB 2.0) <sup>4</sup> Micro-USB type B: firmware update		USB type A (USB 2.0) Micro-USB type B: Logo transfer/firmware update		USB type A (USB 2.0) Micro-USB type B: firmware update		–		USB type A (USB 2.0)		–		USB type A (USB 2.0)					
	Wireless connection:	–		–		–		–		–		WLAN (optional) <sup>2</sup>				–				CASIO wireless LAN adapter (YW-40) included				–		WLAN <sup>2</sup>		WLAN <sup>2</sup>	
	Connectable USB devices <sup>1</sup> :	–		–		–		–		–		USB memory stick, Casio Wireless Adapter YW-40, selected CASIO graphic calculators and digital cameras <sup>5</sup>				–				USB memory stick, CASIO YW-40 wireless adapter, selected CASIO graphic calculators and digital cameras <sup>5</sup>				–		–			
Audiosystem		–		–		–		–		–		16 W monoaural speaker				16 W monoaural speaker				1 W monoaural speaker									
Extended functions		–		–		–		–		–		IEEE 802.11 b/g/n				IEEE 802.11 b/g/n				–		–		–					
	Internal memory (media player):	–		–		–		–		–		approx. 2 GB				approx. 2 GB Pic, Movie, PTG, PDF				–		approx. 2 GB		–		approx. 2 GB			
Operating noise		Eco On: 35 dB (eco1)/ 29 dB (eco5)   Eco Off: 37 dB (normal)				Light Control On (1–7): 29–35 dB   Light Control Off (normal/bright): 36.5 dB/39 dB				Light Control On (1–7): 29–35 dB   Light Control Off (normal/bright): 36,5 dB/39 dB				Safe mode: 29 dB   Default mode: 34 dB				Safe mode: 29 dB   Default mode: 35 dB											
Energy consumption	Active:	70–150 W		75–165 W		60–150 W		80–190 W		75–180 W		85–205 W		80–195 W		110–230 W		70–155 W		75–165 W		70–155 W							
	Standby:	0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W		0.23 W							
Computer compatibility	Max. resolution (compressed):	UXGA (1,600 x 1,200 pixels)				Computer: 1,920 x 1,200 pixels (VGA)   Digital input: 1,920 x 1,080 pixels (Full HD 1080p)				Computer: 1,920 x 1,200 pixels (VGA)   Digital input: 1,920 x 1,080 pixels (Full HD 1080p)				UXGA (1,600 x 1,200 pixels)				UXGA (1,600 x 1,200 Pixel)											
Included with product		AC power cord, IR remote controls (YT-150), quick guide, warranty card				AC power cord, IR remote controls (YT-150), quick guide, warranty card				AC power cord, IR remote control (YT-141), quick guide, warranty card				AC power cord, RGB cable, video cable, IR remote control, quick guide				AC power cord, RGB cable, video cable, IR remote controls, quick guide, bag											
Optional accessories		–		–		bag (YB-2)				bag (YB-2)		WLAN adapter (YW-40) and bag (YB-2)		bag (YB-2)		wall mount (YM-80)   DLP®3D projection <sup>6</sup> : Active shutter glasses (YA-G30) and software (YA-D30)		RS-232 adapter cable (mini serial) (YK-60)											
General	Dimensions (W x H x D):	270 x 89 x 270 mm				299 x 97 x 299 mm				299 x 97 x 299 mm				Cover included: 413 x 333 x 153 mm Cover not included: 338 x 333 x 153 mm				297 x 43 x 210 mm											
	Weight:	2.8 kg		2.9 kg		3.5 kg				3.8 kg				5.7 kg				2.3 kg											
	Operating temperature:	5–35 °C		5–35 °C		5–35 °C				5–35 °C				5–35 °C				5–35 °C											

Warranty: 1. When used for less than 12 hours per day, Projector: three years  
Light source: five years or 10,000 hours (whichever is reached first)  
2. When used continuously for more than 12 hours per day, Projector: two years,  
Light source: two years or 6,000 hours (whichever is reached first)

<sup>1</sup> applies only for network models  
<sup>2</sup> WLAN dongle uses USB type A  
<sup>3</sup> only for power supply

<sup>4</sup> Function can only be guaranteed for specified CASIO products – more detailed information on supported USB memory sticks is available on the CASIO website  
<sup>5</sup> 3D projection is not possible by using HDMI connector

# PERFECT TECHNOLOGY FOR ALL SITUATIONS

**CASIO**<sup>®</sup>



## A revolutionary lesson

CASIO projectors are especially suited to the education sector. The long-life light source means no more lamp outages – and hence no need to cancel lessons – for at least 15 years. That's how long the laser and LED hybrid light source lasts when used for six hours per day, 220 days per year. It is also unnecessary to dim the room. In addition, optical zoom and intelligent brightness control (depending on the projector) ensure high flexibility. Furthermore, the projectors are so easy to use that multimedia lessons are child's play.



## A technology with many benefits

All CASIO projectors have one thing in common: the revolutionary laser and LED hybrid light source. This technology combines environmental friendliness with efficient performance at optimum quality. The light source replaces the mercury lamps used in conventional projectors. This eliminates inconvenient, laborious and expensive lamp replacements. In addition, the laser and LED hybrid light source also offers many other benefits: low operating costs, low energy consumption, quick start and stop times and a very long service life of up to 20,000 hours.



## A reliable business partner

Whether it's for a big conference, a client presentation or an internal meeting – a CASIO projector is the perfect business partner: no delays or waiting around thanks to Direct On/Off; Wi-Fi and USB for flexible, mobile use; clear and brilliant colour reproduction – impressive even in daylight; and complete reliability thanks to a long service life and the elimination of expensive and laborious maintenance work and lamp replacements.

 **LampFree**  
GO LAMP FREE AND SAVE



The DLP<sup>®</sup> logo is a registered trademark of Texas Instruments.

**HDMI**<sup>™</sup>

High-Definition Multimedia Interface is a trademark or registered trademark of HDMI Licensing, LLC.

All details at:

**[www.casio-projectors.eu](http://www.casio-projectors.eu)**

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