5 YEAR/ 10,000 HOUR* WARRANTY | LOW MAINTENANCE | MERCURY FREE

LampFree

CASIO Green Technology

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casio.co.uk/projectors

* Whichever comes first

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Key features & benefits

Casio's lamp-free projection range has a model suitable for most applications including classrooms, boardrooms, exhibitions and retail. Here you can understand the benefits of our lamp-free technology and why Casio is the market leader for solid-state projection.

Lamp-free

Casio projectors use Laser & LED Hybrid technology instead of lamps, not only improving environmental credentials but also reducing power consumption. Never having to change a lamp removes hassle for the user, ensuring total peace of mind

Mercury-free

No mercury is featured in the projectors, making them safer for both the user and environment

Low power consumption

The Laser & LED Hybrid light source uses less power than a conventional projector lamp and also has quick on/off functions, saving you time and money over the lifetime of the projector

Low maintenance

With no lamps to change and no filters to replace, the Casio range requires only minimal maintenance. This reduces projection downtime ensuring maximum productivity

Intelligent Brightness Control

All Casio projectors (excluding the XJ-V1) feature Intelligent Brightness Control that adjusts brightness levels according to the ambient light in the room. This reduces power consumption, saving the user money, and ensuring that the projector is always bright and vivid

Low TCO

Purchasing a Casio projector means there is only one fixed cost. There are no lamps or filters to change throughout the lifetime of the projector

5 year warranty

All Casio projectors come with a 5 year/10,000 hour on-site warranty* on both hardware and light source offering users total peace of mind

*Whichever comes first and upon registration. Visit: www.casio.co.uk/projectors

Core.

Essential projectors for every budget

Using the cost-effective, environmentally-friendly Casio Laser & LED Hybrid light source the Core boasts a brightness of up to 3,500 ANSI lumens. With the addition of 3 new models the Core series includes up to 1.5 optical zoom, making them the perfect replacement projector for a variety of applications. The Core series offers outstanding low total cost of ownership for high quality, impactful presentations with virtually no drop off in brightness.

Key features

- Lamp-free
- Up to 3,500 ANSI lumens
- Up to 1.5 x optical zoom
- XGA and WXGA resolution
- HDMI & VGA connectivity
- Quick start and stop
- Eco-friendly low power consumption
- Can be retrofitted to existing installations
- RS-232C connectivity
- Audio IN / OUT

Models	Brightness (ANSI lumens)	Resolution
XJ-V1	2,700	XGA
XJ-V10X	3,300	XGA
XJ-V100W	3,000	WXGA
XJ-V110W	3,500	WXGA

AV AWARDS 2016 WINNER

Click here to read full case study

"I am inundated on a daily basis by teachers who still have lamp-based projectors asking me when they can have one of the Casio models"

Hounsdown School

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Advanced.

Increased connectivity, ideal for a variety of applications

With brightness of up to 3,500 ANSI lumens and 1.5x optical zoom, these new models are the ideal replacement projectors for a variety of applications. The Advanced Series offer extensive connectivity options including 2 x HDMI, powered USB, WLAN* and LAN providing complete flexibility for multiple environments. A powered USB port allows easy use of Intel® WiDi, Miracast and Chromecast. This enables a cost-effective way to integrate tablets and other smart devices.

Key features

- Lamp-free
- Up to 3,500 ANSI lumens
- 1.5 x optical zoom
- XGA and WXGA resolution
- 2 x HDMI composite connectivity
- Powered USB
- Quick start and stop
- Eco-friendly low power consumption
- RS-232C
- LAN and WLAN connectivity
- Audio IN / OUT
- Crestron Roomview Express®

Models	Brightness (ANSI lumens)	Resolution	LAN	WLAN
XJ-F10X	3,300	XGA	-	-
XJ-F20XN	3,300	XGA	Yes	Optional
XJ-F210WN	3,500	WXGA	Yes	Optional

INAVATION AWARDS
TECHNOLOGY FINALIST 2017

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UST.

Ideal for both replacement and new-build projects

The Casio UST can be mounted close to the wall and create large, powerful presentations even in smaller rooms. The Casio UST is switchable between WXGA and XGA resolutions offering compatibility with new and existing installations. On screen shadowing is virtually eliminated, allowing for more creative and engaging presentations. The mercury-free Laser & LED light source offers excellent total cost of ownership, with virtually no maintenance throughout the projector's 20,000 hour lifetime.

Key features

- Lamp-free
- 3,100 ANSI lumens
- WXGA resolution with XGA compatibility option
- Creston Roomview Express®
- Quick start and stop
- Low power consumption
- Lifetime filter (dust resistant)
- Extensive connectivity options
- Can be retrofitted to existing installations
- HD ready

Models	Brightness (ANSI lumens)	Resolution	USB/WLAN
XJ-UT310WN	3,100	WXGA (16:10)	Yes

Click here to read full case study

"With no lamps or filters to change, the product is extremely low maintenance and doesn't have any downtime for changing parts, making them a great investment"

The University of Manchester

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Slim.

The ideal replacement projector

An industry-leading 2x optical zoom means that a Green Slim model will replace almost any installed projector seamlessly, without having to change ceiling brackets. This helps to keep budgets under control and disruption to a minimum. The Green Slim series offers brightness levels up to 3,000 ANSI lumens, more than enough for even a large, bright meeting room. They are light and portable, so can easily be moved between rooms if required.

Key features

- Lamp-free
- Up to 3,000 ANSI lumens
- XGA and WXGA resolution
- Flexible 2x optical zoom allowing easy installation
- Quick start and stop
- WLAN and USB (selected models only)
- HD ready
- Portable
- Less than A4 size

Models	Brightness (ANSI lumens)	Resolution	USB/WLAN
XJ-A257	3,000	WXGA	Yes
XJ-A247	2,500		
XJ-A147	2,500	XGA	
XJ-A252	3,000	WXGA	No
XJ-A242	2,500		
XJ-A142	2,500	XGA	

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"We tested three models from different manufacturers, but it didn't take long to see that the Casio solution was head and shoulders above its rivals"

Thomas Deacon Acadamey

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Model			Core				UST	Advanced			Green Slim Series		
Specification			XJ-V1	XJ-V10X	XJ-V100W	XJ-V110W	XJ-UT310WN	XJ-F10X	XJ-F20XN	XJ-F210WN	XJ-A142 XJ-A147	XJ-A242 XJ-A247	XJ-A252 XJ-A257
Technology			XGA 0.55" DLP® chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	WXGA 0.65" DLP chip	WXGA DLP® chip	XGA 0.55" DLP chip	XGA 0.55" DLP chip	WXGA 0.65" DLP chip	XGA 0.55" DLP® chip	WXGA 0.65" DLP® chip	WXGA 0.65" DLP® chip
Light Source			Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid	Laser & LED Hybrid
Life Expectancy			20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours	20,000 Hours
Brightness (ANSI Lumens)			2700	3300	3000	3500	3100	3300	3300	3500	2500	2500	3000
Intelligent Brightness Control			-	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Manual)	Available (Manual)	Available (Manual)	Available (Auto / Manual)	Available (Auto / Manual)	Available (Auto / Manual)
Contrast Ratio			20,000:1	20,000:1	20,000:1	20,000:1	1800 : 1	20,000:1	20,000:1	20,000:1	1800:1	1800:1	1800:1
Native Resolution			XGA (1024x768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	XGA (1024 x 768 pixels)	WXGA (1280 x 800 pixels)	WXGA (1280 x 800 pixels)
Max Signal Resolution			UXGA / WSXGA+	WUXGA	WUXGA	WUXGA	UXGA / WSXGA+	WUXGA	WUXGA	WUXGA	UXGA / WSXGA+	UXGA / WSXGA+	UXGA / WSXGA+
Lens	Standard zoom		1.1 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	-	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	1.5 x optical zoom (manual)	2x optical zoom (electronic)	2x optical zoom (electronic)	2x optical zoom (electronic)
	Focus		Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Electronic	Electronic	Electronic
	Offset		72%	50%	33%	33%	118% (60")	50%	50%	33%	50%	33%	33%
Fan Noise			35dB (default)	35dB (default)	35dB (default)	35dB (default)	33 dB (default) / 28dB	35dB (default)	35dB (default)	35dB (default)	35dB (default)	35dB (default)	35dB (default)
Keystone Correction (Vertical)			+/-30° (manual)	Auto : +30° (Manual : ±30°)	Auto : +30° (Manual : ±30°)	Auto : +30° (Manual : ±30°)	+/- 5°	Auto : +30° (Manual : ±30°)	Auto : +30° (Manual : ±30°)	Auto : +30° (Manual : ±30°)	+/- 30° (Auto)	+/- 30° (Auto)	+/- 30° (Auto)
Screen Size (diagonally)			30 - 300"	30 - 300"	35 - 300"	35 - 300"	50 - 100"	30 - 300"	30 - 300"	35 - 300"	15 - 300"	18 - 300"	18 - 300"
Throwing Distance	60" screen		1.79 to 1.99m	1.95 to 2.87m	1.64 to 2.42m	1.64 to 2.42m	0.13m	1.95 to 2.87m	1.95 to 2.87m	1.64 to 2.42m	1.7m to 3.4m	1.4m to 2.8m	1.4m to 2.8m
	100" screen		3.07 to 3.41m	3.33 to 4.85m	2.81 to 4.11m	2.81 to 4.11m	0.40m	3.33 to 4.85m	3.33 to 4.85m	2.81 to 4.11m	2.8m to 5.6m	2.4m to 4.8m	2.4m to 4.8m
Throw Ratio			1.54-1.71:1	1.64-2.46:1	1.32-1.93:1	1.32-1.93:1	0.28 : 1	1.64-2.46:1	1.64-2.46:1	1.32-1.93:1	1.4 - 2.8:1	1.15 - 2.3:1	1.15 - 2.3:1
Inputs	Computer	Input	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	2 x 15pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub (VGA)	1 x 15-pin RGB mini D-sub (VGA)
		Output	-	-	-	-	1 x 15 pin RGB mini D-sub (VGA)	-	-	-	-	-	-
	Digital input		1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p –1080p)	2 x HDMI type A (480p–1080p)	2 x HDMI type A (480p–1080p)	2 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)	1 x HDMI type A (480p–1080p)
	Video		-	-	-	-	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA (composite)	1 x RCA composite (via supplied AV cable)	1 x RCA composite (via supplied AV cable)	1 x RCA composite (via supplied AV cable)
	S-Video		-	-	-	-	1 x S-Video	1 x S-Video	1 x S-Video	1 x S-Video	-	-	-
	Component video		Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	via 2 x D-sub 15-pin	Shared with RGB input terminal	Shared with RGB input terminal	Shared with RGB input terminal	Via D Sub 15-pin	Via D Sub 15-pin	Via D Sub 15-pin
	Audio	Input	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	2 x 3.5mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack,	-	-	-
		RCA R/L terminals		-	-	-	RCA pin terminal (L/R) x 1	RCA R/L terminals	RCA R/L terminals	RCA R/L terminals	-	-	-
		Output	1 x 3.5 mm stereo mini jack	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	2 x 3.5mm stereo mini jack, 1 x MIC	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	1 x 3.5 mm stereo mini jack (Variable audio output)	From HDMI input only	From HDMI input only	From HDMI input only
	RS-232C serial		Yes	Yes	Yes	Yes	1 x 9-pin mini D-sub	Yes	Yes	Yes	YK-60 (optional accessory)	YK-60 (optional accessory)	YK-60 (optional accessory)
	WLAN		-	-	-	-	Yes	-	Yes (optional with YW-40 adapter)	Yes (optional with YW-40 adapter)	XJ-A147 only	XJ-A247 only	XJ-A257 only
	LAN terminal		-	-	-	-	1 x RJ-45	-	1 x RJ-45	1 x RJ-45	-	-	-
	USB		Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	Micro-USB TypeB X 1: For firmware update	1 x USB type A	Micro-USB type B × 1: For logo data registration firmware update	Micro-USB type B × 1: For logo data registration firmware update USB type B × 1	Micro-USB type B × 1: For logo data registration firmware update USB type B × 1	1 x USB type A (XJ-A147 only) Mirco-USB type B, Logo transfer/ Firmware update (XJ-A147 only)	1 x USB type A (XJ-A247 only) Mirco-USB type B, Logo transfer/ Firmware update (XJ-A247 only)	1 x USB type A (XJ-A257 only) Mirco-USB type B, Logo transfer/ Firmware update (XJ-A257 only)
	Interactive pointing		-	-	-	-	2 x USB type B	-	-	-	-	-	-
Speaker			-	-	-	-	16W	16W, Monaural	16W, Monaural	16W, Monaural	1W	1W	1W
Instant Off			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Time to Full Brightness	Max		5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	5 secs	8 secs	8 secs	8 secs
Power Consumption	Eco Off		150W	Bright mode: 180W Normal mode: 155W	Bright mode: 150W Normal mode: 135W	Bright mode: 190W Normal mode: 165W	MAX 250W	Bright mode: 195W Normal mode: 170W	Bright mode: 195W Normal mode: 170W	Bright mode: 205W Normal mode: 175W	155W	165W	165W
	Eco On Level 1		120W	145W	125W	155W	185W	160W	160W	165W	115W	120W	120W
	Standby		0.23W	0.23W	0.23W	0.23W	0.4W (LAN off), 4.8W (LAN on)	0.23W	0.23W	0.23W	0.4W	0.4W	0.4W
Colour			White	White	White	White	White	White	White	White	White	White	White
Dimensions (W x D x H) mm			267 x 270 x 89	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	413 x 333 x 153	299 x 299 x 97	299 x 299 x 97	299 x 299 x 97	297 x 210 x 43	297 x 210 x 43	297 x 210 x 43
Weight			2.8kg	3.5kg	3.5kg	3.5kg	5.7kg	3.5kg	3.5kg	3.5kg	2.3kg	2.3kg	2.3kg
Box Contents			Remote Control (YT-150), Power Cable Test Batteries (AAA-size × 2), Safety Precautions	Remote Control (YT-151),Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Remote Control (YT-140), YW-40 Wireless Adapter, RGB Cable, Power Cable, Set-up Guide, Carrying Bag, YM-80 Wall Mount	Remote Control (YT-141), Power Cable Test Batteries (AAA-size × 2), Safety Precautions			Remote Control (YT-130), RGB Cable, Wireless Adapter (USB models only), Power Cable, Soft Carry Case, User Manual (printed)		

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Lamp-free technology benefits

Shorter Startup and shutdown time required

Project with confidence without delay. Casio Laser & LED Projectors has the ability to turn On/Off as fast as 5 seconds. This reduces waiting time compared to traditional lamp-based projectors.

The drastic reduction in waiting time for the projector to start up and shutdown allows you to be more time efficient during your presentation. This also means that you do not need to wait for the projector to cool down at all after your presentation.

*1 As little as 8 seconds with slim models
*2 Supported models: Core and Advanced models.

Reduced labour for trouble-shooting and virtually no maintenance required

Casio projectors have the advantage of not having to worry about expensive lamp and filter replacements. This brings significant cost and time savings.

Adoption of a long-life light source and dust-resistant design minimizes the risk of interrupted use due to technical problems, such a burnt-out lamp or clogged filter. Projectors can be used without concern for consumables preparation, management, maintenance and disposal.

*Comparison with a high-pressure mercury lamp model (earlier CASIO product). As of February 2016, CASIO investigation.

Reductions in both cost and size

Using the environmentally friendly Laser & LED Hybrid light source, Casio Projectors achieve incredible low power consumption, reducing electricity costs as a result. Their compact size provides easy portability also.

By adopting the Laser & LED Light source, it enables you to save up to 40% of energy consumption against traditional lamp based projectors by using our very own Light Control Function. The size of these new projectors are now made to be more compact compared to the predecessor models.

*Numerical figures represent comparisons between 3,000 lumens models.

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The Casio range of projectors

Core

The Core series is the ideal replacement projector offering outstanding low total cost of ownership. Our most affordable projectors ever achieve low power consumption, whilst still creating quality, impactful presentations over its 20,000 hour lifetime.

Advanced

With brightness of up to 3,500 ANSI lumens, 1.5x zoom, and extensive connectivity options, the new Advanced series is the ideal replacement for a variety of applications.

UST

The Ultra Short Throw model offers brightness of 3,100 ANSI lumens – more than enough for even a large, bright classroom or meeting room and features WXGA switchable to XGA, offering compatibility with new and existing installations.

Green Slim

The Green Slim series is the perfect choice for those looking to upgrade their current projectors. An industry-leading 2x optical zoom means that a Green Slim model will replace almost any installed projector seamlessly, without having to move the existing ceiling brackets.

Click here for more information about the Casio projector range or call 020 8208 9453

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