

For immediate release

Casio Releases New High-Brightness Lamp-Free Projectors with Greater Smart Device Compatibility



XJ-A257



XJ-M256

TOKYO, July, 2014 — Casio Computer Co., Ltd., announced today the release of seven new high-brightness projectors that work without lamps. The new projectors, featuring the flagship XJ-A257 and XJ-M256 models, also offer better compatibility with smart devices such as tablets and smartphones.

In 2010, Casio launched a projector that delivered brightness of 2500 lumens without using a mercury lamp, using its original Laser & LED Hybrid Light Source. Since then, the company's lineup of projectors has grown to include 3000-lumen models and models compatible with smart devices. Casio projectors have been well received for a wide range of applications ranging from business to education.

The seven new models are lamp-free projectors that make possible a new style of presentation by offering even better compatibility with smart devices. When using a smart device with the original multi-function C-Assist* application from Casio installed, the presenter no longer needs to stay near the projector or PC, and is free to move around the room while delivering a presentation with a wide variety of content.

*The Android and iOS versions of the application will be available from Google Play and the Apple App Store, respectively, in July 2014.

Main Features of the C-Assist Smart Device App

- PC remote operation enables users to operate a PC that is connected to the projector from a smart device
- Camera image projection allows users to project images captured by the camera of a smart device in real time
- Content projection enables users to project education or presentation materials from a smart device
- Projector remote operation makes it possible to operate the projector from a smart device

The new lineup includes the Green Slim models, XJ-A257, A247, and A147, which boast a profile of just 43 millimeters and a weight of 2.3 kilograms for outstanding portability. The Standard Models, XJ-M256, M246, M156, and M146, come with various interfaces. All the new projectors are equipped with internal memory storage (approximately 2 GB) for storing presentation content, making it possible to give presentations without a PC or USB memory device. They reduce environmental impact by not using a mercury lamp and also help lower total cost of ownership thanks to their light source, which lasts about 20,000 hours, and their power-saving performance.

Models		Brightness	Resolution
Green Slim	XJ-A257	3000 lumens	WXGA
	XJ-A247	2500 lumens	
	XJ-A147	2500 lumens	XGA
Standard	XJ-M256	3000 lumens	WXGA
	XJ-M246	2500 lumens	
	XJ-M156	3000 lumens	XGA
	XJ-M146	2500 lumens	

In addition to the models above, seven other high-brightness lamp-free projector models are also being released today. They offer even greater affordability by omitting the internal memory and smart device compatibility functions.

New Projector Line-up

Models		Smart-device compatibility	Brightness	Resolution
Green Slim	XJ-A257	Yes	3000 lumens	WXGA
	XJ-A247		2500 lumens	
	XJ-A147		2500 lumens	XGA
	XJ-A252	No	3000 lumens	WXGA
	XJ-A242		2500 lumens	
	XJ-A142		2500 lumens	XGA
Standard	XJ-M256	Yes	3000 lumens	WXGA
	XJ-M246		2500 lumens	
	XJ-M156		3000 lumens	XGA
	XJ-M146		2500 lumens	
	XJ-M251	No	3000 lumens	WXGA
	XJ-M241		2500 lumens	
	XJ-M151		3000 lumens	XGA
	XJ-M141		2500 lumens	

Main Options

Product	Model	XJ-A257 XJ-A247 XJ-A147 XJ-A252 XJ-A242 XJ-A142	XJ-M256 XJ-M246 XJ-M156 XJ-M251 XJ-M214 XJ-M151 XJ-M141
Serial Conversion Cable	YK-60	●	—
Casio 3D Converter	YA-D30	—	●
3D Glasses for Casio Projector	YA-G30	—	●

Main Specifications

Green Slim Models

Model	XJ-A257	XJ-A252	XJ-A247	XJ-A242	XJ-A147	XJ-A142
Brightness*1	3000 lumens		2500 lumens			
Light Source	Laser & LED Hybrid Light Source					
Estimated Life of Light Source	Approximately 20,000 hours					
Display System	DLP® chip x 1, DLP® system					
Display Chip	Chip Size	WXGA 0.65 inches			XGA 0.55 inches	
	Number of Pixels	1,024,000 (1280x800)			786,432 (1024x768)	
Contrast Ratio	1800:1					
Vertical Keystone Correction	+30° (auto) ±30° (manual)					
Projection Lens	2.0X optical power zoom, manual power focus					
	F 2.29 to 3.09 / f 15.9 to 30.8					
Projection Image Size	18 inches to 300 inches				15 inches to 300 inches	
Projection Distance	60-inch Screen	1.43m to 2.84m			1.70m to 3.36m	
	100-inch Screen	2.41m to 4.75m			2.86m to 5.61m	
	Minimum Distance	0.84m				
Color Reproduction	Full color (16.77 million colors)					
Scanning Frequencies	Horizontal	15 to 91 kHz				
	Vertical	50 to 85 Hz				
Display Resolution	RGB Signal	Native: 1280 x 800			Native: 1024 x 768	
		Maximum: 1600 x 1200 (UXGA) resizing				
	Component Signal	Maximum: 1920 x 1080 (HDTV 1080P)				
	HDMI Signal	Maximum: 1920 x 1080 (HDTV 1080P)				
	Video Signal	NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM				
Terminals	RGB Input	Computer terminal: RGB 15-pin mini D-Sub x 1				
	Component Input	Used for both RGB input and component (YCbCr/YPbPr) input				
	Digital Video Input	HDMI input terminal: HDMI Type A terminal x 1 HDCP support, audio signal support				
	Analog Video Input	AV terminal: 3.5mm mini-jack x 1				
	Audio Input-Output	Used for both analog video video input and audio input-output				
Control Terminal	RS-232C x 1 (Separately-sold YK-60 serial conversion cable required for connection)					
USB Function	For user to store start-up logo data: Micro-USB Type B x 1					
Speaker	1W x 1, monaural					
Intelligent Brightness Control	Yes					
Eco Mode	Yes					
Security Compatibility	Kensington-compatible, power-on password					
Other Functions	Digital zoom (2X), rear-projection, freeze, color mode, blank screen, ceiling mount*2					
Power Source	AC100 to 240V, 50/60Hz					
Power Consumption	Bright Mode	165W		155W		
	Eco Mode Level 1	120W		115W		
	Eco Mode Level 5	75W		70W		
	Standby	AC 100 to 120V : 0.14W / AC 220 to 240V : 0.23W				
Dimensions (WxHxD)	297 x 43 x 210mm (including projections)					
Weight	2.3kg					
Included Accessories	Wireless remote controller / AC power cord / RGB cable / special AV cable / setup guide / warranty card / soft case					

●XJ-A257/A247/A147 only

Supported Wireless	IEEE 802.11b/g/n compatible (wireless LAN adaptor is included)					
Connection by Wireless Network	Android devices	Supports Android devices running the C-Assist app*3 Compatible file formats: PDF, JPEG, BMP, PNG				
	iOS devices	Supports iOS devices running the C-Assist app*3 Compatible file formats: PDF, PowerPoint®, Excel®, Word®, JPEG, BMP, PNG				
	Windows® PC	Supports Windows® PCs with the Network Connection software*4				
	Apple Mac	Supports Mac with the Network Connection software*4				
Projection with File Viewer	Compatible File Formats	PDF, JPEG, BMP, PNG, GIF, AVI (MJPEG video, ADPCM audio), MOV (H.264 video, ADPCM audio or AAC audio), MP4 (H.264 video, AAC audio)				
	Other File Formats	ECA, PtG*45				
Internal Memory	Approx. 2GB					
USB Host	USB Type A x 1					
USB Display	Micro-USB Type B x 1					

Standard Models

Model	XJ-M256	XJ-M251	XJ-M246	XJ-M241	XJ-M156	XJ-M151	XJ-M146	XJ-M141
Brightness ^{*1}	3000 lumens		2500 lumens		3000 lumens		2500 lumens	
Light Source	Laser & LED Hybrid Light Source							
Estimated Life of Light Source	Approximately 20,000 hours							
Display System	DLP [®] chip x 1, DLP [®] system							
Display Chip	Chip Size	WXGA 0.65 inches			XGA 0.55 inches			
	Number of Pixels	1,024,000 (1280x800)			786,432 (1024x768)			
Contrast Ratio	1800:1							
Vertical Keystone Correction	+30° (auto) ±30° (manual)							
Projection Lens	1.5X optical zoom, manual focus							
	F 2.31 to 2.73 / f 18.9 to 27.2							
Projection Image Size	35 inches to 300 inches				30 inches to 300 inches			
Projection Distance	60-inch Screen	1.71m to 2.50m			2.02m to 2.95m			
	100-inch Screen	2.88m to 4.18m			3.40m to 4.93m			
	Minimum Distance	0.98 m			1.00 m			
Color Reproduction	Full color (16.77 million colors)							
Scanning Frequencies	Horizontal	15 to 102 kHz						
	Vertical	50 to 120 Hz						
Display Resolution	RGB Signal	Native: 1280 x 800			Native: 1024 x 768			
		Maximum: 1600 x 1200 (UXGA) resizing						
	Component Signal	Maximum: 1920 x 1080 (HDTV 1080P)						
	HDMI Signal	Maximum: 1920 x 1080 (HDTV 1080P)						
Terminals	Video Signal	NTSC, PAL, PAL-N, PAL-M, PAL60, SECAM						
	RGB Input	Computer terminal: RGB 15-pin mini D-Sub x 1						
	Component Input	Used for both RGB input and component (YCbCr/YPbPr) input						
	Digital Video Input	HDMI input terminal: HDMI Type A terminal x 1 HDCP support, audio signal support						
	Analog Video Input	Composite (RCA) terminal x 1, S-Video terminal x 1						
	Audio Input	RCA(R/L) terminals x 1, 3.5 mm stereo mini jack x 1						
	Audio Output	3.5 mm stereo mini jack x 1						
Control Terminal	RS-232C (D-Sub 9 pin) x 1							
USB Function	For user to store start-up logo data: Micro-USB Type Bx 1							
Speaker	5W x 1, monaural							
Intelligent Brightness Control	Yes							
DLP [®] 3D Projection Ready	Yes							
Eco Mode	Yes							
Security Compatibility	Kensington-compatible, power-on password							
Other Functions	Digital zoom (2X), rear-projection, freeze, color mode, blank screen, ceiling mount ^{*2}							
Power Source	AC 100V to 240V, 50/60Hz							
Power Consumption	Bright Mode	180W		165W		180W		165W
	Eco Mode Level 1	145W		135W		145W		135W
	Eco Mode Level 5	85W		80W		85W		80W
	Standby ^{*6}	AC 100V to 120V : 0.12W / AC 220V to 240V : 0.23W						
Dimensions (WxHxD)	311 x 84 x 244mm (including projections)							
Weight	3.9kg							
Included Accessories	Wireless remote controller / AC power cord / RGB cable / setup guide / warranty card							

●XJ-M256/M246/M156/M146 only

Wireless Support	IEEE 802.11b/g/n compatible (wireless LAN adaptor is included)							
Connection by Wireless Network	Android devices	Supports Android devices running the C-Assist app ^{*3} Compatible file formats: PDF, JPEG, BMP, PNG						
	iOS devices	Supports iOS devices running the C-Assist app ^{*3} Compatible file formats: PDF, PowerPoint®, Excel®, Word®, JPEG, BMP, PNG						
	Windows [®] PC	Supports Windows [®] PCs with the Network Connection software ^{*4}						
	Apple Mac	Supports Mac with the Network Connection software ^{*4}						
Projection with File Viewer	Compatible File Formats	PDF, JPEG, BMP, PNG, GIF, AVI (MJPEG video, ADPCM audio), MOV (H.264 video, ADPCM audio or AAC audio), MP4 (H.264 video, AAC audio)						
	Other File Formats	ECA, PtG ^{*5}						
Internal Memory	Approx. 2GB							
USB Host	USB Type A x 1							
USB Display	Micro-USB Type B x 1							
LAN Terminal	RJ-45 x 1, 100BASE-TX/10BASE-T							

*1. When using Bright mode.

*2. Metal ceiling-mount fittings required; installation work charged separately.

*3. In July 2014, Casio plans to offer an Android application at Google Play, and an iOS application at the Apple App Store.

*4. Various types of connectivity software will be provided on the Casio website (<http://world.casio.com/download/projector/>) in June 2014.

*5. PowerPoint files are converted using original Casio software, including animation effects.

*6. When "Disable" is specified for "Remote On"

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