



Preliminary



Ecolite Powered by Casio LampFree LampFree® Projector

CASIO_® Laser & LED Hybrid Light Source

The EcoLite[™] incorporates essential features with Casio's Industry Leading LampFree[®] Technology to create a budget friendly projector. The XJ-V1 delivers reliable long term operation, exceptional image quality, 2700 lumens of brightness & connectivity and is ideal for use in classrooms, on the road or in the boardroom.

LampFree Benefits:

- Laser & LED Hybrid Light source
- 20,000 estimate operating life
- Mercury Free
- No Lamp Replacement
- No Down Time
- Quick ON full brightness in 5 seconds
- Instant Off

Key Features:

- Laser & LED Hybrid Light source
- Brightness: 2700 lumens
- Resolution: XGA (1024 x 768)
- Display Device: 0.55" DLP[®] chip × 1, DLP[®] system
- Lens: 1.1 x Manual Zoom/Focus
- Throw Ratio: 1.54-1.71:1
- Terminals:
 - RGB (15 pin HD)
 - HDMI
 - RS-232 (9 pin D-Sub)
 - Audio (3.5mm stereo Mini Variable Audio Out
- Dimensions: 10.6" w x 10.6" d x 3.5" h
- Ceiling Mount: Yes Four (4) M4 x 4

Reliable Operation and Low TCO:

Casio LampFree® Projectors are reliable and built to last, with an estimated light source life of up to 20,000 hours. The EcoLite is covered by a 3-year parts and labor warranty plus 5 years or 10,000 hours on the Hybrid Light Source. Our industry leading warranty makes our already low Total Cost of Ownership (TCO) even better and users can expect to easily save up to \$1000 on lamp cost during the warranty period.



	VCL (4024 - 700) 700 402 - 1
Native Resolution	XGA (1024 x 768) 786,432 pixels 4·3
Native Aspect Ratio	1.5
Brightness	2700 lumens
Display Device	0.55" DLP® chip
Contrast Ratio	20000:1
(Full White/Black)	
Lens Type	1.1X Manual Zoom & Focus
Lens Offset	72%
Light Source	Casio Laser & LED Hybrid
Estimated Light Source Life	Up to 20,000 hours
Projection Screen Size (Min-Max)	36 - 360 inches
Projection Range	
60-inch Screen	5.9-6.5 ft
100-inch screen	10.1-11.2 ft
Minimum	2.7 ft @30inch 1
Throw Ratio	1.54-1.71:1
Keystone Correction	Vertical + or - 30° (Manual)
Color Reproduction	Full color (up to 1.07 billion colors)
Power Source	AC 100 ~240V, 50/60 Hz
Power Consumption	
Operating	~155w Eco Off Bright Mode
Standby	0.15w
TERMINAL CONNECTIVITY	
Video Signal Compatibility	
Video Systems	NTSC/ PAL/ PAL-N/ PAL-M/ PAL60/ SECAM
DTV/HDTV	480i/480p/576i/576p/720p/1080i/1080p
Maximum Computer Input	UXGA (1600 x 1200)
INPUTS	
RGB/Component Video Input	"mini D-Sub 15 pin x 1 also use as YCbCr/YPbPr input
	commercially available adapter required"
HDMI	"HDMI Type A x 1 (480p~1080p) HDCP and audio support"
Composite Video	No
Audio	3.5 mm Mini - Stereo
Microphone	No
USB	No
Wireless Capability	No
OUTPUTS	110
Audio	3.5 mm Mini - Stereo Variable Audio
RGB Output	No
AUDIO AND CONTROL SYSTEMS	
Control Terminal	
Control Terminal RS-232	RS-232 (Dsub 9 Pin) x 1
	RS-232 (Dsub 9 Pin) x 1 No
RS-232 LAN	
RS-232 LAN	
RS-232 LAN OTHER INFORMATION Usage Environment	
RS-232 LAN OTHER INFORMATION	No
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temperature	No 41~95°F 20~80% (non condensation)
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode	No 41~95°F
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level)
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7)	41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning	No 41~95°F 2080% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No TBA
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No TBA Kensington TM Compatible / Power On Password
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable	A1~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No TBA Kensington [™] Compatible / Power On Password Yes, available and sold separately by 3rd party vendors
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty)	41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington TM Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm)
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temperature Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty)	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No TBA Kensington [™] Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No TBA Kensington [™] Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temperature Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories	No 41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mountable Imited Warranty Included Accessories Optional Accessories	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington TM Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cobinet Color	No 41~95°F 20~80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cabinet Color	41~95°F 20~80% (ron condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA White
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temperature Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mountable Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections	No 41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington [™] Compatible / Power On Password Yes, varilable and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA White 10.6" x 10.6" x 3.5"
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mountable Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Cabinet Color Ditonal Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections	No 41-95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No No Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA 10.6" x 10.6" x 3.5" TBA
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Weight	No 41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington™ Compatible / Power On Password Yes, vaniable and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA White 10.6" x 10.6" x 3.5"
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temperature Operating TempHumidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Weight Packing Information	41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA White 10.6" x 10.6" x 3.5" TBA & 6.6 lbs
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Weight Packing Information	A1-95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No No Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA 10.6" x 10.6" x 3.5" TBA 8.6 lbs TBA
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Excluding Projections Carton Dimensions Carton Dimensions	No 41~95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No TBA Kensington [™] Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Waranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA 10.6" x 10.6" x 3.5" TBA 8.6 lbs TBA TBA
RS-232 LAN OTHER INFORMATION Usage Environment Operating Temp/Humidity High Altitude Mode Extended operation (24 x 7) Rotation Projection Closed Captioning Remote Control Range Security Compatibility Ceiling Mount Screws (Type x Qty) Limited Warranty Included Accessories Optional Accessories Cabinet Color Dimension (W x D x H) Including Projections Excluding Projections Weight Packing Information	A1-95°F 20-80% (non condensation) Yes (for operation 5,000 to 10,000ft above sea level) Yes Note: Projector must be turned off once every 24 hours No No No Kensington™ Compatible / Power On Password Yes, available and sold separately by 3rd party vendors M4 x 4 (not included) Insert depth (5-8 mm) 3 Years Parts & Labor plus 5 years or 10,000 hours on light source, see Warranty Statement included with product for complete details Remote Control, Power Cord, RGB Cable, Warranty, Setup Guide TBA 10.6" x 10.6" x 3.5" TBA 8.6 lbs TBA

© 2015 Casio America, Inc. All rights reserved. Casio is a registered trademark of Casio Computer Co., Ltd. In the United States and/or other countries. Specifications were thought to be correct at time of publication. All specifications and features are subject to change without notice. DLP, the DLP logo and the DLP medialion are trademarks of Texas Instruments. XGA and WXGA are registered trademarks of International Business Machines Corporation in the United States. HDMI is a trademark or registered trademark of HDMI Licensing, LLC. Other product names or company names on this specification brochure are either trademarks or registered trademarks of their respective owners.