CASIO.

LampFree
CASIO Green Technology

Green Slim Series

Flexible and mobile

XJ-A142 | XJ-A147 | XJ-A242
XJ-A247 | XJ-A252 | XJ-A257

The Green Slim Series are usable whenever and wherever! They were specially developed for mobile use and boast an ultra-flat, high-quality design. Thanks to 2x optical zoom and intelligent brightness control, the projectors can be adjusted to suit any situation and always provide a great image – even with a fixed installation.

LampFree Benefits
- Laser and LED Hybrid Light Source
- Mercury Free
- Up to 20,000 Hours service life
- No Lamp Replacement
- Low Power Consumption
- No Down Time for maintenance
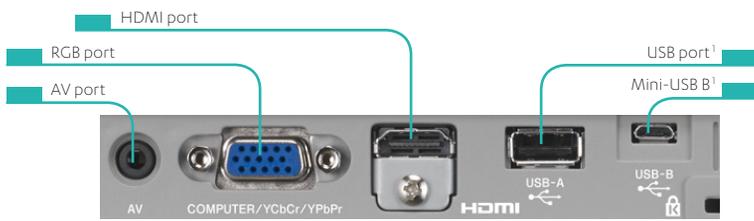
LampFree Features
- Up to 3,000 lumens
- Intelligent Brightness Control
- Quick Start (8 seconds to full brightness)
- Direct ON/OFF
- Network Connectivities
- WLAN adapter:
  XJ-A147, XJ-A247, XJ-A257

Low Carbon Footprint
Eco Mode can save as much as 50% energy costs, and we link it to an ambient light sensor, producing great images by automatically adjusting the projector brightness to the brightness of the room.

HD ready

| Up to 20,000h Life time | New mercury-free light source | Up to 3,000 lumens | Brilliant colour rendition | Direct ON/OFF | Eco | Intelligent brightness control | WLAN | Made in Japan |

Technical specifications of the Green Slim Series at a glance:		XJ-A142	XJ-A147	XJ-A242	XJ-A247	XJ-A252	XJ-A257
Display	Technology:	0.55" DLP® chip (XGA)		0.65" DLP® chip (WXGA)			
	Resolution:	1,024 x 768 pixels (XGA)		1,280 x 800 pixels (WXGA)			
Illumination technology	Type:	Laser and LED Hybrid Technology					
	Service life:	up to 20,000 hours					
	Intelligent brightness control:	Eco level 1–5/120–60 watts					
Picture	Contrast:	1,800:1					
	Colour depth:	16.77 mil.					
Projection lens	Technology:	2x optical zoom, motorised					
	Projection ratio (viewing distance:width):	1.4–2.81:1		1.15–2.30:1			
	Offset:	50 %		33 %			
	Min. distance:	0.85 m					
	Focus:	Motorised					
Projection	Size of projection screen:	15" (0.38 m) to 300" (7.62 m)		18" (0.46 m) to 300" (7.62 m)			
	Projection range:	60" (1.52 m)					
	Viewing distance 60" screen:	1.7 m to 3.4 m		1.4 m to 2.8 m			
	Viewing distance 100" screen:	2.8 m to 5.6 m		2.4 m to 4.8 m			
Keystone correction	Vertical (automatic/manual):	+30°/±30°					
Interfaces	Computer:	1x 15 pin D-sub (VGA)					
	Digital input:	1x HDMI port					
	Video/audio:	Composite: 1x 3.5 mm mini jack for audio input and output					
	Component video:	Optional adapter via mini RGB 15-pin D-sub					
	USB[1]:	Type A (USB 2.0) Mini-USB type B (back): USB display/data transfer Mini-USB type B (side): logo transfer/firmware update					
	Plug-in USB devices[1]:	USB memory stick, CASIO Wireless Adapter YW-40, selected CASIO graphic calculators/electronic dictionaries and digital cameras[2]					
Wireless connection[1]		IEEE 802.11 b/g/n compatible with Windows and Mac via additional software[3]					
Extended functions	Internal memory (media player):	approx. 2 GB[1]					
	Other:	Direct power on, direct power off, rear projection, freeze, blank screen, ceiling mounting					
Audio and control systems	Audio system:	1 W monaural speaker					
	Control inputs:	RS-232 (mini 9-pin D-sub)					
	Compatible control systems:	Crestron, AMX, Extron, SP Controls					
Operating noise		35 dB (default mode)/29 dB (safe mode)					
Energy consumption	Active:	155 W (eco off)/ 115 W (eco on, level 1)		165 W (eco off)/ 120 W (eco on, level 1)			
	Standby:	0.23 W					
Computer compatibility	Max. resolution (compressed):	1,600 x 1,200 pixels (UXGA)					
Video compatibility	Norms:	PAL-N/-M, PAL60, SECAM, NTSC					
	Signals:	Composite video, YCbCr, YPbPr					
Included with product		Batteries, RGB cable, video cable, mains cable, IR remote control (YT-130), bag, Wireless Adapter (YW-40)[1]					
Optional accessories		RS-232 adapter cable (mini serial) (YK-60)					
General	Dimensions (W x H x D):	297 x 43 x 210 mm					
	Weight:	2.3 kg					
	Casing/colour:	White					
	Operating temperature:	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[4] 2. When used continuously for more than 12 hours per day Projector: two years Light source: two years or 6,000 hours[4]					

HDMI port
RGB port
AV port
USB port[1]
Mini-USB B[1]

AV   COMPUTER/YCbCr/YPbPr   HDMI   USB-A   USB-B

Model	Lumens	Resolution	USB/WLAN
XJ-A142	2,500	XGA (4:3)	–
XJ-A147	2,500	XGA (4:3)	USB/WLAN/2 GB
XJ-A242	2,500	WXGA (16:10)	–
XJ-A247	2,500	WXGA (16:10)	USB/WLAN/2 GB
XJ-A252	3,000	WXGA (16:10)	–
XJ-A257	3,000	WXGA (16:10)	USB/WLAN/2 GB

HD ready

DLP TEXAS INSTRUMENTS

HDMI™

[1] USB/WLAN models only.
[2] Function can only be guaranteed for specified CASIO products. More detailed information on supported USB memory sticks is available on the CASIO website.
[3] More detailed information at www.casio-projectors.eu
[4] Whichever is reached first.