

This course explains how to service the Vega-PJ1 series of short-throw projectors.













- 1. Audio In: Connect the audio output from the computer connected at 5 or 6 here.
- 2. Audio In (Video): Connect the audio output from the video equipment connected at 3 or 4 here.

For a mono audio signal (a single audio jack), connect it to the L(MONO) jack.

- 3. Pb/Cb/Pr/Cr/Video/Y: Connect the video signal to the Video/Y jack; Connect the component video signal to the Pb/Cb/Pr/Cr/Y jacks.
- 4. S-Video: Connect the S-Video output from the video equipment to this terminal.
- 5. Computer 1 In: Connect the analog RGB output signal from a computer to this terminal.
- 6. Computer 2 In/Monitor Out: Connect the computer output to this terminal. Output the analog signal from 5 to another monitor.
- 7. Control: Connect the serial control cable to this terminal when using RS-232C to control the projector.



- 1. Power indicator
 - Lights red when the projector is in standby mode.
 - Lights green during operations.
 - Flashes green in the power management (standby) mode.
 - Flashes red in the cooling state.
- 2. Lamp indicator: Turns orange when the life of the projection lamp draws to an end.
- 3. Temp indicator: Flashes red when the internal temperature of the projector is abnormally high.
- 4. Menu button: Opens or closes the screen menu.
- 5. Pointer buttons
 - Select an item or adjust data in the screen menu.
 - Adjust the volume.
 - Correct the keystone distortion.
- 6. Input/Enter button
 - Switch the input source.
 - Enter screen menu operation.
 - Execute the selected items.
- 7. Auto button
 - Automatically set the display parameters for the PC input signal.
 - Switch to search for an input source automatically when there is no signal input.
- 8. Power button: Turn the projector on or off.





Development Name	Vega- PJ1 a	Vega- PJ1b
Model#	PJ K310	PJ K320
Product Image		
Display Panel	3 x 0.63"	3 x 0.63"
Display Technology	Liquid Crystal Display	Liquid Crystal Display
Resolution	XGA (1024 x 768)	XGA (1024 x 768)
Light Source	Lamp	Lamp
Brightness (Im)	2500	2750
Contrast Ratio	400:1	1600:1
Noise (dB)	Normal: 34dB@2m	Normal: 34dB@2m
Lamp Consumption (W)	230W	230W
Lamp Life time (H)	(Normal)2000H/(Eco)3000H	(Normal)2000H/(Eco)3000H
Power Consumption	280W	280W
Zoom/Focus	Manual	Manual
Zoom Ratio	N/A	N/A
Aspect Ratio	4:3 (Standard)/16:9 (Compatible)	4:3 (Standard)/16:9 (Compatible)
Keystone Correction	Manual Keystone: 15 [*] vertical	Manual Keystone: 15* vertical
MAX Dimensions (WxHxD mm)	356 X 306 X 93	356 X 306 X 93
Net. Weight (KG)	3.7	3.7

For more details, see the field service manual.







This projector is installed by the customer. However, please study the installation procedure in the user's guide to be familiar with the procedure, because some customers may need help.





















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