



LASER PROJECTOR AVP-6520

DATASHEET



OVERVIEW



6500 lumens, 1080P, DLP laser phosphor projector

- ◎ Allowing larger image projection at close distances.
- ◎ Pure laser light source design with a lifespan of up to 20,000 hours.
- ◎ Fully-featured to meet various industry applications.
- ◎ Compatible with 4K input signal display.



Black

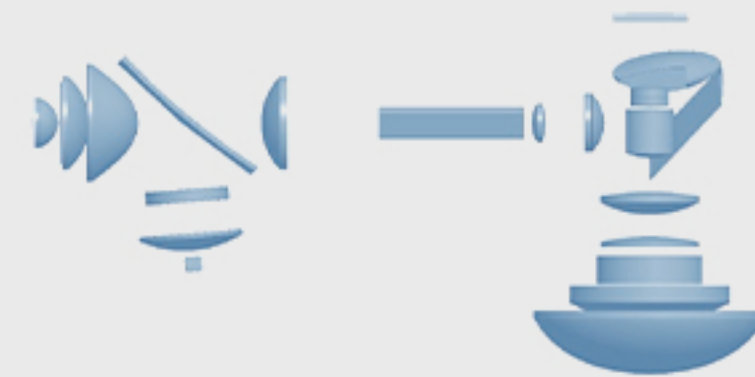


White

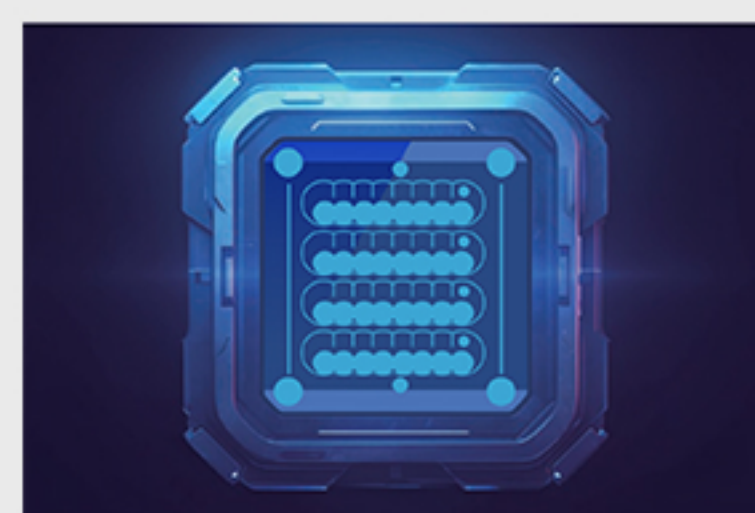
PRODUCT FEATURES



For more interactive commercial uses, P-Series projectors have 1080P/4K UHD models with a 0.495:1 throw ratio lens, helping creators deliver stunning visuals for exhibitions, ride-on cinemas and near-field interactions.



P-Series projectors use AVOCOR's exclusive patented concave-mirror total reflection tech and inorganic-material wave plates to build a total reflection optical engine, with industry-leading light efficiency and image uniformity.



Uses MCL laser diode modules (individual laser failure won't cause blackouts), plus 30,000-hour long-life lasers, sealed dust-proof optics, and filter-free maintenance-free design. It enables 7×24 operation with low maintenance costs and high reliability.



P-Series projectors use advanced DLP® tech, with full-series large DMD chips (0.65-inch array); these high-cost chips offer better thermal stability and light efficiency.



P-Series projectors have a built-in altitude/air pressure sensor, which auto-detects them on startup. With AI algorithm support, they auto-adjust overall heat dissipation, ensuring adaptability to complex altitude conditions.



The HSV™ Color Management System lets users independently adjust hue, saturation, gain for 7 colors (R/G/B/C/Y/M/W) and match different image gamma curve parameters. It enables single-machine color calibration and simplifies color difference calibration post multi-machine fusion.

SPECIFICATIONS

AVP-6520

Main Parameters	Projection System	DLP® Chip x 1/DLP Projection System
	Chip Size	0.65"DMD
	Resolution	1,920x1,200 compatible 4K
	Center brightness	6800lm
	Standard brightness	6500lm
	Uniformity	90%
	Contrast	6,000,000:1
	Picture scale	16:9 compatible with 16:10/4:3
Light Source	Type	NICHIA Laser
	Lifetime	20,000(Standard Mode)
Lenses	Image Shift	/
	Operation Mode	/
Image Calibration		/
Color Calibration		HSG Color Management System
3D		Active 3D
Installation		Horizontal/Vertical 720°Installation
Speaker		16Wx1
Input		VGA INx1, HDMI x2, Audio x1 (3.5mm mini)
Output		USB-A x1 (DC-5V/1.5A) Audio x1 (3.5mm mini)
Power Supply		100-240V AC±10%, 50/60Hz
Power Consumption		325W±15%
Size		420mm (W) x 295mm (D) x 121mm (H) (excluding feet)
Net Weight		Approximately 5.7kg
Noise		35dB(Standard)/32dB(Eco)
Working Environment	Altitude	0 m - 2500 m (Use the high-altitude mode in areas above 1500 m)
	Temperature	0-40°C
	Humidity	20%-80%, no condensation

BUY IT WITH

Upgrade your solution with:

Avocor projector



3 year warranty



Lens is cleanable

Details are subject to change without notice. All other logos and trademarks acknowledged.

