



DU7090Z

LARGE VENUE — 6000 ANSI LUMEN NEAR-SILENT LASER PROJECTOR THAT OFFERS COMPLETE CONNECTIVITY & VALUE

FEATURES

- Advanced V-Color, dual-phosphor, laser light engine provides a superior brightness and color uniformity to create the most immersive, big-screen images possible today
- Quietest laser projector in its class at 33dB — in full power mode
- Lamp-less design delivers up to 20,000 hours of operational time, in full power mode, with a 20,000 hour warranty
- 6,000 ANSI lumens and a 15,000:1 contrast ratio

LENS CHART

Model	LNS-5FX2	LNS-5STZ	LNS-5SZ12	LNS-5LZ23	LNS-5LZ2
Part Number	5811120818-SVV	5811120054-SVV	5811120865-SVV	5811119237-SVV	5811120055-SVV
Lens Description	Wide Fixed (On Axis)	Short Zoom Lens	Standard Zoom Lens	Long Zoom Lens	Super Long Zoom
Throw Ratio	0.78:1	1.1-1.3:1	1.54-1.93:1	1.93-2.9:1	3.0-5:1
Image Size Diagonal	48" to 298" (1.22 to 7.57m)	36" to 380" (0.91 to 9.65m)	36" to 300" (0.91 to 7.6m)	32" to 481" (0.81 to 11.9m)	28" to 310" (0.71 to 7.9m)
Projection Distance	31.5" to 197" (0.8 to 5m)	39" to 354" (1.0 to 9m)	59" to 392" (1.5 to 9.95m)	78" to 787" (2.0 to 20m)	118" to 787" (3.0 to 20m)

Optimal image sizes and throw distances shown.

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With impressively vivid colors and a high brightness of 6,000 ANSI lumens, the DU7090Z offers the next generation of advanced projection technology — laser. Built lamp-free, it provides a low cost of ownership, with minimal maintenance, and gives a stable, high-quality projection for up to 20,000 hours. The DU7090Z offers an immersive big-screen experience with an unbeatable return on investment.



SPECIFICATIONS

Display Type	Single Chip 0.67" DLP Technology by TI
Brightness	6,000 ANSI Lumens, ISO21118
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200) at 60 Hz
Contrast Ratio	15,000:1
Lamp Life and Type	Up to 20,000 Hours, Laser Phosphor Light Engine
Image Size (Diagonal)*	Up to 500" Diagonal (Lens Dependent)
Aspect Ratio	16:10 (4:3, 16:9, 2.35:1 Switchable)
Lens	Manual Focus / Zoom and Lens Shift
Keystone Correction	Vertical $\pm 25^\circ$, Horizontal $\pm 30^\circ$
Horizontal Frequency	15, 31 -91.4 KHz
Vertical Scan Rate	24-30 Hz, 47-120 Hz
3D	Yes with DLP® Link™, HDMI 1.4 (Blu-ray 3D)
Operating Temp.	0-40°, 10-90% RH Non-Condensing
Lens Shift Range*	Vertical: -15% + 55%, Horizontal: -5% +5%
Computer Compatibility	VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA at 60 Hz, Mac
Video Compatibility	SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L)
I/O Connection Ports	HDMI v1.4b, MHL/HDMI 1.4b, DVI-D, Component (5 BNC) (RGBHV), 3D- Sync-In, VGA-In, Audio-In RCA (L/R), Audio-In (Mini-Jack), VGA-Out, Audio-Out RCA (L/R), 3D Sync-Out, USB Type A Power (5V/2.0A), RJ45, 12V Trigge r, RS-232-In, RS-232-Out, Wired Remote-In, Wired Remote-Out, HDBaseT™/LAN (Shared), USB (Service)
Projection Orientation	360° Orientation
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock
Dimensions (WxDxH)	517 x 470 x 202 mm (20.3" x 18.5" x 7.9")
Weight	24 kg (52.9 lbs)
Available Color	Black (DU7090Z-BK), White (DU7090Z-WH)
Noise Level	33 dB / 30 dB (Normal / Economy Mode)
Power Supply; Power Cons.	AC 100-240V, 50/60 Hz; AC 100-240 V, 50/60 Hz
Instant on/off	Yes
Standard Accessories	AC Power Cord, VGA Cable, Lens Cap (TBD), Remote Control w/ Batteries, Filter, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x5)
Warranty	5-Year Parts & Labor or 20,000 Hours (Whichever Comes First) and 3-Year Advanced Exchange Warranty
Orthogonality Adjustment	Yes, Four Corner

LAN CONTROL COMPATIBILITY

LAN Control — Cestron Roomview, Connected	LAN Control — PJ Link Compatible
LAN Control — Crestron eControl	LAN Control — AMX SSDP
LAN Control — Extron	LAN Control to RS232 (RS232 by Telnet)



*Note: Using Regular Lens

