



**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-5SZ1	LNS-5LZ1	LNS-5LZ2
Part Number	5811120818-SVV	5811120054-SVV	5811120865-SVV	5811119237-SVV	5811120055-SVV
Lens Description	Wide Fixed, On Axis	Short Zoom Lens	Regular Zoom Lens	Long Zoom Lens 1	Long Zoom Lens 2
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	25" to 200" (0.64 to 5.1m)	30" to 300" (0.76 to 7.6m)	30" to 300" (0.76 to 7.6m)	30" to 500" (0.76 to 12.7m)	35" to 400" (0.9 to 10m)
Projection Distance	20" to 118" (0.5 to 3m)	39" to 354" (1.0 to 9m)	58" to 276" (1.5 to 7m)	78" to 787" (2 to 20m)	118" to 787" (3 to 20m)

# DU7090Z

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

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

## LAN CONTROL COMPATIBILITY

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

\*Note: Using Regular Lens

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