



LARGE VENUE
PROJECTOR

DU9000

Affordable without compromise, Super Bright Large Venue projector with built-in edge blending and optional stacking capability.

Features

- Native WUXGA resolution to match today's display requirements
- Super bright 12,000 ANSI Center Screen Peak Lumens, 10,600 ANSI Lumens ISO 21118 with a crisp 5,000:1 (with DB On). Stacking brightness to 24,000L peak
- Dual-lamp engine design for redundancy and brightness picture, limits down-time
- Centered lens design with four (4) interchangeable bayonet lens options
- Built-in hardware for edge blending and warping functionality (3D supported in blending)
- Powered zoom, focus and lens shift features for easy adjustment and positioning flexibility
- Connectivity inputs and outputs including: HDMI v1.4a, Component, RGB-In, 12V Trigger, 3D Sync-Out, 3GHD-SDI-In/Out, RS-232, RJ45/HDBaseT
- HDBaseT interface with support for distribution of HD video and digital audio content over standard CAT5e/6 LAN cable
- 3D compatibility with DLP® Link™ and HDMI 1.4 technology support (Blu-ray, and Broadcast 3D) for dazzling and realistic life-like images
- 3D sync port for compatibility with IR (R/F Infrared) 3D passive synchronization protocol
- Motorized lens shift (vertical/horizontal) and power zoom/focus
- Interchangeable Color Enhancement color wheel (not included) is also used for ultimate blending performance
- Rear cover design for quick and easy lamp replacement



Lenses sold separately.

Specifications	
Brightness	12,000 Center Screen Peak Lumens, 10,600 ANSI Lumens ISO21118
Native Resolution	WUXGA (1920 x 1200)
Max. Resolution	WUXGA (1920 x 1200)
Contrast Ratio	5000:1 (with DB on)
Lamp Life and Type	2000/1500 Hours (Eco/Normal), 450W Dual Lamp
Lamp Part No	3797818200-SVK
Display Type	Single 0.96" DMD DLP® Technology by Texas Instruments
Aspect Ratio	16:10 Native, 4:3 and 16:9 Compatible
Keystone Correction	Vertical: ±30, Horizontal: ±20
Color Spectrum	1.07 Billion
Horizontal Scan Rate	15 to 108 KHz
Vertical Scan Rate	48 to 120Hz
Edge Blending	Yes (Built-In)
Warping	Yes (Built-In)
3D Compatibility	Yes (DLP® Link™, HDMI 1.4 (Blu-ray, side by side, frame packing, top and bottom))
Lens Shift Range*	Vertical: ±75~100%, Horizontal: ±25~30%
Projection Method	Table Top or Ceiling Mount (Front or Rear)
Uniformity	85%
Computer Compatibility	WUXGA, 1080p, UXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized; VESA Standards; PC and Macintosh Compatible
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p), 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 v1.4a (x2), Component (YPbPr) RCA, Component (YPbPr) BNC, VGA-In, 12V Trigger (x2), 3D Sync-Out, 3G-HDS-SDI-In/Out, RS-232, USB (Service), Wired Remote, HDBaseT/LAN
Dimensions (W x D x H)	24.8" x 19.7" x 10.9" (630 x 500 x 250mm)
Weight (without lens)	66.14lbs (30 kg)
Noise Level (Eco/Normal)	Dual Lamp: 44dB/47dB
Power	Supply: AC Input 100 - 240V, 50/60Hz
Power Consumption	Dual Lamp: 1200W (Normal Mode), 910W (Eco. Mode), <2W (Standby Mode)
Operating Temperature	41 to 104°F (5 to 40°C), 90% Max Humidity
Warranty	5-Year Limited Parts/Labor, 1-Year Lamp
Standard Accessories*	AC Power Cord (), Remote Control, Batteries for Remote, User's Manual (CD), Warranty Card.
Optional Accessories	Replacement Lamp, Color Wheel, Interchangeable Lens Options (x4)
UPC	813097020017

Lens Part No.	3797805500-SVK	3797805300-SVK	3797805200-SVK	3797745000-SVK
Lens Description	Ultra Short Zoom Lens (D98-0810)	Short Zoom Lens (D98-1518)	Standard Zoom Lens (D88-1824)	Long Zoom Lens (D98-2440)
Throw Ratio (±3%)	0.84 to 1.03:1	1.56 to 1.86:1	1.85 to 2.40:1	2.40 to 4.0:1
Image Size (Diagonal)	50" to 230" (1.27 to 5.84m)	50" to 230" (1.27 to 5.84m)	50" to 230" (1.27 to 5.84m)	50" to 230" (1.27 to 5.84m)
Projection Distance	2.98' to 16.78' (0.84 to 5.11m)	5.53' to 30.3' (1.69 to 9.24m)	6.55' to 39.1' (2.0 to 11.92m)	8.5' to 65.17' (2.59 to 19.86m)
Projection Lens	F=1.8 - 1.95:1 f=17.95 - 21.93mm	F=2.55 - 2.76, f=33.15 - 39.81mm	F=2.17 - 2.46, f=39 - 50.7mm	F=2.1 - 2.7, f=50.4 - 80.4mm
Zoom Ratio	1.22:1	1.19:1, Power Zoom/Focus	1.3:1, Power Zoom/Focus	1.675:1, Power Zoom/Focus
Lens Shift Range (Motorized)	Vertical: -75% to +75% Horizontal: ±25%	Vertical: -100% to +100% Horizontal: ±30%	Vertical: -100% to +100% Horizontal: ±30%	Vertical: -100% to +100% Horizontal: ±30%

*Note: LENS SHIFT CALCULATION: (SCREEN HEIGHT OR SCREEN WIDTH)/2 (LENS SHIFT PERCENTAGE)

