



DU9800Z

Large Venue Laser

SSL laser projector delivering
18,000 lumens, rich
connectivity, edge-blending,
and maintenance-free
operating time



Features

- Bright 18,000 ANSI lumens with a native WUXGA (1920 x 1200) resolution for impeccable colors and outstanding details
- DLP® DarkChip3™ and BrilliantColor™ technologies for optimal black levels and vibrant, colorful images
- Solid-state, laser-phosphor light source for reliable projection and performance
- Environmentally friendly lamp-less design that is mercury-free and energy efficient
- Almost maintenance-free with up to 20,000 hours of operating time
- Advanced video processor for fluid video streaming and 10-bit programmable RGB color adjustments
- Laser light source produces rich colors for an incredible cinematic experience
- Fine tune and optimize an image with advanced calibrations, including gamma and color management settings
- Built-in hardware edge blending and warping functionality
- Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
- Picture-in-Picture (PIP) for simultaneous image projection from two active sources
- Full suite of display connectivity inputs and outputs including: HDMI v1.4, DVI-D, Component (5 BNC) , VGA-In, 3G-SDI-In/Out, VGA-Out, HDBase™
- HDBase™ interface with support for distribution of digital video content over standard CAT5e/6 LAN cable
- Portrait mode projection allows the projector to be easily setup and installed in a 90° installation
- 360° operation and projection design for set up in all angles
- Instantaneous power-on & off, so no need for system pre-heating and postcooling
- Airtight sealed engine and filter-less design for improved performance against dust and fibers
- Frame sequential and dual channel 3D supported
- Complete range of motorized interchangeable lens in sizes from 0:84 to 7:01 (optional)
- Optimized system layout with high efficiency cooling system
- Heavy duty steel chassis for extra strength and integrity
- 24/7 continuous operation with no downtime
- Network ready for integration and system administration via RJ45



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DU9800Z



SPECIFICATION

Display Type	Single Chip 0.96" DLP Technology by TI
Brightness	18,000 ANSI Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200) @ 60Hz
Contrast Ratio	1,250:1 or 10,000:1 (with DB On)
Laser Life/Type	Up to 20,000 hours (Laser Phosphor Light Engine)
Throw Ratio*	1.85 - 2.41:1
Image Size (Diagonal)*	49" - 224"
Projection Distance*	8' - 29.5' (2.5 - 9 m)
Projection Lens*	F = 2.17 - 2.46
Zoom Ratio*	1.33x
Aspect Ratio	16:10
Offset	Motorized Lens Shift
Keystone Correction	Horizontal ±60°, Vertical ±40°
Horizontal Frequency	15, 30 - 90Hz
Vertical Scan Rate	50 - 85Hz
Edge Blending	Yes (Built-In)
Warping	Yes (Built-In)
3D Functionality	Yes
Lens Shift Range*	Vertical: ±50%, Horizontal: ±15%
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA@60hz

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 v1.4 (x2), DVI-D, Component (5 BNC), 3G-SDI In/Out, VGA-In, DisplayPort v1.2, RS-232, VGA-Out, 3D-Sync In/Out, 12V Trigger 1, 12V Trigger 2, Wired Remote, HDBaseT™, RJ45

Projection Method

Table Top, Ceiling Mount (Front or Rear)

Dimensions (WxDxH)

26.8" x 20.8" x 9.7" (681 x 530 x 248mm)

Weight Estimated 105.8lbs (48kg)

Available Colors Black (DU9800Z-BK)

Noise Level 43dB (Normal Mode)

Power Supply AC 100-240V, 50/60Hz

Power Consumption

1,900W (Normal Mode), 1,100W (Eco. Mode), <TBDW (Network Standby), <0.5W (Eco. Mode)

Operation Conditions

At Temperature 32°F to 104°F, Relative Humidity 10% to 85%, Non-Condensation

Storage Conditions

At Temperature 14°F to 140°F, Relative Humidity 5% to 95%, Non-Condensation

Standard Accessories

AC Power Cord, Remote Control w/Batteries, Lens Cap, Documentation Kit

Optional Accessories

Interchangeable Lens Options (x5)

Lens Type	Ultra-Wide Angle	Short Throw	Standard	Long Throw	Ultra-Long Throw
Model	D98-0810	D98-1215	D98-1520	D98-2040	D98-4070
Focus / Zoom Type	Motorized	Motorized	Motorized	Motorized	Motorized
Zoom	1.22x	1.3x	1.33x	2.0x	1.75x
F Number	1.85 - 1.95	2.18 - 2.66	2.17 - 2.65	2.17 - 2.64	2.2 - 2.57
Focal Length (f)	17.95 - 21.93 mm	25.69 - 33.22 mm	31.9 - 42.2 mm	42.6 - 84.8 mm	83.93 - 146.85 mm
Throw Ratio	0.84 - 1.03:1	1.2 - 1.56:1	1.5 - 2.0:1	2.0 - 4.0:1	4.0 - 7.0:1
Image Size	40" - 500"	40" - 500"	40" - 500"	40" - 500"	40" - 500"
Projection Distance	2.3' - 37.5' (0.7 - 11.44 m)	3.1' - 57.3' (0.95 - 17.47 m)	4.1' - 71.7' (1.24 - 21.84 m)	8.7' - 137' (2.65 - 41.77 m)	14.4' - 244' (4.38 - 74.51 m)
Order Number	3797805500-SVK	3797859900-SVK	3797886100-SVK	3797893200-SVK	3797858100-SVK
UPC Code	813097020062	813097022295	813097023780	813097023780	813097022288

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*Note: Standard Lens

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