

Series D300 Projectors

JVC Digital IMAGE Technology Center

When your message demands a dazzling presentation, nothing surpasses the image quality of Series D300 three-lens projectors. Legendary JVC brightness. Razor-sharp resolution. Colors that sizzle. Spectacular images that don't just jump off the screen, they pull the audience right into the action!

Compare Series D300 performance spec for spec against any other large screen projectors. Examine critical factors like picture stability, lamp life, upgradeability and operating costs. Consider what the specifications don't show, like the most responsive customer service and applications support team in the business. Finally, turn the lights up (not down) and behold the image on the screen. You'll understand why, in large screen display, seeing truly is believing.

As versatile as they are powerful, Series D300 projectors are ideal for video, HDTV, data and high resolution graphics. Models D330, D340SC and D370SC are the perfect choice for large, challenging venues like stadiums, arenas, theme parks, outdoor advertising, electronic cinema, concerts, and special events. For applications requiring only video and data capabilities, the Model D360 combines an incredible picture with outstanding value. All models provide the uncompromising image quality for which JVC is world renowned.

Proprietary ILA[®] Technology

JVC offers the only projectors that incorporate the Image Light Amplifier (ILA[®]) device. This liquid crystal light valve, coupled to the CRT with a highly refined optics system, delivers an unparalleled combination of brightness, color, contrast, bandwidth and resolution. Performing far beyond the limitations of conventional fixed matrix projectors, ILA[®] projectors deliver the lifelike image that others only promise.

Industry Leading Performance

With light output of 3000 to 7500 lumens and contrast ratios up to 1200:1, Series D300 projectors pack a visual wallop in even the most brightly lit environments. The highest bandwidth in the industry, up to a full 150 MHz, means the screen is bursting with detail. New Graphics Enhancement Circuitry ensures outstanding text and graphics reproduction. And compatibility with sources up to 90 kHz frequency and 2500x1340 resolution means you've got the headroom to display images from virtually any current or future source.

High Resolution, Non-Pixelized Display

Conventional projectors rely on a fixed pixel matrix, creating pixelized images and requiring the up-or down-conversion of source material not at the native resolution of the panel. JVC Series D300 projectors display images up to 2000x1280 without down-converting. That means more detail on the screen with no artifacts, dead pixels or pixel mapping errors.

Xenon Arc Lamp

JVC's Xenon Arc Lamp, the same light source used in motion picture projectors, produces pure, white illumination to ensure color accuracy and saturation. This Xenon lamp is also much more stable over time than other light sources, helping to maintain a highly stable color temperature. The long lamp life, up to 2500 hours, provides not only high image quality but also operating costs up to 75% lower than competing technologies.

Streamlined Setup

All Series D300 projectors are Preset at the factory for the most common source signals. Combined with new EZ Setup Software, this means you'll always enjoy a quicker, easier setup.

Variable Mounting Positions

Flexible mounting capabilities allow a wider range of applications. Every Series D300 projector may be either ceiling or floor mounted, front or rear projection. And, an optional Extended Keystone range allows mounting up to 22 degrees off-axis.

Lenses

A huge range of lens sets, from 0.885:1 wide angle to ultra-long throw 10:1 focal lengths, gives you the flexibility to position the projector wherever you want...even up to 360 feet from the screen! Custom lenses are also available. Developed by the world's most renowned optical manufacturers, all JVC lenses provide sharp, ghost-free images with consistently high levels of light transmission.

Special Applications

Series D300 projectors excel at a number of specialized applications impossible with fixed matrix displays. Their ability to reshape the raster makes them an outstanding choice for curved screen applications like simulators and domed theaters. Edge Blending capabilities allow seamless panoramas, even full 360 degree theater in the round. Special Fast response ILAs and Fast retrace CRTs are available for display of high speed motion. And Color Matched Optics are an ideal option for side-by-side projector applications. With the power and flexibility of JVC technology, the possibilities are endless.

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NORTH AMERICAN SPECIFICATIONS

	D330/D330SC	D340SC	D360/D360SC	D370SC
Brightness	3000 Center Full White/ 2500 ANSI Lumens	5000 Center Full White/ 3700 ANSI Lumens	6000 Center Full White/ 5200 ANSI Lumens	7500 Center Full White/ 6000 ANSI Lumens
Contrast	300:1 (1200:1 with SC model)	1200:1	380:1 (1200:1 with SC model)	1200:1
RGB Bandwidth	150 MHz at -3dB		100 MHz at -3dB	150 MHz at -3dB
Horizontal Frequency	15-90 kHz		15-65 kHz	15-90 kHz
Vertical Frequency	45-120 Hz			
Aspect Ratio	4:3-16:9 (variable)			
Blanking	H:<2.3μsec, V:<500 μsec			
Source Compatibility (HxV)	2500 x 1340		2500 x 1080	2500 x 1340
Resolution (HxV)	2000 x 1280		1920 x 1080	2000 x 1280
Video Resolution	1440 TVL at 4:3 aspect ratio			
Color	SMPTE 240M			
Convergence	Digital with 30 memories/channels			
Light Modulator	3 Proprietary Image	Light Amplifiers	(100% solid state liquid crystal light valve)	
Power	220 VAC, 20 A, 50/60Hz 2700 Watts, 9208 BTUs	220 VAC, 20 A, 50/60Hz 3325 Watts, 11,338 BTUs	220 VAC, 30 A, 50/60Hz, 4550 Watts, 15,525 BTUs	
Light Source	1500 Watt Xenon Arc Lamp	2000 Watt Xenon Arc Lamp	3000 Watt Xenon Arc Lamp	
Lamp Life (typical)	1800 hours until 85% brightness	2500 hours until 85% brightness	1000 hours until 85% brightness	
Lens Options	Fixed 0.885:1, 2177:1		1.5:1, 3:1, 5:1, 7:1, 10:1	
Throw Distance	6'-360' (1.8m - 110m)			
Screen Size (width)	4' - 118' (1.2m - 36m)		Optical Capability	
Keystone	±2° (H), ± 15° (V) Standard		± 15° (H), ± 30° (V) with Extended Range Option	
Inputs	2 x RGBHV (Additional inputs Serial 4:2:2, Composite, Y/C	available with the optional and Component, each for	Ultra Digital Processor/Decoder NTSC, PAL and SECAM)	
Communications Ports	1 RS-232 port for PC or remote, 1 RS-232 for Switcher control			
Size (HxWxL)	20.6" x 27.5" x 53.4" (52.3cm x 69.9cm x 135.6cm)		20.6" x 33.5" x 53.4" (52.3cm x 85.1cm x 135cm)	
Weight	360 lbs. (163 kg)	369 lb. (168 kg)		
Operation Temperature	50° - 104°F (10° - 40°C)			
Accessories Included	User's Guide, 1 Projection Lens and Cable, Data Setup	Set (1.5:1, 3:1, or 5:1), Auto Restoration Disk, AC Power	Setup Tool (D370SC only), Cord	Technicians IR Remote
Optional Accessories	Optional Accessories: Ultra Digital Processor/Decoder, Auto Setup Tool, Extended Geometry Board, High	Speed Option (Fast CRTs/Fast ILAs), Color Matching, Service Backlit IR Remote,	Executive Backlit IR Remote, 150' Cable for Remotes, Tethered Termaflex Service	Remote, Service Manual, plus Lenses (options above), shipping case.