

Life's Good



GOOD DESIGN



2005

Super Silent DLP Projector

# RD-JT91 Premium

LG's Integrated cooling and noise control design (ICND) technology enables powerful presentation. Robust and luxurious magnesium alloy case of JT91 Premium will upgrade your office environment.

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# Super Silent DLP Projector RD-JT91 Premium



## SPECIFICATION

**Feature**  
 Pure color reproduction  
 Robust magnesium alloy cabinet  
 GD Award Winner 2004  
 CES 2005 Innovation Awards Winner  
 Sliding type lens cap  
 Hidden side connection



GD DESIGN



**Performance** 0.55" DMD (DDP2000), SVGA (800 x 600)  
 2.9 Kg  
 1800 ANSI ( Upgrade Brightness)  
 Contrast Ratio 2000 : 1  
 Extremely Low Noise <25 dB  
 DVI-D, S-Video, USB, RGB, Component etc.



DVI

Model		RD-JT91 Premium
<b>Resolution</b>	Native	800 x 600 (SVGA)
<b>Brightness ANSI lumens</b>	Normal	1800 ANSI
	Silent	1300 ANSI
<b>Contrast</b>	Full On / Off	2000 : 1
<b>Weight (kg)</b>		2.9 kg
<b>Dimension (H x W x D, mm)</b>		289 x 210 x 89 mm
<b>Uniformity (%)</b>		85%
<b>Throw dist (meter)</b>		1.1 ~ 13.0 meter
<b>Image size (inches)</b>		30" ~ 300"
<b>Lens</b>	Focal length Zoom	23 ~ 27.6 mm Manual (1.2X)
<b>Digital keystone correction</b>		Vertical ± 15°
<b>Compatibility</b>	HDTV EDTV / 480p SDTV / 480i Component Video Composite S-Video DVI-D PC Input (D-sub 15 pin) PC Sound In USB Port RS-232C Control etc.	1080i, 720P 576P, 480P 576i, 480i Yes (FCA to D-Sub Cable) Yes Yes DVI with HDCP Yes Yes Yes (Service use) No NTSC, NTSC4.44, PAL, PAL-M, PAL-N, SECAM
<b>Lamp</b>	Type Life (Normal / Silent mode)	NSH 200W 2,000 / 3,000 hours
<b>Display</b>	Type Maximum Aspect ratio	0.55" DMD SXGA 4 : 3 & 16 : 9
<b>Speakers</b>	Audio output	1W Mono
<b>Power consumption</b>		280W
<b>Voltage</b>		AC100-240 V, 50Hz / 60Hz
<b>FCC class</b>		A
<b>Noise</b>		<25 dB
<b>Optional accessory</b>	Carry bag Ceiling mount Lamp	Yes Yes Yes

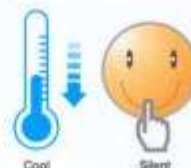
## USP

### ICDN

#### (Integrated Cooling & Noise Control Design)

LG developed innovative Active Control Algorithm that realize the optimized cooling and noise condition by detecting altitude and environment with the minimum of 2 sensors.

It controls cooling of projector in total 48 types of different environment and LG holds 3 patent with this technology.



### Decentered Optical Design

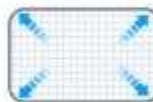
Enhanced brightness and uniformity with the shifted optical axis.

Illuminating Optical System with Shifted Optical Axis



Pattern of Illumination with Shifted Optical Axis

High Uniformity



High Brightness



Pattern of Illumination with Tilted Optical Axis

### User Friendly Color Adjustment

Users can control the color temperature satisfying their own tastes for vivid image.



### User Friendly Gamma Control

Users can control the gamma level to optimize the picture quality to their tastes. Low light is perfect for film and high light for sports and games using 12 bit gamma adjustment.



### Motion Adaptive De-interlacer

displays upto 1080i and LG's own Automatic Horizontal Moving Picture Compensation (AHMPC) provides the most active image.

### Adaptive Dynamic Contrast Control System (ADCCS)

analyzes pictures and optimizes the contrast and sharpness of image onto the screen.

