

JVC[®]
PROFESSIONAL

NEW PRODUCT NEWS
DLA-G150HT
D-ILA[®] PROJECTOR

Preliminary



D-ILA[®]



The perfect choice for the upscale home theater, the DLA-G150HT projects dazzling images with smooth, natural colors and vivid details.

Outstanding film-like picture reproduction

- An extra-high contrast ratio of 600:1 ensures that images are sharp and crisp with enhanced depth and superior clarity.
- With gray scale color tracking set at professional-standard "NTSC D6500", this projector accurately reproduces video, television, and DVD images — even dark scenes are reproduced with subtle gradation differences and minimal noise.
- A built-in de-interlacer cleans up interlaced TV artifacts to improve perceived vertical resolution of TV signals and make them smoother, eliminating annoying raster lines.
- Xenon lamp provides a more natural light, enabling vivid, true-to-life color reproduction.
- High-definition images with true SXGA resolution.
- D-ILA[®] 1365 x 1024 resolution provides superior performance without sacrificing resolution when viewing either 16:9 or native 4:3 sources.
- High brightness of 1000 ANSI lumens ensures a brighter, clearer picture.

Flexible setup for easy installation in a wide range of viewing environments

- Installation flexibility with zoom lens and digital keystone correction function.
- Can be placed on a table or suspended from the ceiling.
- Front and rear projection capability.
- Screen aspect ratio can be switched between 16:9 and 4:3 with one-touch operation.
- Can be connected directly to various source devices including a personal computer, DVD, VCR and HDTV equipment.
- Low-noise design with reduced fan noise.
- Easy-to-use wireless remote control.
- "Class B" classification approved for home use.



Digital TV input capability

- To ensure compatibility with U.S. ATSC DTV signals, the DLA-G150HT is designed to accept 480i, 480p, 720p, 1080i and 1080/24psf formats.

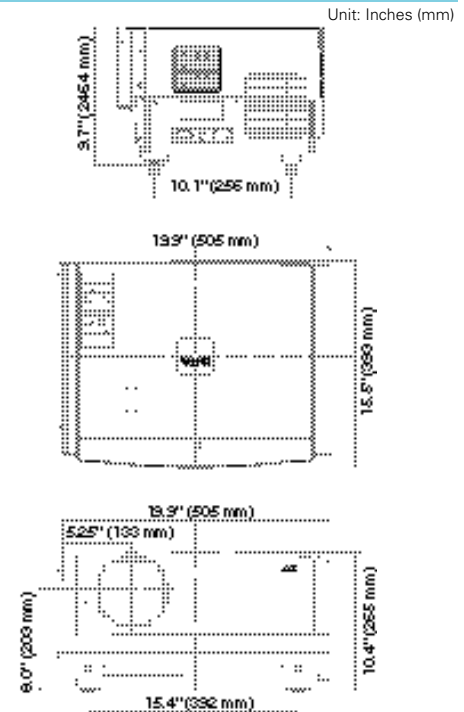
Major Specifications

Image Device	3D-ILA® (0.9 inches diagonal)
Projection Lens	2:1- 3:1 (Throw distance : Screen width), Powered Zoom, 50% off-axis
Brightness	1000 ANSI lumens
Native Resolution	1.4 M pixels (1,365 x 1,024 pixels)
Sources	
Computer	VGA, SVGA, XGA, SXGA, UXGA, MAC, SUN, SGI, etc.
Video	PAL, SECAM, NTSC/NTSC 4.43
DTV (Digital TV)	480i, 480p, 720p, 1080i, 1080/24psf
Uniformity	More than 85%
Scan Frequency	
Horizontal	15 kHz – 105 kHz
Vertical	50 Hz – 100 Hz
Contrast Ratio	600:1
Color Reproduction	16.7 million colors
Data Cloc:	160 MHz
Screen Width	
4:3 Aspect Ratio Screen	
Wide	5.35 ft – 34.74 ft (1.63 m – 10.59 m)
Tele	2.79 ft – 20.01 ft (0.85 m – 6.10 m)
16:9 Aspect Ratio Screen	
Wide	4.36 ft – 34.11 ft (1.33 m – 10.40 m)
Tele	2.90 ft – 21.78 ft (0.89 m – 6.64 m)
Throw Distance	
4:3 Aspect Ratio	8.22 ft – 65.48 ft (2.51 m – 19.97 m)
16:9 Aspect Ratio	8.52 ft – 64.33 ft (2.60 m – 19.62 m)
Lamp	420 watts, Xenon
Inputs	
1 RGBHV (BNC)	Computer and DTV
1 Component (Y, Pr, Pb)	Video and DTV (1 RGBHV and 1 Component inputs use a common connector.)
1 RGB (D-sub 15-pin VGA)	Computer
1 Composite	
1 S-Video	
Input Power	100 – 120 V AC, 50/60 Hz
Power Consumption	620 W
Dimensions (W x H x D)	19.9" x 10.4" x 15.5" (505 x 265 x 393 mm) with lens travel
Weight	34 lbs. (15.4 kg) including fixed zoom lens
Provided Accessories	AC cable, Wireless (infrared) remote control, PC connection cable (D-sub 15-pin male-D-sub 15-pin male), Adapter for Macintosh, AV cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2

Connectors



Dimensions



DLA-G150HT Throw Distance vs. Screen Width (Offset projection angle: 50%)

● 4:3 Aspect Ratio Screen

Screen Width	ft	2.79	4.00	5.35	6.66	8.00	10.00	13.32	20.01	26.67	33.32	34.74
	m	0.85	1.22	1.63	2.03	2.44	3.05	4.06	6.10	8.13	10.16	10.59
Throw Distance at Wide Angle	ft	-	-	10.33	12.82	15.13	19.08	25.31	37.84	50.33	62.85	65.48
	m	-	-	3.15	3.91	4.67	5.82	7.72	11.54	15.35	19.17	19.97
Throw Distance at Tele Zoom	ft	8.22	11.64	15.40	19.21	23.00	28.69	38.13	57.05	-	-	-
	m	2.51	3.55	4.70	5.86	7.01	8.75	11.63	17.40	-	-	-

● 16:9 Aspect Ratio Screen

Screen Width	ft	2.90	4.36	5.81	7.26	8.71	10.89	13.07	14.52	21.78	29.03	34.11
	m	0.89	1.33	1.77	2.21	2.66	3.32	3.98	4.43	6.64	8.86	10.40
Throw Distance at Wide Angle	ft	-	8.49	11.21	13.93	16.66	20.75	24.82	27.57	41.18	54.82	64.33
	m	-	2.59	3.42	4.25	5.08	6.33	7.57	8.41	12.56	16.72	19.62
Throw Distance at Tele Zoom	ft	8.52	12.65	16.78	20.88	25.01	31.21	37.37	41.50	62.13	-	-
	m	2.60	3.86	5.12	6.37	7.63	9.52	11.40	12.66	18.95	-	-

D-ILA is a registered trademark of Victor Company of Japan, Limited.

Design and specifications subject to change without notice.



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