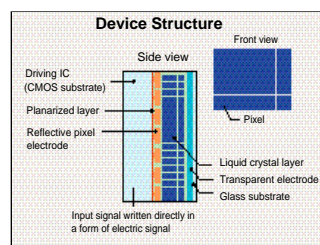
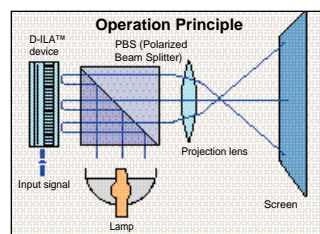


IMAGE OF PERFECTION WITH D-ILA DIGITAL GRAPHICS/VIDEO PROJECTORS FROM JVC



D-ILA™ Structure

The D-ILA™ device is a reflective type of LCD that delivers a higher aperture ratio (more than 93%) than a transmissive LCD panel, and is comprised of groups of pixels which correspond to each image dot. Also unlike conventional transmissive LCD panels (in which the driving transistor is mounted on the same surface as the pixels), the D-ILA™'s driving IC substrate is located behind the liquid crystal layer. As a result, the D-ILA™ device can achieve higher brightness and higher resolution at the same time. In addition, thanks to the vertical alignment ("homeotropic" structure) of the liquid crystal layer, projected images also have much higher contrast.



D-ILA™ Operation

The light from the xenon lamp travels through a polarized beam splitter (PBS), which is reflected off the D-ILA™ device, then passed through the projection lens and onto the screen.

DLA-M4000 Throw Distance vs. Screen Width

With GL-M4015S 1.5:1 Fixed lens
Recommended screen size: 70" - 200" (4:3 aspect ratio)

Screen Size (Diagonally)	(inches)	65	100	150	200	250
(m)	(ft)	1.32 4.33	2.03 6.66	3.05 10.00	4.06 13.32	5.08 16.66
Throw Distance	(m)	1.97	3.08	4.66	6.24	7.83
	(ft)	6.46	10.10	15.29	20.47	25.69

With GL-M4023SZ 2.3x (3:1 - 7:1) Zoom lens
Recommended screen size: 60" - 300" (4:3 aspect ratio)

Screen Size (Diagonally)	(inches)	80	160	200	300	600
(m)	(ft)	1.63 5.33	3.25 10.66	4.06 13.32	6.10 20.01	12.20 40.02
Throw Tele Distance	(m)	11.50	22.87	25.72	42.79	—
	(ft)	37.73	75.03	84.38	140.39	—
Wide Distance	(m)	5.06	10.00	12.47	18.65	37.19
	(ft)	16.60	32.81	40.91	61.19	122.01

DLA-G20 Throw Distance vs. Screen Width

With GL-M4010G 1:1 Fixed lens
Recommended screen size: 85" - 150" (4:3 aspect ratio)

Screen Size (Diagonally)	(inches)	80	100	120	150	200
(m)	(ft)	1.63 5.33	2.03 6.66	2.44 8.00	3.05 10.00	4.06 13.32
Throw Distance	(m)	1.54	1.95	2.37	2.99	4.03
	(ft)	5.05	6.40	7.77	9.81	13.22

DLA-G20 Throw Distance vs. Screen Width

Screen Size (Diagonally)	(inches)	70	100	150	200	300
(m)	(ft)	1.42 4.66	2.03 6.66	3.05 10.00	4.06 13.32	6.10 20.01
Throw Tele Distance	(m)	4.13	5.86	8.75	11.63	17.40
	(ft)	13.55	19.22	28.70	38.15	57.07
Wide Distance	(m)	2.77	3.91	5.82	7.72	11.54
	(ft)	9.09	12.82	19.09	25.32	37.85

DLA-G15/G11 Throw Distance vs. Screen Width

Screen Size (Diagonally)	(inches)	70	100	120	150	200
(m)	(ft)	1.42 4.66	2.03 6.66	2.44 8.00	3.05 10.00	4.06 13.32
Throw Tele Distance	(m)	4.13	5.86	7.01	8.75	11.63
	(ft)	13.55	19.22	22.99	28.70	38.15
Wide Distance	(m)	2.77	3.91	4.57	5.82	7.72
	(ft)	9.09	12.82	14.99	19.09	25.32

DLA-S15 Throw Distance vs. Screen Width

Screen Size (Diagonally)	(inches)	40	80	100	120	200
(m)	(ft)	0.81 2.66	1.63 5.33	2.03 6.66	2.44 8.00	4.06 13.32
Throw Distance	(m)	0.76	1.56	1.97	2.37	3.98
	(ft)	2.49	5.12	6.46	7.76	13.06

DLA-M15 Throw Distance vs. Screen Width

Screen Size (Diagonally)	(inches)	60	80	100	120	150
(m)	(ft)	1.22 4.00	1.63 5.33	2.03 6.66	2.44 8.00	3.05 10.00
Throw Distance	(m)	1.76	2.37	2.98	3.59	4.50
	(ft)	5.77	7.77	9.77	11.76	14.76

D-ILA™ PROJECTORS



	DLA-M4000	DLA-G20	DLA-G15	DLA-G11	DLA-S15	DLA-M15
Image Device	3 D-ILA™ (0.9 inches diagonal)	3 D-ILA™ (0.9 inches diagonal)	3 D-ILA™ (0.9 inches diagonal)	3 D-ILA™ (0.9 inches diagonal)	3 D-ILA™ (0.9 inches diagonal)	3 D-ILA™ (0.9 inches diagonal)
Projection Lens	Optional 3:1 - 7:1 zoom (V) ±50% motorized shift (H) ±20% manual shift 1.5:1 lens (V) ±50% motorized shift (H) ±20% manual shift 1:1 lens	2:1 - 3:1 (Throw distance: Screen width) 1.5x powered zoom, power focus, 50% off-axis	2:1 - 3:1 (Throw distance: Screen width) 1.5x powered zoom, power focus, 50% off-axis	2:1 - 3:1 (Throw distance: Screen width) 1.5x powered zoom, power focus, 50% off-axis	1:1 (Throw distance: Screen width) on axis	1.5:1 (Throw distance: Screen width) 30% - 55% manual shift with fine adjustment of screen size
Brightness	4,000 ANSI lumens	2,000 ANSI lumens	1,500 ANSI lumens	1,000 ANSI lumens	1,500 ANSI lumens	1,500 ANSI lumens
Resolution	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))	1,365 x 1,024 pixels (full coverage of S-XGA (1,280 x 1,024) graphics (S-XGA, XGA, S-VGA, VGA))
Contrast Ratio	More than 350:1	More than 350:1	More than 350:1	More than 350:1	More than 350:1	More than 350:1
Color Reproduction	16.7 million colors	16.7 million colors	16.7 million colors	16.7 million colors	16.7 million colors	16.7 million colors
Scan Frequency	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz	Horizontal: 15 - 82 kHz Vertical: 50 - 78 Hz
Input	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Y/C separated x 1 Composite x 1 Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Y/C separated x 1 Composite x 1 Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Y/C separated x 1 Composite x 1 Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Y/C separated x 1 Composite x 1 Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)	Analog RGB x 2 (D-sub 15 pins (female) x 1, R,G,B,H,V x 1) Y/C separated x 1 Composite x 1 Component x 1 (Y/R-Y/B-Y, Y/ Pb/ Pr for HDTV)
Output	PC Monitor: D-sub (female)	PC Monitor: D-sub (female) Audio: Stereo	PC Monitor: D-sub (female) Audio: Stereo	PC Monitor: D-sub (female) Audio: Stereo	PC Monitor: D-sub (female) Audio: Stereo	PC Monitor: D-sub (female) Audio: Stereo
Communication Port	RS-232C, wired remote plug	RS-232C, wired remote plug	RS-232C, wired remote plug	RS-232C, wired remote plug	RS-232C, wired remote plug	RS-232C, wired remote plug
Throw Distance	(3:1 - 7:1 zoom): 16.6 - 138 ft (5.1 m - 42.7 m) (1.5:1): 6.5 - 24.7 ft (2.0 m - 7.6 m) (1:1): 4.9 - 13.4 ft (1.5 m - 4.1 m)	8.2 ft - 65.6 ft (2.5 m - 20 m)	8.2 ft - 65.6 ft (2.5 m - 20 m)	8.2 ft - 65.6 ft (2.5 m - 20 m)	2.6 ft - 12.9 ft (0.8 m - 4.0 m)	5.8 ft - 14.9 ft (1.8 m - 4.5 m)
Screen Size (inch : diagonal, 4:3) (mm : width)	(3:1 - 7:1 zoom): 60" - 600" (1,219 mm - 12,192 mm) (1.5:1): 65" - 250" (1,321 mm - 5,080 mm) (1:1): 80" - 200" (1,626 mm - 4,064 mm)	Wide: 63" - 521" (1,280 mm - 10,587 mm) Tele: 42" - 345" (854 mm - 7,011 mm)	Wide: 63" - 521" (1,280 mm - 10,587 mm) Tele: 42" - 345" (854 mm - 7,011 mm)	Wide: 63" - 521" (1,280 mm - 10,587 mm) Tele: 42" - 345" (854 mm - 7,011 mm)	40" - 200" (813 mm - 4,064 mm)	60" - 150" (1,219 mm - 3,048 mm)
Lamp	1.6 kW, Xenon	550 W, Xenon	420 W, Xenon	420 W, Xenon	420 W, Xenon	420 W, Xenon
Audio	—	Built-in stereo speakers (1 W + 1 W stereo)	Built-in stereo speakers (1 W + 1 W stereo)	Built-in stereo speakers (1 W + 1 W stereo)	Built-in stereo speakers (1 W + 1 W stereo)	Built-in stereo speakers (1 W + 1 W stereo)
Power Consumption	2,200 W	850 W	660 W	660 W	660 W	660 W
Input Power	200 - 240 V, 50/60 Hz AC	100 - 120 V, 50/60 Hz AC	100 - 120 V, 50/60 Hz AC	100 - 120 V, 50/60 Hz AC	100 - 120 V, 50/60 Hz AC	100 - 120 V, 50/60 Hz AC
Dimensions (WxHxD)	29.4" x 14.5" x 31.2" (747 x 368 x 793 mm) without lens	20" x 10.4" x 15.3" (505 x 264 x 388 mm) without lens	16.73" x 9.68" x 13.35" (425 x 246 x 339 mm) without lens	16.73" x 9.92" x 13.35" (425 x 252 x 339 mm) without lens	16.73" x 9.68" x 16.38" (425 x 246 x 416 mm) without lens	16.73" x 9.68" x 13.35" (425 x 246 x 339 mm) without lens
Weight	Approx. 156 lbs. (71 kg) without lens	38.1 lbs. (17.3 kg)	32.6 lbs. (14.8 kg)	33.0 lbs. (15 kg)	32.9 lbs. (14.9 kg)	33.9 lbs. (15.4 kg)
Provided Accessories	Power cord, Wireless (infrared) remote control, Remote control cable, Operation manual, Battery for remote control unit x 2	Power cord, Wireless (infrared) remote control, PC connection cable (D-sub 15 pins (male) - D-sub 15 pins (male)), Adapter for Macintosh, AV cable, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2	Power cord, Wireless (infrared) remote control, PC connection cable (D-sub 15 pins (male) - D-sub 15 pins (male)), Adapter for Macintosh, AV cable, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2	Power cord, Wireless (infrared) remote control, PC connection cable (D-sub 15 pins (male) - D-sub 15 pins (male)), Adapter for Macintosh, AV cable, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2	Power cord, Wireless (infrared) remote control, PC connection cable (D-sub 15 pins (male) - D-sub 15 pins (male)), Adapter for Macintosh, AV cable, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2	Power cord, Wireless (infrared) remote control, PC connection cable (D-sub 15 pins (male) - D-sub 15 pins (male)), Adapter for Macintosh, AV cable, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2

LCD PROJECTORS



LX-D1020

- True XGA
- 1300 ANSI lumens



LX-D1010

- 3.2 kg (7.01 lbs.)
- True XGA
- 1100 ANSI lumens

LCD Panel	1.3" TFT LCD x 3	0.9" TFT LCD with micro lens x 3
Projection Lens	Manual zoom (1.3x)/manual focus	Manual zoom (1.3x)/manual focus
Brightness	1,300 ANSI lumens (typical)	1,100 ANSI lumens (typical)
Resolution	XGA (SXGA compression)	XGA (SXGA compression)
Color Reproduction	16.7 million colors	16.7 million colors
Scan Frequency	Horizontal: 15 - 107 kHz Vertical: 43 - 85 Hz	Horizontal: 15 - 92 kHz Vertical: 50 - 85 Hz
Keystone Correction	±20°	±15°
Input	PC: RGB x 2 Video: Composite x 1, S-video x 1 TV signal standard: NTSC/PAL/SECAM/NTSC4.43/PAL-N/PAL-M Audio: RCA (L/R) x 1, stereo mini-plug x 2	PC: RGB x 1 Video: Composite x 1, S-video x 1 TV signal standard: NTSC/PAL/SECAM Audio: RCA (L/R) x 1
Output	PC: RGB x 1 Audio: RCA (L/R) x 1, stereo mini-plug x 1	PC: RGB x 1
Port	Mouse/Com In/Out terminal x 2	Serial port (RS-232C) x 1, USB terminal x 1
Throw Distance	3.9 - 53.8 ft (1.2 - 16.4 m)	4.6 - 45.7 ft (1.4 - 13.93 m)
Screen Size (inch : diagonal, 4:3) (mm : width)	23" - 300" (467 - 6,100 mm)	40" - 300" (810 - 6,100 mm)
Lamp	150 W UHE	150 W UHP
Audio	Built-in stereo speakers (3 W + 3 W)	Built-in monaural speaker (1 W)
Input Power	100 - 120/200 - 240 V, 50/60 Hz AC	100 - 240 V, 50/60 Hz AC
Power Consumption	250 W	230 W
Dimensions (WxHxD)	11.81" x 4.72" x 14.29" (300 x 120 x 363 mm) excluding lens and base	9.53" x 3.11" x 11.57" (242 x 79 x 294 mm)
Weight	13.7 lbs. (6.2 kg)	7.0 lbs. (3.2 kg)

LX-D1020 Throw Distance vs. Screen Width

Screen Size (Diagonally)	30	60	100	200	300
(Width)	0.61	1.22	2.03	4.06	6.10
(Height)	0.46	0.92	1.52	3.04	4.57
Throw Distance	1.59	3.24	5.45	10.97	16.49
Tele	5.22	10.63	17.88	35.99	54.10
Wide	1.18	2.44	4.11	8.30	12.48
(ft)	3.87	8.01	13.48	27.23	40.94

LX-D1010 Throw Distance vs. Screen Width

Screen Size (Diagonally)	40	80	120	200	300
(Width)	0.81	1.63	2.44	4.06	6.10
(Height)	0.61	1.22	1.83	3.04	4.57
Throw Distance	1.84	3.74	5.64	9.44	13.93
Tele	6.04	12.27	18.50	30.97	45.70
Wide	1.40	2.86	4.33	7.25	10.70
(ft)	4.59	9.38	14.21	23.79	35.10

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JVC PROFESSIONAL

PROJECTOR LINEUP



IMAGE OF PERFECTION

