

# JVC<sup>®</sup>

The Perfect Experience / —

DLA-SH7NL  
D-ILA Projector

## D-ILA<sup>®</sup>



**The world of 4K projection made possible by ultra-high 4,096 x 2,400-pixel resolution, incredible native contrast of 10,000:1, and impressive 5,000-lumen brightness.**

- **Approximately 10 million pixels (4,096 x 2,400 pixels) ensure image quality with ultra-high resolution**  
JVC's exclusive 4K2K D-ILA device helps to ensure remarkably precise image quality with ultra-high resolution.
- **5,000-lumen brightness realized by adopting a dual-lit system with an ultra high-pressure mercury lamp**  
Low running costs are assured with the adoption of a very efficient ultra high-pressure mercury lamp.
- **Deeper, truer black thanks to an incredible native contrast ratio of 10,000:1**  
The incredible native contrast ratio augmented by 12-bit image processing ensures richer colours with heightened shades of grey.
- **Four dual-link DVI input terminals enable simultaneous multi-screen display (two or four display mode)**  
Thanks to 4,096 x 2,400-pixel resolution, the simultaneous multi-screen display of up to four WUXGA panels (1,920 x 1,200 pixels) can be realized.
- **Two types of lens are available, which can be selected depending on the throw distance required**  
A standard zoom lens with electronic shift function facilitates installation anywhere, and a fixed short-focus lens is also available.

## ■ Specifications

Optical device	
Device	1.27 inch D-ILA* x 3 (aspect ratio: approx. 17:10)
Resolution	4,096 x 2,400
Lens	Optional (see below)
Light source lamp	330W UHP mercury lamp (dual-lit system)
Lamp life*2	Approx. 3,000 hours at 265W; approx. 2,000 hours at 330W
Brightness	5,000lm
Contrast ratio	Native: 10,000:1
Video signals	
Digital video input signal (progressive)	4096 x 2400, 4096 x 2160, 3840 x 2400, 3840 x 2160, 2048 x 1200, 2048 x 1080, 1920 x 1200, 1920 x 1080, 1600 x 1200, 1280 x 1024, 1024 x 768, 800 x 600, 640 x 480
Input terminals	
AV In	24-pin DVI-D (dual-link; enhanced 12bit input compatible) x4 (HDCP enabled*3)
LAN	RJ45 x1
USB	Type B (slave) x1
RS-232C	D-sub 9-pin (male) x1
Others	
Power requirement	AC110V-AC240V, 50/60Hz
Power consumption	1,100W (stand-by: 6W)
Power supply	11A (AC 100V)
Operating temperature	10°C - 35°C
Operating humidity	Less than 80% (non-condensing)
Storage temperature	-5°C - 60°C
Dimensions (W x H x D)	660 x 342 x 783mm (without protrusions)
Weight	50.5kg (without lens)
Accessories	Cord (3.3m/AC110V-AC240V), user manual

Optional lens		
Model	GL-MS4015SZ	GL-MS4011S
Projection ratio	1.5:1 - 1.84:1	1.1:1
Zoom ratio	1.22x	Fixed
Lens shift	±50% vertical (motorised) ±25% horizontal (motorised)	±15% vertical (motorised) ±5% horizontal (motorised)
Projection distance	Approx. 2.6m - 12m	Approx. 1.2m - 6.2m
Weight	3.6kg	3.4kg
Optional lamp		
Model	PK-L3310U	

\*1: Please note that as the D-ILA device is manufactured using highly advanced technologies, 0.01% or fewer of the pixels may be non-performing (always on or off).

\*2: Lamp life quantities are approximations and may vary.

\*3: Images input through the DVI terminal may not display due to changes in HDCP standards.

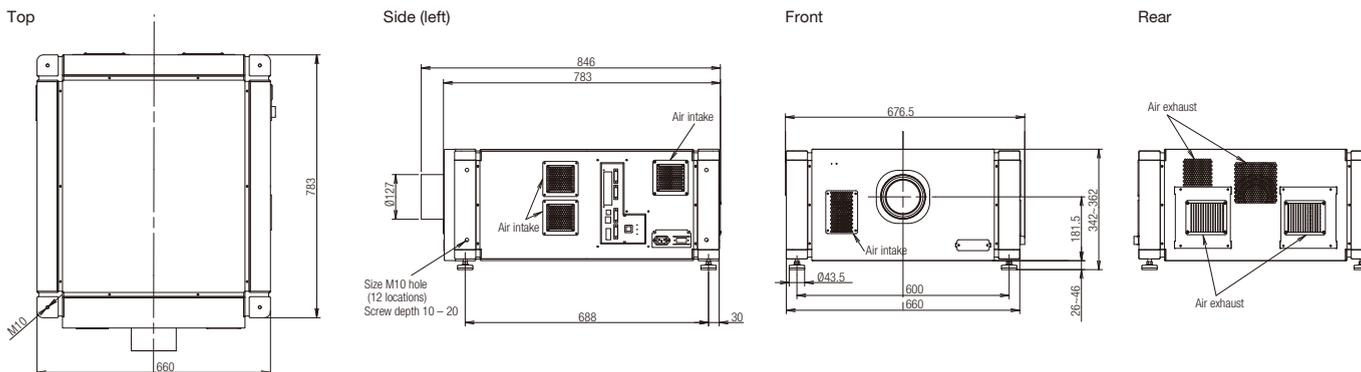
## ■ Projection Distance Chart\*

Display size: inch (approx. diagonal) Aspect ratio: 17:10	Width	Projection distance			
		GL-MS4015SZ		GL-MS4011S	
		Tele	Wide		
50 (1.27m)	1.10m	—	—	—	1.16m (3.79ft)
60 (1.53m)	1.31m	—	—	—	1.41m (4.62ft)
70 (1.78m)	1.54m	—	—	—	1.66m (5.44ft)
80 (2.03m)	1.75m	3.19m (10.47ft)	2.58m (8.47ft)	—	1.91m (6.27ft)
90 (2.29m)	1.97m	3.60m (11.81ft)	2.91m (9.56ft)	—	2.16m (7.09ft)
100 (2.54m)	2.19m	4.01m (13.16ft)	3.25m (10.65ft)	—	2.41m (7.91ft)
110 (2.79m)	2.41m	4.42m (14.50ft)	3.58m (11.75ft)	—	2.66m (8.74ft)
120 (3.05m)	2.63m	4.83m (15.84ft)	3.91m (12.84ft)	—	2.91m (9.56ft)
130 (3.30m)	2.85m	5.24m (17.18ft)	4.25m (13.93ft)	—	3.17m (10.38ft)
140 (3.56m)	3.07m	5.65m (18.52ft)	4.58m (15.02ft)	—	3.42m (11.21ft)
150 (3.81m)	3.29m	6.06m (19.87ft)	4.91m (16.12ft)	—	3.67m (12.03ft)
160 (4.06m)	3.51m	6.46m (21.21ft)	5.25m (17.21ft)	—	3.92m (12.85ft)
170 (4.32m)	3.73m	6.87m (22.55ft)	5.58m (18.30ft)	—	4.17m (13.68ft)
180 (4.57m)	3.94m	7.28m (23.89ft)	5.91m (19.40ft)	—	4.42m (14.50ft)
190 (4.83m)	4.16m	7.69m (25.23ft)	6.24m (20.49ft)	—	4.67m (15.33ft)
200 (5.08m)	4.38m	8.10m (26.58ft)	6.58m (21.58ft)	—	4.92m (16.15ft)
210 (5.33m)	4.60m	8.51m (27.92ft)	6.91m (22.67ft)	—	5.17m (16.98ft)
220 (5.59m)	4.82m	8.92m (29.26ft)	7.24m (23.77ft)	—	5.43m (17.80ft)
230 (5.84m)	5.04m	9.33m (30.60ft)	7.58m (24.86ft)	—	5.68m (18.62ft)
240 (6.10m)	5.26m	9.74m (31.94ft)	7.91m (25.95ft)	—	5.93m (19.45ft)
250 (6.35m)	5.48m	10.15m (33.28ft)	8.24m (27.04ft)	—	6.18m (20.28ft)
260 (6.60m)	5.70m	10.55m (34.63ft)	8.58m (28.14ft)	—	—
270 (6.86m)	5.92m	10.96m (35.97ft)	8.91m (29.23ft)	—	—
280 (7.11m)	6.14m	11.37m (37.31ft)	9.24m (30.32ft)	—	—
290 (7.37m)	6.36m	11.78m (38.65ft)	9.57m (31.41ft)	—	—
300 (7.62m)	6.57m	12.19m (39.99ft)	9.91m (32.51ft)	—	—

\* Projection distance chart is based on projected images with 4,096 x 2,400-pixel resolution. Projection distances are design specifications, so there is ±5% variation.

## ■ External Dimensions (when equipped with optional lens)

Unit (mm)



Design and specifications are subject to change without notice.

The projector is equipped with a high-pressure mercury lamp, which may break, emitting a loud noise, when it is subjected to shock or after it has been used for some length of time.

Please note that, depending on how the projector is used, there can be considerable difference between individual lamps regarding how many hours they will operate before requiring replacement. The owner of the projector is responsible for all costs related to the replacement of the lamp.

• The projector lamp requires periodic replacement and is not covered by warranty.

• Please note that as the D-ILA device is manufactured using highly advanced technologies, 0.01% or fewer of the pixels may be non-performing (always on or off).

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