

JVC[®]

The Perfect Experience / —

DLA-HD250Pro
Full HD D-ILA Front Projector

D-ILA[®]



Picture Quality is Truly Remarkable.

Unrivaled Picture Quality

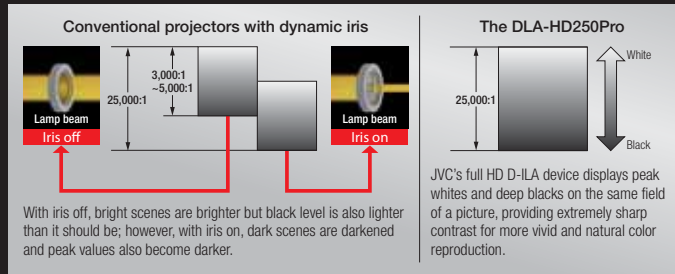
- High native contrast ratio: 25,000:1
- Brightness: 1,000lm
- User-customizable gamma control
- High-performance 2x motorized zoom lens

Outstanding Flexibility and Convenience

- User-friendly remote controller
- Quiet operation: Only 19dB
- V-stretch mode for Cinema Scope
- Dual HDMI[®] (v1.3, Deep Color)

High native contrast ratio: 25,000:1

The DLA-HD250Pro D-ILA projector employs a fixed aperture on the lens to help eliminate unnecessary light that can lower contrast levels to make possible a high native contrast ratio of 25,000:1. Enhanced brightness and deeper, richer blacks make the DLA-HD250Pro ideal for viewing diverse content, from movies and music videos to live concert performances and sports programs.



Customized gamma control on-screen

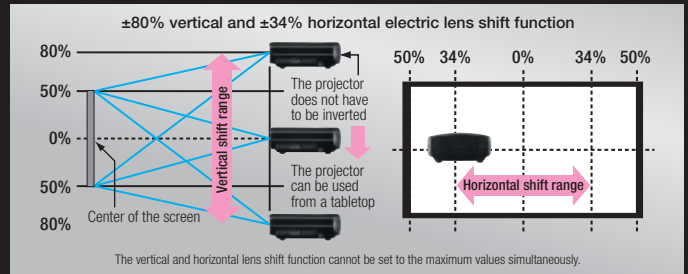
Manual adjustment of gamma curve is possible allowing the viewer to adjust projector luminance levels by either increasing contrast or dimming to ensure precise brightness levels suited to individual preferences. Up to three settings can be adjusted and stored.

Advanced video processor

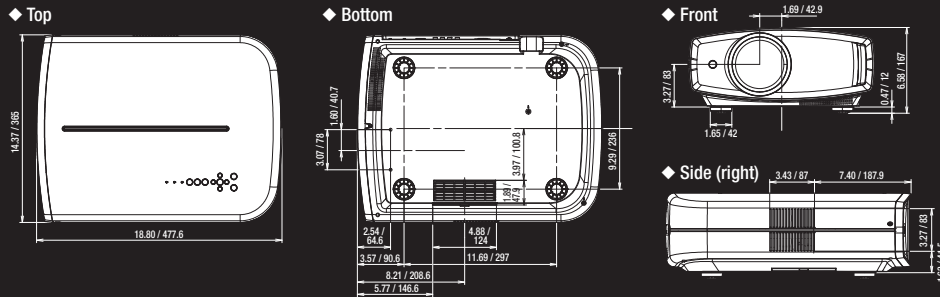
The DLA-HD250Pro incorporates the HQV Reon-VX video processor, featuring precision I/P converter and scaler with full 10-bit 4:4:4 signal processing as well as an HQV noise reduction function to block mosquito noise.

Flexible and easy set-up

The $\pm 80\%$ vertical and $\pm 34\%$ horizontal lens shift function is electrically operated, allowing the projected picture to be moved horizontally or vertically effortlessly via the remote controller. What's more, the 2x motorized zoom lens — with throw distances of 3.0 meters to 6.1 meters for the 100-inch display — makes tedious zoom or focus adjustment easy thanks to its high-performance motor.



External dimensions (Unit: Inches / mm)



Projection distance chart

| Screen diagonal (inch) | Display size (16:9) | | | | Projection distance | | | |
|------------------------|---------------------|-------|-----------|-------|---------------------|------|--------------|-------|
| | W | | H | | Wide | | Tele | |
| | inch | mm | inch | mm | ft & inch | m | ft & inch | m |
| 60 | 52-9/32" | 1,328 | 29-13/32" | 747 | 5' 10-5/64" | 1.78 | 12' 3/32" | 3.66 |
| 70 | 60-63/64" | 1,549 | 34-21/64" | 872 | 6' 10-9/32" | 2.09 | 14' 1/2" | 4.28 |
| 80 | 68-23/32" | 1,771 | 39-7/32" | 996 | 7' 10-1/2" | 2.4 | 16' 1/2" | 4.89 |
| 90 | 78-27/64" | 1,992 | 44-9/64" | 1,121 | 8' 10-5/16" | 2.7 | 18' 59/64" | 5.51 |
| 100 | 87-11/64" | 2,214 | 49-1/64" | 1,245 | 9' 10-1/2" | 3.01 | 20' 1-11/32" | 6.13 |
| 110 | 95-55/64" | 2,435 | 53-15/64" | 1,370 | 10' 10-5/16" | 3.31 | 22' 1-3/4" | 6.75 |
| 120 | 104-9/16" | 2,656 | 58-13/16" | 1,494 | 11' 10-4/8" | 3.62 | 24' 1-49/64" | 7.36 |
| 130 | 113-5/16" | 2,878 | 63-47/64" | 1,619 | 12' 10-21/64" | 3.92 | 26' 2-3/16" | 7.98 |
| 140 | 122-1/64" | 3,099 | 68-5/8" | 1,743 | 13' 10-9/16" | 4.23 | 28' 2-37/64" | 8.60 |
| 150 | 130-45/64" | 3,320 | 73-35/64" | 1,868 | 14' 10-3/8" | 4.53 | 30' 2-63/64" | 9.22 |
| 160 | 139-29/64" | 3,542 | 78-27/64" | 1,992 | 15' 10-5/32" | 4.84 | 32' 3-1/2" | 9.84 |
| 170 | 148-5/32" | 3,763 | 83-11/32" | 2,117 | 16' 10-23/64" | 5.14 | 34' 3-27/64" | 10.45 |
| 180 | 156-27/32" | 3,984 | 88-15/64" | 2,241 | 17' 10-9/16" | 5.45 | 36' 4-35/64" | 11.07 |
| 190 | 165-19/32" | 4,206 | 93-5/32" | 2,366 | 18' 10-3/8" | 5.75 | 38' 3-54/64" | 11.68 |
| 200 | 174-19/64" | 4,427 | 98-1/32" | 2,490 | 19' 10-37/64" | 6.06 | 40' 4-1/4" | 12.30 |

*Projection distances are design specifications, so there is $\pm 5\%$ variation.

• 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. • An additional payment is required for installation of a new lamp, if necessary. • The projector lamp requires periodic replacement and is not covered by warranty. • Please be aware that, because 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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Motorized lens cover

The DLA-HD250Pro features a unique motorized lens cover that opens and closes with power on/off to protect against dust, so even if the projector is installed up on the ceiling, you're assured of easy, trouble-free operation via the remote controller.



Quiet operation

Thanks to the enhanced efficiency of the cooling system, fan noise has been reduced to 19dB*, enabling the viewer to better concentrate on what's being shown on the screen even in a very quiet room.

* When lamp mode set to standard mode.

Optional accessory



User-replaceable Lamp
BHL5010-S

Terminals on the side



Specifications

| | DLA-HD250Pro |
|-----------------------------------|---|
| Device | 0.7inch D-ILA x3 |
| Resolution | 1920 x 1080 pixels |
| Lens | 2x motorized zoom & focus, f=21.4mm - 42.8mm, F=3.2 - 4 |
| Lens shift | $\pm 80\%$ Vertical / $\pm 34\%$ Horizontal (motorized) |
| Projection size (Screen diagonal) | 60 - 200 inches |
| Light source lamp | 200W UHP |
| Brightness | 1,000lm |
| Contrast ratio | Native: 25,000:1 |
| Terminals | HDMI® (v1.3, Deep Color) x2, Component x1 (RCA), S-Video x1 (mini DIN), Composite x1 (RCA), RS-232C (D-sub 9-pin) |
| Video input signal | 480i/p, 576i/p, 720p 60/50, 1080i 60/50, 1080p 60/50/24 |
| PC input signal (Digital) | VGA/SVGA/XGA/WXGA/WXGA+/SXGA/WSXGA+/WUXGA |
| Noise level | 19dB (Normal mode) |
| Power requirement | AC 110V-240V, 50/60 Hz |
| Power consumption | 280W (Stand-by mode: 1W) |
| Dimensions (W x H x D) | 14.37 x 6.58 x 18.82 inches (365 x 167 x 478 mm) |
| Weight | 24.3lbs (11.0kg) |



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JVC U.S.A.
Division of JVC AMERICAS CORP.
1700 Valley Road, Wayne, N.J. 07470
CONSUMER INFORMATION CENTER 1-800-252-5722
<http://www.jvc.com/>

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