D-ILA™ PROJECTOR
DLA-M20/L20

The Power To Project Your Best Image

2000 ANSI Lumens

SXGA
True S-XGA Resolution

When projected onto a large-size screen, the DLA-M20/L20's high-density LCD panels provide true S-XGA resolution without scaling or loss of quality. With resolution of up to 1,366 x 1,024 pixels, even the small characters and icons typical of computer displays can be reproduced clearly. This makes the DLA-M20/L20 the perfect choice for projection of high-resolution 3D graphics or detailed CAD images.
**Adjustable Lens for Flexible Configuration**

For more flexible installation, both models feature lens shift capability. The projection lens can be manually offset between 30% and 55% in the vertical direction.

- **DLA-L20: 2.9:1 — 5.6:1 Zoom lens**
  With its long-focus 2.9:1–5.6:1 zoom lens, the DLA-L20 can be installed in a broad room, still maintaining easy adjustment of the screen position even when projected from a distance. So you can install the projector virtually anywhere in a room.

- **DLA-M20: 1.5:1 Fixed lens**
  With adjustable 1.5:1 lens, you can quickly obtain an optimum projection image even when using two units of DLA-M20 in a stacked configuration, allowing you to achieve even higher levels of brightness than is possible with a single projector.

**Advanced Picture Improvement Technologies**

The Adaptive DPC (Digital Pixel Conversion) circuitry optimizes picture quality regardless of the input signal resolution to ensure smooth, clear images. The 10-Bit Digital Gamma Correction circuitry facilitates accurate gray scale and color reproduction. In combination with the natural emission spectrum of the Xenon lamp, this further enhances the natural characteristics of the projected color.

**Designed for Professional Use**

Specifically designed to satisfy the demanding requirements of professional applications, the DLA-M20/L20 is equipped with two PC inputs for seamless integration into pre-installed cabling setups. Input channel settings can be set independently for each of the computer inputs (up to 10 user-preset channel settings available) and a wide range of scanning frequencies are provided to enable these high-performance projectors to accommodate most standard input devices.

**Throw Distance vs. Screen Size (Offset projection angle: 50%)**

<table>
<thead>
<tr>
<th>Screen size (Diagonally)</th>
<th>DLA-M20</th>
<th>DLA-L20</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 (m)</td>
<td>1.22</td>
<td>0.81</td>
</tr>
<tr>
<td>80 (m)</td>
<td>1.63</td>
<td>1.63</td>
</tr>
<tr>
<td>100 (m)</td>
<td>2.03</td>
<td>2.53</td>
</tr>
<tr>
<td>120 (m)</td>
<td>2.44</td>
<td>3.25</td>
</tr>
<tr>
<td>150 (m)</td>
<td>3.05</td>
<td>4.00</td>
</tr>
</tbody>
</table>

**The Ideal Replacement for CRT Projectors**

With a lens that the same projection ratio as that used in many CRT projectors, the DLA-M20 can be installed in practically same position, providing an easy replacement option. And thanks to the lens shift capability, you won’t have to reposition the projection screen either.
**JVC D-ILA™ Projector “20 Series”**

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<table>
<thead>
<tr>
<th>Features</th>
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<tbody>
<tr>
<td>High-brightness 2000 ANSI lumens</td>
</tr>
<tr>
<td>High-contrast ratio of 350:1</td>
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<tr>
<td>2:1 – 3:1 Zoom lens</td>
</tr>
<tr>
<td>True S-XGA (1,365 x 1,024) resolution</td>
</tr>
<tr>
<td>Adaptive DPC &amp; 10-bit digital gamma correction for superior image quality</td>
</tr>
</tbody>
</table>

**Specifications**

**Image Device:**
- 3 D-ILA™ (0.9 inches diagonal)

**Projection Lens:**
- DLA-M20: 1.5:1 fixed focus lens
- DLA-L20: 2.9:1 – 5.6:1 zoom lens

**Brightness:**
- 2,000 ANSI lumens

**Resolution:**
- 1,365 x 1,024 pixels
  - Full coverage of S-XGA (1,280 x 1,024) graphics

**Contrast Ratio:**
- More than 350:1

**Colour Reproduction:**
- 16.7 million colours

**Scan Frequency:**
- Horizontal: 15 – 82 kHz
- Vertical: 50 – 78 Hz

**Input:**
- Analogue RGB x 2
  - (D-Sub (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/P r for HDTV)

**Output:**
- PC Monitor: D-sub (female)
- Audio: Stereo

**Throw Distance:**
- DLA-M20: 5.77ft — 14.76ft (1.76m — 4.50m)
- DLA-L20: 14.83ft — 98.00ft (4.52m — 29.87m)

**Screen Size:**
- DLA-M20: 60” — 150” (1.22m — 3.05m)
- DLA-L20: Wide: 80” — 510” (1.63m — 10.36m)
  - Tele: 40” — 270” (0.81m — 5.49m)

**Lamp:**
- 550 watts, Xenon

**Audio:**
- Built-in stereo speakers (1W + 1W stereo)

**Input Power:**
- 100 – 120V , 50/60 Hz AC

**Power Consumption:**
- 850 W

**Dimensions (WxHxD):**
- 19.9” x 10.4” x 17.2” (505mm x 264mm x 437mm)

**Weight:**
- DLA-M20: 39.5lbs. (17.9kg)
- DLA-L20: 40.3lbs (18.3kg)

**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, Audio cable, BNC-RCA adapter, Lens cap, Operation manual, Battery for remote control unit x 2

**Auto-alignment function for automatic adjustment of tracking, phase and position**

**Up-down/left-right inversion**

**Selectable colour temperature (High/Mid/Low)**

**Selectable background color (when no signal is input)**

**On-screen menu (6-language selectable)**

**Resizing function for full-screen projection of XGA/S-VGA/VGA images**

**1000 hours of lamp life**

**Lamp life “warning” indicator**

**Lamp "sleep" function — in the absence of any signal for a preset time (10 min., 20 min., 30 min., or 60 min., selectable), the lamp is automatically shut off for safety and power saving**

**Wired remote control (optional)**

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