

## M-Vision Cine 400 3D

5,500 ANSI Lumens | Contrast Ratio: 2,000:1 | Part No:112-818

### M-Vision Cine 400 Series Digital Projectors




#### Colour System:

6 Segment RGBYCW Colour Wheel

#### DMD Specification:

1920 x 1080 pixels native, +/- 12° tilt angle  
Fast transit pixels for smooth greyscale and improved contrast.

#### Display Type:

1 x 0.95" DarkChip™ DMD™

#### Aspect Ratio:

16x9

#### Fill Factor

87%

## Key Features

### Video & Graphics Processing

- HDMI 1.4 for Side by Side, Frame Packing & Top Bottom Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).
- Dual Pipe Processing: Two sources in parallel for Left and Right Eyes.
- Synchronisation of active glasses, DLP® Link™ glasses or polarising switcher.
- High Bandwidth Digital & Analogue Receiver with 10 Bit A-D.
- 24p and 1080p native display.
- BrilliantColor™ for increased system brightness.
- Adaptive Contrast with frame-by-frame content analysis.
- The projector automatically detects interlaced video and implements 3:2 or 2:2 extraction as appropriate, with pixel based, motion adaptive interpolation and auto cadence correction.
- Image enhancement for MPEG, Mosquito noise & Colour Transients in composite sources.

#### Source Compatibility:

HDMI including Deep Color™ processing and 3D standards.

Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI or VGA.

Component Video (SD and HD) via YPrPb and RGB.

## Inputs/Outputs

#### Video & Computer

| Type             | Connector    | Qty |
|------------------|--------------|-----|
| HDMI 1.4         | HDMI         | 2   |
| VGA / Analog RGB | 15-pin D-Sub | 1   |
| Component Video  | 3 x RCA      | 1   |
| Component Video  | 3 x BNC      | 1   |

#### Communication & Control

| Type         | Connector         | Qty |
|--------------|-------------------|-----|
| 3D Sync Out  | VESA 3-pin        | 1   |
| LAN          | RJ45              | 1   |
| RS232        | 9-pin D Sub       | 1   |
| IR Input     | 3.5mm Stereo Jack | 1   |
| 12V Trigger  | 3.5mm Stereo Jack | 2   |
| Service Port | USB Type A        | 1   |

| 3D Formats Supported                                                                                                                                                |          | HDTV Formats Supported                                                                                                                                                                              |                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| Frame Packing<br>Dual Pipe<br>Side By Side (half)<br>Top and Bottom                                                                                                 |          | 1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz),1080i (50Hz, 60Hz), 720p (50, 60Hz)                                                                                                                            |                                                             |
| Computer Compatibility                                                                                                                                              |          | Bandwidth                                                                                                                                                                                           |                                                             |
| Up to 1920 x 1200                                                                                                                                                   |          | 200 MHz on analog RGB<br>165 Megapixels per second on HDMI                                                                                                                                          |                                                             |
| Remote Control                                                                                                                                                      |          | Automation Control                                                                                                                                                                                  |                                                             |
| IR Remote Control<br>On-Board keypad                                                                                                                                |          | RS232<br>LAN                                                                                                                                                                                        |                                                             |
| Colour Temperature                                                                                                                                                  |          |                                                                                                                                                                                                     |                                                             |
| User selectable from 5500 to 9300K                                                                                                                                  |          |                                                                                                                                                                                                     |                                                             |
| Lamp Type                                                                                                                                                           |          | Typical Lamp Life                                                                                                                                                                                   |                                                             |
| 1 x 400W High Intensity Discharge                                                                                                                                   |          | Full Power: 1500 hours                                                                                                                                                                              |                                                             |
| Lenses                                                                                                                                                              |          |                                                                                                                                                                                                     |                                                             |
| Lens                                                                                                                                                                | Part No. | Focus Range                                                                                                                                                                                         | Lens Shift                                                  |
| 0.73 fixed                                                                                                                                                          | 110-156  | 0.97m - 1.3m                                                                                                                                                                                        | none                                                        |
| 0.84 - 1.03 : 1 zoom                                                                                                                                                | 112-762  | 1.5m - 4m                                                                                                                                                                                           | Vert: 0.45 (U) 0.45 (D) frame, Hor: 0.12 (L) 0.12 (R) frame |
| 1.56 - 1.86 : 1 zoom                                                                                                                                                | 110-157  | 2m - 7m                                                                                                                                                                                             | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame   |
| 1.85 - 2.40 : 1 zoom                                                                                                                                                | 110-158  | 2.5m - 10m                                                                                                                                                                                          | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame   |
| 2.4 - 4.0 : 1 zoom                                                                                                                                                  | 112-319  | 4m - 12m                                                                                                                                                                                            | Vert: 0.6 (U) 0.6 (D) frame, Hor: 0.15 (L) 0.15 (R) frame   |
| Lens Mount                                                                                                                                                          |          |                                                                                                                                                                                                     |                                                             |
| Manual shift, zoom & focus.                                                                                                                                         |          |                                                                                                                                                                                                     |                                                             |
| Mechanical Mounting                                                                                                                                                 |          | Orientation                                                                                                                                                                                         |                                                             |
| Front/Rear Table<br>Front/Rear Ceiling<br>Adjustable Front/Rear Feet                                                                                                |          | <b>Table Top or Inverted:</b> Yes<br><b>Pointing Up:</b> +/-12° from horizontal<br><b>Pointing Down:</b> +/-12° from horizontal<br><b>Roll (Portrait):</b> Yes - only with exhaust pointing upwards |                                                             |
| Power Requirements                                                                                                                                                  |          | Power Consumption                                                                                                                                                                                   |                                                             |
| 100-240VAC 50/60Hz single phase                                                                                                                                     |          | 505W                                                                                                                                                                                                |                                                             |
| Thermal Dissipation                                                                                                                                                 |          | Fan Noise                                                                                                                                                                                           |                                                             |
| 1723 BTU/Hour                                                                                                                                                       |          | 42 dBA                                                                                                                                                                                              |                                                             |
| Operating/Storage Temperature                                                                                                                                       |          | Operating Humidity                                                                                                                                                                                  |                                                             |
| Operating: 10 to 40C (50 to 95F)<br>Storage: -20 to 60C (-4 to 140F)                                                                                                |          | 20% to 85% non condensing                                                                                                                                                                           |                                                             |
| Weight (Chassis Only)                                                                                                                                               |          | Dimensions                                                                                                                                                                                          |                                                             |
| 13 kg<br>28.7 lb                                                                                                                                                    |          | L: 44cm W: 50.8cm H: 18.2cm<br>L: 17.3 in W: 20 in H: 7.2 in                                                                                                                                        |                                                             |
| Safety & EMC Regulations                                                                                                                                            |          |                                                                                                                                                                                                     |                                                             |
| CE, FCC Class B, cTUVus, CCC                                                                                                                                        |          |                                                                                                                                                                                                     |                                                             |
| Accessories                                                                                                                                                         |          |                                                                                                                                                                                                     |                                                             |
| Accessory                                                                                                                                                           | Part No. |                                                                                                                                                                                                     |                                                             |
| M-Vision Cine 400 3D Lamp & Housing                                                                                                                                 | 111-150  |                                                                                                                                                                                                     |                                                             |
| Infrared Remote (replacement)                                                                                                                                       | 112-961  |                                                                                                                                                                                                     |                                                             |
| Ceiling Mount Kit w/plate & 500mm pole                                                                                                                              | 112-944  |                                                                                                                                                                                                     |                                                             |
| Gyrolock Ceiling Mount Kit w/plate & 230 - 300mm adjustable pole                                                                                                    | 112-412  |                                                                                                                                                                                                     |                                                             |
| Swivel Truss Mount Kit - fully adjustable for up to 50kg                                                                                                            | 116-201  |                                                                                                                                                                                                     |                                                             |
| <i>*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.</i> |          |                                                                                                                                                                                                     |                                                             |
| Downloads                                                                                                                                                           |          |                                                                                                                                                                                                     |                                                             |

[PDF CAD Drawings](#)

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[Important Information](#)

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