

# FLM HD18

Ultra silent, compact 18k lumens HD projector



**Technische Daten****FLM HD18****Allgemeine technische Daten**

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Lichtausgabe                  | 18,000 center lumens<br>16,000 ANSI lumens                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Auflösung                     | HD 1080 (1920x1080px)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Helligkeitsgleichförmigkeit   | > 90 % for the total screen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Kontrast                      | 1800 : 1 (full field)<br><br>high contrast mode:<br>2400 : 1 (full field)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Display                       | 3-chip DLP HD (1920 x 1080 pixels, aspect ratio 16:9)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Konvergenz                    | Max allowed convergence drift is 0.5 pixel.<br>This is checked on vertical and horizontal midlines only.<br>Corners are not applicable for convergence error.<br>This is measure with TLD 1.2 lens on axis.                                                                                                                                                                                                                                                                                                               |
| Merkmale                      | <ul style="list-style-type: none"><li>■ Picture-in-picture</li><li>■ Seamless switching with effects</li><li>■ Standard light shutter</li><li>■ Rigging points</li><li>■ Carrying handle</li><li>■ High contrast mode</li><li>■ P7 color processing</li><li>■ internal warp module</li></ul>                                                                                                                                                                                                                              |
| Bild-im-Bild                  | 2 sources simultaneously                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Eingänge                      | <ul style="list-style-type: none"><li>■ configurable 5 cable (BNC)</li><li>■ DVI</li><li>■ (HD)SDI (+ loop through)</li><li>■ DVI - HDCP</li></ul>                                                                                                                                                                                                                                                                                                                                                                        |
| Ausgänge                      | HDSDI/ SDI loop out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Kommunikation                 | <ul style="list-style-type: none"><li>■ 1x RS-232C IN (D-9 connector)</li><li>■ 1x RS-232C OUT (D-9 connector)</li><li>■ 1x RS-232C IN (XLR connector)</li><li>■ 2x prop. protocol (RJ45 connector)</li><li>■ xlr and mini-jack for wired remote control</li></ul>                                                                                                                                                                                                                                                        |
| Kompatibilität                | <ul style="list-style-type: none"><li>■ All current video sources (PAL, SECAM, NTSC) in Composite, S-Video, Component or RGB formats</li><li>■ All current HDTV sources</li><li>■ All computer graphics formats from VGA, SVGA, XGA, SXGA, full HD, UXGA to QXGA</li><li>■ Most Macintosh computers</li><li>■ Electronic workstations with a resolution up to QXGA (2048 x 1536 pixels @ 60 Hz)</li><li>■ Most computer sources with a pixel clock up to 300 MHz</li><li>■ DVI sources up to DC2K (2048 x 1080)</li></ul> |
| Eingangsquellenkompatibilität | max. input: up to QXGA (2048 x 1536)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Bildgröße                     | From 1 -12m / 3 -39ft. recommended                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Frequenzen                    | pixel clock >162Mhz (up to QXGA @ 60Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Netzwerk-Verbindung           | 10/100 base-T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Onboard-Display-Server        | Ethernet control standard<br>remote control projector over ethernet via Projector Toolset                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Umgebungstemperatur           | Max 40°C (104°F)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lampe                          | 3.1 kW Xenon<br><br>Warranty universal lamphouse: 750 Hrs                                                                                                                                                                               |
| Lens Shift                     | Vertical: -10% to +110%<br>Horizontal: -30% to +30%<br>(small differences exist per lens type, e.g. short throw lenses have less shift)                                                                                                 |
| Objektiv-Encoder               | On zoom and focus (with TLD lenses)                                                                                                                                                                                                     |
| ScenergiX                      | Standard horizontal & vertical electronic edge blending                                                                                                                                                                                 |
| Staubfilter                    | Dense, high quality microfilters, also available as spare kit                                                                                                                                                                           |
| Geräuschpegel                  | 58 dBA (at 40°C)                                                                                                                                                                                                                        |
| Netzspannung                   | 200 -240 V                                                                                                                                                                                                                              |
| Stromverbrauch                 | 3500 W (with universal lamp)                                                                                                                                                                                                            |
| Wärmeabgabe                    | max 13,300BTU/h                                                                                                                                                                                                                         |
| Gewicht                        | 99 kg (220 lbs)                                                                                                                                                                                                                         |
| Abmessungen                    | WxLxH:<br>707 x 1025 x 548 mm<br>(27.8 x 40.3 x 21.5 inch)<br>incl. carrying handle + rigging points                                                                                                                                    |
| Verpackungs-Abmessungen        | Width: 92 cm<br>Height: 95 cm<br>Depth: 123 cm<br>Floor Space: 1,1316 m <sup>2</sup><br>Volume: 1,075020 m <sup>3</sup><br>Gross Weight: 161 kg                                                                                         |
| Sicherheitsstandards           | Compliant with UL1950 and EN60950                                                                                                                                                                                                       |
| Elektromagnetische Interferenz | complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A                                                                                                                                                           |
| Bestell-Information            | Projector: R9004450<br>Spare lamp: R9854535<br>6-pack dust filters: R9454470<br>24-pack dust filters: R9454480<br>RGB HV module: R9854440<br>FLM/SLM adaptor plate: R9854490<br>FLM carry handle: R9854530<br>FLM flight case: R9854510 |

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