

# Loki

## Theater & Media Room Series



Loki's alluring image quality is unmistakable, right from the very first encounter. Striking and assertive, his soul is a dual laser light engine coupled to award winning DLP technology and world class optics. Loki is unmistakably Barco Residential, precision engineering and manufacture at its finest.



# Loki



THEATER & MEDIA ROOM  
SERIES

## Key features

### Professional-grade optics

By basing Loki's optical engine on our proven Optix architecture, custom designed aspherical glass elements and enhanced low dispersion glass lenses, image quality is in a class of its own. Contrast is not only increased, but the detail within the darkest parts of the image are more visible.

### State-of-the-art electronics

All new "Platinum" electronics have been designed to process 4K with HDMI 2.0a and HDCP 2.2 and the optical engine is utilising the very latest 0.9-inch DMD DLP chipset, delivering 3,840 x 2,160 pixels on screen.

Loki also features HDR, motorised lenses. Featuring Barco's unique RealColor processing, Loki enables simple and accurate calibration to any desired white point or greyscale.

### Laser light source

Outstanding image quality also requires an exceptional light source. Which is why we have packed Loki with a brand new laser engine. Alongside significantly improved image uniformity, lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off. Light output is up to 12,000 lumens.

### Liquid cooling

Loki has departed from a pure fan based cooling system to a liquid cooling PID regulation system, allowing Loki to operate in any angle.

## Technical specifications

<b>Resolution</b>	3,840 x 2,160 px @ 60Hz
<b>Display technology</b>	DLP - 0.9" Single Chip DMD™
<b>Housing</b>	Sealed DMDs and optical assembly
<b>Input compatibility</b>	up to 4K UHD
<b>Light output</b>	T-version: up to 8,500 lumens M-version: up to 12,000 lumens
<b>Contrast</b>	450:1 ANSI (Checkerboard contrast)
<b>Light engine</b>	Laser phosphor
<b>Lenses</b>	0.30 : 1 (EN68) 0.41:1 (UST 90 degree lens) 0.65 : 1 (EN67) 0.80 - 1.21 : 1 (EN66) 0.90 - 1.30 : 1 (EN76) 1.21 - 1.70 : 1 (EN63) 1.70 - 2.50 : 1 (EN61) 2.50 - 4.60 : 1 (EN44) 6.50 - 9.10 : 1 (EN69)
<b>Lens shift range</b>	Varies depending on lens, more than 70% with EN61 & EN63
<b>Inputs</b>	HDMI 2.0, HDBaseT (1.4), DVI, DisplayPort, SDI, DMX
<b>Control</b>	TCP/IP, RS232, RJ45, 12V trigger
<b>Control drivers</b>	Control4, Crestron, RTI and Savant
<b>3D</b>	active stereoscopic 3D Sync 3-pin DIN, BNC (SW upgrade Q4 2018)
<b>Dimensions</b>	577 x 738 x 304 mm / 22.7 x 29.1 x 12 in. (including feet / excluding lens)
<b>Shipping dimensions</b>	720 x 910 x 630 mm / 28,4 x 35,8 x 24,8 in (55kg / 121,3 lbs)
<b>Weight</b>	44.5 kg / 98.1 lbs
<b>Power requirements</b>	110 - 240 V / 50-60 Hz
<b>Power consumption</b>	1600 W nominal, 2180 W maximum
<b>BTU per Hour</b>	Max 6,000 BTU/h
<b>Noise level (typical at 25°C/77°F)</b>	38 dB(A)
<b>Operating temperature</b>	10 - 45°C (sea level)
<b>Operating humidity</b>	20 - 80% RH
<b>Installation</b>	free rotation
<b>Certifications</b>	CE, FCC Class A and cCSAus
<b>Warranty</b>	Limited 3 years parts and labor, extendable up to 5 years

