

# Hodr Cinemascope

Theater Series



courtesy of CONSEXTO in Portugal



Hodr Cinemascope is Njord Cinemascope's little brother and means warrior. Hodr CS delivers perfect cinematic colors, supporting DCI/P3 color gamut, coupled with a high-capacity 2.37:1 aspect DLP engine. Its exceptional design allows a cinemascope film to be shown without requiring an anamorphic lens.

Our Hodr CS features a pleasing and uniform image with the power light up medium to large screens, whilst delivering an unbelievably detailed image with spectacular color fidelity for an unmatched experience that will delight even the most discerning clients.



# Hodr Cinemascope



THEATER & MEDIA ROOM  
SERIES

## Key features

### Single Step Processing SSP™

Pulse is a HW and SW based platform that simplifies and allows the signal to go from the source to screen much faster and more efficiently. We use an advanced image processing technique to display the image on the screen without any artifacts and with close to zero latency, all made possible by what we call Single Step Processing (SSP™)

### State-of-the-art electronics

All new "Pulse" electronics have been designed to process 4K UHD with HDMI 2.0a and HDCP 2.2 and the optical engine is using the very latest 0.9-inch DMD DLP chipset, delivering 5,120 x 2,160 pixels on screen.

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

### Cinemascope

The Hodr Cinemascope has a unique automatic aspect ratio detection function. It will look for cinemascope content and automatically scale the image to fit the 5,120 x 2,160 resolution and revert back to 16:9 (3,840 x 2,160) if you have content in that format. It will also change aspect ratio when scope format movie has a menu outside the active picture frame. You can also switch manually between the different formats.

### Building Blocks

Hodr CS offers 4K UHD resolution for superb image quality. Thanks to its modular design Hodr CS is easy to service.

### Laser light source

Outstanding image quality also requires an exceptional light source which is why we have equipped Hodr CS with a brand new laser engine. Alongside significantly improved image uniformity (95%) the unit is also equipped with custom selected lasers to deliver a DCI/P3 color gamut. Lasers offer longer lifetime than traditional projector lamps, are not as fragile and offer near instant on/off.

## Technical specifications

<b>Resolution</b>	5,120 x 2,160
<b>Display technology</b>	DLP - 0.9" Three-Chip DMD™
<b>Housing</b>	Sealed DMDs and optical assembly
<b>Input compatibility</b>	up to 4K UHD
<b>Light output</b>	up to 5,600 lumens in DCI/P3 mode
<b>Contrast</b>	600:1 ANSI contrast / 20,000:1 Dynamic On/Off contrast
<b>Color space</b>	DCI/P3
<b>Light engine</b>	Laser Phosphor
<b>Laser lifetime</b>	20,000 hours
<b>Lenses</b>	TLD+ 0.41 : 1 Ultra short throw Fixed Lens TLD+ 0.73 - 0.94 : 1 Ultra short throw Zoom Lens TLD+ 0.92 - 1.33 : 1 Ultra short throw Zoom Lens TLD+ 1,24 - 1.56 : 1 Wide Angle Lens TLD+ 1.49 - 2.02 : 1 Wide Angle Lens TLD+ 2.01 - 2.76 : 1 Standard Lens TLD+ 2.69 - 4.41 : 1 Long Throw Lens TLD+ 4.37 - 7.35 : 1 Extra Long Throw Lens TLD+ 6.95 -10.83 :1 Very Long Throw Lens
<b>Lens shift range</b>	Up to 97% shift up for some lenses, 76% down, 28% Horizontal
<b>Inputs</b>	HDMI 2.0, HDBaseT 1.4, DP 1.2, Quad SDI/HDSDI/dual HDSDI/Quad 3G HDSDI/BarcoLink
<b>Control</b>	TCP/IP, RS232, RJ45
<b>Control drivers</b>	Control4, Crestron, RTI and Savant
<b>3D</b>	active eyewear (optional), passive Infitec (optional), passive circular (optional), triple flash up to 200Hz
<b>Dimensions (WxLxH)</b>	540 x 725 x 355mm / 28.54 x 21.26 x 14 in. (including feet / excluding lens)
<b>Weight</b>	48kg / 105lbs (excluding lens)
<b>Shipping dimensions (WxLxH)</b>	850 x 665 x 613 mm / 33.46 x 26.18 x 24.13 in. (including pallet / excluding lens)
<b>Power requirements</b>	110-130V/200-240V, 50-60 Hz
<b>Power consumption</b>	230V: 1178W Max 20-25°C / 68-77°F 110V: 1,235W Max, measured in 20-25°C / 68-77°F
<b>BTU per hour</b>	Max. 4,022 BTU/h @ 200 - 240V Max. 4,216 BTU/h @ 110 - 130V
<b>Noise level (typical at 25°C/77°F)</b>	43 dB(A) (normal)
<b>Operating temperature</b>	0 ~ 40°C / 32 ~ 104°F
<b>Operating humidity</b>	0% - 80%
<b>Installation</b>	Free rotation 360 degrees
<b>Certifications</b>	CE, FCC Class A and cCSAus
<b>Warranty</b>	Limited 3 years parts and labor, extendable up to 5 years

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