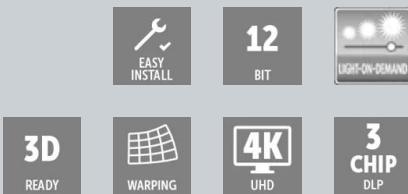


# Hodr

Hodr has a pleasing calm uniform image and is designed for large screens or high ambient light environments.



- Theatre & Media room Series
- 4K UHD Resolution (3840 x 2,160)
- 3-Chip DLP
- Up to 7,500 ANSI Lumens

Hodr delivers perfect cinematic colors, supporting DCI/P3 color gamut.

Our Hodr 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.

#### Single Step Processing SSP™

Pulse is a hardware and software based platform that simplifies the signal allowing it to transmit from source to screen much faster and more efficiently. We use an advanced image processing technique to display the image on the screen without any artefacts and with the lowest possible processing lag (<20ms with all image processing), this is made possible by our Single Step Processing (SSP™).

#### State of the art electronics

All new Pulse electronics have been designed to process 4K with HDMITM 2.0a and HDCP 2.2 and the optical engine utilises the very latest 0.9" DMD DLP chipset, delivering 3,840 x 2,160 pixels to screen. Hodr also features HDR, motorised lenses and Barco's unique RealColor processing, enables simple and accurate calibration to any desired color standard or white point.

#### Building Blocks

Hodr offers 4K UHD resolution (3,840 x 2,160) for superb image quality. Thanks to its modular design of only five building blocks, Hodr is easy to service.

#### Laser Light Source

Outstanding image quality also requires an exceptional light source which is why we designed Hodr with a brand new laser engine, significantly improving image uniformity (95%) over its predecessor. Hodr uses custom selected lasers to secure that we can deliver DCI/P3 color gamut.

Lasers last longer than traditional projector lamps, are not as fragile and offer nearly instant on/off.

**Especificações técnicas****HODR**

| Especificações gerais        |   |
|------------------------------|---|
| Tipo de projetor             | Three chip DLP  |
| Tecnologia                   | 3 x 0.90" DMD™ with sealed core   |
| Resolução                    | 3,840 x 2,160 (4K UHD)  |
| Relação de aspecto           | 1.78:1 (16:9)   |
| Fonte de luz                 | Laser phosphor  |
| Vida útil da fonte de luz    | Up to 20,000  |
| Saída de luz                 | Up to 7,500 ANSI Lumens<br>Dimable to 4,000 lumens  |
| CLO (saída de luz constante) | Yes   |
| Razão de contraste           | 20,000:1 (with DynaBlack enabled)<br>2,000:1 Sequential<br>600:1 ANSI   |
| Uniformidade de brilho       | >90%  |
| Faixa de alcance da lente    | (R9801661) -TLD+ (0.41:1) -90 Degree Lens<br>(R9862001) -TLD+ (0.73 - 0.94:1) -90 Degree Lens<br>(R9801414) -TLD+ (0.92 - 1.33:1)<br>(R9862005) -TLD+ (1.24 - 1.56:1)<br>(R9862010) -TLD+ (1.49 - 2.02:1) *<br>(R9862020) -TLD+ (2.01 - 2.76:1) *<br>(R9862030) -TLD+ (2.69 - 4.41:1) *<br>(R9862040) -TLD+ (4.37 - 7.35:1) *<br>(R9829997) -TLD+ (6.95 - 10.83:1)<br><br>* Standard Lens Option(s) |
| Deslocamento ótico de lente  | Up to 73% vertical lens shift & up to 28% horizontal lens shift (depending on lens selection)<br><br>Visit the Barco Residential Lens Calculator for further information<br><a href="#">Download Lens &amp; Airflow Data Here</a>   |
| Obturador ótico              | Yes   |
| Correção de cores            | P7 RealColor™   |
| Gama de cores                | Up to DCI (P3)  |
| Processamento de imagens     | Embedded Warp & Blend Engine  |
| WARP                         | 4-Corner Warp & Bow Correction via Warp Engine  |
| Orientação                   | 360° Rotation   |
| Conexão de rede              | 10/100 Ethernet via RJ45 connection   |
| Servidor da Web integrado    | Yes   |
| Diagnóstico                  | via Prospector web interface  |
| HDR                          | HDR10   |
| 3D                           | Active Stereoscopic 3D<br>Additional hardware required please contact an authorized Barco representative for details  |

## Especificações técnicas

## HODR

|  |   |
|--|---|
| <b>Entradas</b>                              | 1 x HDMI™ 2.0 (HDCP 2.2)<br>2 x HDBaseT (HDCP 1.4 -9Gbps only)<br>1 x Display Port 1.2<br>Quad 3G / 12G SDI / BarcoLink<br><br>1 x RJ45 Ethernet<br>1 x RS232<br>1 x USB<br>2 x DMX (1 x Input / 1 x Output)<br>1 x XLR for Wired Remote<br>2 x 3D Sync (1 x Input / 1 x Output)<br><br>Optional Upgrade: Quad DP1.2  |
| <b>Resoluções de entrada</b>                 | HDMI™:<br>Up to 4,096 x 2,160 @ 24/25/30/50/60Hz<br><br>DisplayPort (Single Input):<br>Up to 4,096 x 2,160 @ 24/30/50/60Hz<br><br>via Optional Quad DP1.2 Input Card<br><br>DisplayPort (Layout Mode: 2 x 2) *:<br>Up to 1,920 x 1,080 @ 120Hz<br>Up to 2,048 x 1,080 @ 120Hz<br><br>DisplayPort (Layout Mode: 4 x 1) *:<br>Up to 960 x 2,160 @ 120Hz<br><br>* Specialist GFX cards may be required |
| <b>Latência</b>                              | TBD   |
| <b>Controle</b>                              | IR, RS232, IP, 12v Trigger<br>Driver modules available for: Crestron, Control4, RTI & Savant<br><br>WiFi (Optional), XLR Wired Remote, GSM (Optional)   |
| <b>Requisitos de energia</b>                 | 110 -130V / 200 -240V / 50 -60Hz  |
| <b>Consumo de energia</b>                    | 110V: 1,321W Max, measured in 20-25°C / 68-77°F<br><br>230V: 1256W Max 20-25°C / 68-77°F<br><br>Power consumption will increase if ambient temperatures increases above 25°C / 77°F   |
| <b>Nível de ruído (normal a 25 °C/77 °F)</b> | 43 dB(A)  |
| <b>Temperatura de operação</b>               | 0 to 40 °C at Sea Level<br>Optimal Set Point: 20 °C   |
| <b>Umidade de operação</b>                   | 0 to 80% (relative humidity)  |
| <b>BTU por hora</b>                          | Max. 4,288 BTU/h @ 200 -240V<br>Max. 4,516 BTU/h @ 110 -130V  |
| <b>Requisitos de fluxo de ar</b>             | Air Inlet (from Rear w/Feet Down): Front / Top / Right<br>Exhaust (from Rear w/Feet Down): Rear<br><br>Clearance Requirements:<br>Front: 40cm<br>Left: 1cm<br>Right: 40cm<br>Rear: 40cm<br>Top: 40cm  |

**Especificações técnicas****HODR**

|                                  |  |
|----------------------------------|--|
| Fluxo de ar de exaustão          | 152 ft <sup>3</sup> /min @ 25 °C<br>258 m <sup>3</sup> /hour @ 25 °C<br><a href="#">Download Lens &amp; Airflow Data Here</a>  |
| Dimensões (LxPxA)                | Excluding Lens<br>540 x 725 x 355 mm<br>21.26 x 28.54 x 14 in.   |
| Peso                             | Excluding Lens<br>48kg / 105bs   |
| Dimensões da Remessa (L x C x A) | Including Pallet -Excluding Lens (Packaged Separately)<br>850 x 665 x 613 mm<br>33.46 x 26.18 x 24.13 in.  |
| Peso de expedição                | TBD  |
| Acessórios padrão                | Power Cord / Remote Control  |
| Certificações                    | CE, FCC Class A and cCSAus   |
| Requisitos de segurança          | This projector may become Risk Group 3 (RG3) when an interchangeable lens with throw ratio greater than 2.3 is installed.<br>Refer to the installation manual for further information. |
| Garantia                         | Limited 3 years parts and labor<br>Extendable up to 5 years  |
| *                                | Firmware upgradable<br>Please contact an authorized Barco representative for details   |

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Especificações técnicas estão sujeitas a alterações sem aviso prévio. Consulte [www.barco.com](http://www.barco.com) para as últimas informações.