#TheMH29 - Mirror Head 29
BARCO UDX Series

The absolute luminary out now! – Dynamic Projection at its highest brightness ever.

A tool the industry has been waiting for. – You can now align and move projection positions and create fascinating shows with 3-chip DLP laser phosphor large venue projector by BARCO UDX Series, like the UDX-4K32, UDX-W40, UDX-U40 and many more.

Use your projectors to their full potential. – #TheMH29 is the pair of wings for your projector. Now you can easily move projection positions to reach more surfaces and project bright and colourful content across an entire room.

Ideal for staging, rental and touring. – #TheMH29 is 100% stack frame compatible with a quick, easy and secure mounting done in less than a minute while you are on the road.

It is important to note. – #TheMH29 has been designed and is produced in Austria to ensure a high-level of performance. Dynamic Projection Institute has designed this powerful tool to operate at industry-levels of efficiency and we guarantee accurate projection positioning.
SPECIFICATIONS MIRROR HEAD 29 WITH BARCO UDX-4K32

MECHANICAL SPECIFICATIONS WITH UDX-4K32

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture dimensions (W/D/H)</td>
<td>844 x 463 x 1489 mm</td>
</tr>
<tr>
<td>Fixture total with frame</td>
<td>130 kg</td>
</tr>
<tr>
<td>Projector UDX - 4K32 + Lens</td>
<td>98 kg</td>
</tr>
<tr>
<td>Mirror Head MH29</td>
<td>9 kg</td>
</tr>
</tbody>
</table>

PROJECTOR COMPATIBILITY

BARCO 3-chip DLP laser phosphor projectors
UDX - 4K22 / UDX - 4K26 / UDX - 4K32 / UDX - 4K40
UDX - W22 / UDX - W26 / UDX - W32 / UDX - W40
UDX - U32 / UDX - U40 / UDX - 45LC


ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>INPUT POWER</td>
<td>100-240V / 2-1A / 50-60Hz, Max. 10A (3-prong C14 male socket)</td>
</tr>
<tr>
<td>POWER CONSUMPTION</td>
<td>Max. 17W Standby mode 3W</td>
</tr>
</tbody>
</table>

MECHANICAL SPECIFICATIONS WITH UDX-4K32

ITEM NUMBER: MH29

- Package dimensions (W/D/H): 585 x 380 x 380 mm
- Package weight: 10.5 kg
- Package includes: Mirror Head unit, MHZ-LEU lens extension, manual, A/C power cable, 3x half coupler clamps ST812, mounting screws, metric hex key 2 mm and 5 mm

LENSES COMPATIBILITY LIST FOR BARCO UDX SERIES

<table>
<thead>
<tr>
<th>Lens type</th>
<th>R9862010 (+)</th>
<th>R9862020</th>
<th>R9862030</th>
<th>R9862040</th>
<th>R9829997 (+)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLD+ 1.39 - 1.87:1 WUXGA</td>
<td>X</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>TLD+ 1.87 - 2.56:1 WUXGA</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>TLD+ 2.56 - 4.17:1 WUXGA</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>TLD+ 4.17 - 6.95:1 WUXGA</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>TLD+ 6.93 - 10.3:1 WUXGA</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>X</td>
</tr>
</tbody>
</table>

(+) NOTE: Due to optical reasons we recommend a throw ratio above 1.6:1.
MIRROR HEAD SPECIFICATIONS / FEATURES

- High resolution 16bit Pan / Tilt mirror movement
- DMX-512 control over 14 DMX channels
- DMX-IN and DMX-OUT / Through port (5-pin male and female XLR connectors)
- 14 DMX channels are required to control the unit
- Art-Net™ connection (RJ45) (Art-Net™ designed by and Copyright Artistic License Holdings Ltd.)
- High resolution micro step motors with maintenance free direct drive
- Self calibrating mirror position for high accuracy
- Absolute reposition accuracy smaller than 0.03°
- Movement accuracy: Pan and Tilt from the same direction to the programmed point within approximately 0.01°
- Flash-able firmware (Mini USB OTG)
- High resolution LED-Display for easy configuration
- LED-Display back-light auto turn off for energy saving
- LED-Display Flip / Flop mode for easy reading in difficult positions
- Coated mirror for optimum reflection ~98% refraction factor
- Optimized mirror optics for the specific projector
- Passive cooled system (excluding projector)
- Environmental tolerances: Ambient operating temperature range: 5°–35°C, Humidity: 20%–80% (non-condensing)
- Quick, secure and easy snap-in mounting
- Anodized light metal construction

The Mirror Head MH29 and its Base Plate allow four different mounting positions for the Mirror.

CAUTION: Secure the fixture with a safety cable (or other secondary attachments) that is approved for the weight of the fixture, so that the safety cable will hold the fixture if the primary attachment fails.

To protect the environment, please try to recycle the packing material as much as possible.