

# Blend plate motorization

Automatic switching between optimal day and night settings



- Excellent multi-channel blend quality at all times
  - No image degradation during day time scenes
- No image degradation during day time scenes
  - No double blacks during night mode
- No double blacks during night mode
  - Substantial extension of blend plate lifetime
- Substantial extension of blend plate lifetime
  
- Designed for perfect mechanical integration
  - Minimal footprint
- Minimal footprint
  - Compatible with existing Barco blend plates & mounting frame
- Compatible with existing Barco blend plates & mounting frame
  - Motion base compatible
- Motion base compatible

- Barco support for easy system integration
  - Full support embedded in XDS RACU & Golden Alignment
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  - Automatic reversal for additional pinch safety
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  - Standalone functionality possible
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## PRODUCT SPECIFICATIONS

## BLEND PLATE MOTORIZATION

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<b>Interface</b>	USB control interface with unique serial number for identification
<b>Switching Type</b>	<ul style="list-style-type: none"><li>▪ Single unit switches in 20s - this covers the blend plate switch only, not a possible visual system related reconfiguration that might be needed</li><li>▪ A group of 20 units can switch within 1 minute</li><li>▪ Lifetime expectation of more than 60,000 movements</li></ul>
<b>Power supply</b>	90-220V, 1A max
<b>Shock</b>	4G peak during 3x 12.5 ms
<b>Vibration</b>	<ul style="list-style-type: none"><li>▪ Sine: 3G peak (5-30Hz)</li><li>▪ Random: 1G RMS (0-1000Hz)</li><li>▪ In all three axes</li></ul>
<b>Control</b>	<ul style="list-style-type: none"><li>▪ List connected devices</li><li>▪ Status of a specific device (active/deactivated)</li><li>▪ Activate/Deactivate specific device</li><li>▪ Each system has unique ID, independent from USB connectivity and PC, allowing for easy system integration</li><li>▪ Fully embedded inside XDS RACU Golden Alignment settings</li><li>▪ Standalone test tool available for Windows XP and Windows 7 platforms as well, both 32 bit and 64 bit</li></ul>

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**Last updated: 21 Jan 2018**

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.