

# SIM 5H

1080p HD single-chip DLP projector for multi-channel training applications



Barco's SIM 5H projector combines a full 1080p HD resolution with Barco's unique multi-channel optimizations to create a sharp, seamless picture, no matter how many channels.

### Cost-effective high-quality simulation

Thanks to its reliable single-chip DLP technology, the compact SIM 5H offers a cost-effective way to have the image detail required for training applications such as maritime, flight, driving, gunnery and air traffic control (ATC) simulation. For night training scenarios, the SIM 5H can be easily adapted to work with stimulated night vision goggles.

### Optimized for system integration

With the SIM 5H, there is no need to purchase extra peripherals for your multi-channel system because it is specifically designed for multi-channel set-ups and includes:

- **Edge blending** technology creates one continuous image without blurry overlap zones where projections converge.
- **DynaColor** and **linked constant light output (CLO)** ensure the same light and color levels across the entire screen.
- **Warping** (geometry correction) enables accurate projection from different angles and across spherical or curved surfaces.

### High reliability

Barco's SIM 5H projector guarantees a long system lifetime and stable, reliable operations due its sealed optical engine. This prevents dust from degrading its image quality, and helps ensuring that the SIM 5H is today's most cost-effective training and simulation projector available.

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# Technische Daten

<b>Auflösung</b>	1080p HD (1920x1080)
<b>Kontrast</b>	2,000:1
<b>Helligkeitsgleichförmigkeit</b>	90% for the entire screen
<b>Eingänge</b>	<ul style="list-style-type: none"> <li>• 1x Component Video, RGBHV, RGBS or RGSB (5 BNC)</li> <li>• 1x VGA (D15 connector)</li> <li>• 2x DVI-D (Digital Visual Interface - Digital)</li> <li>• 1x Composite Video (BNC)</li> <li>• 1x S-Video (4-pin mini-DIN)</li> </ul>
<b>Ausgänge</b>	1x DVI-D
<b>Kommunikations-Port</b>	RS232 in/out on RJ11 1x mini-jack for wired remote control 1x IR receivers RJ45 (10/100 Base-T Ethernet)
<b>Kompatibilität</b>	<ul style="list-style-type: none"> <li>• All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats</li> <li>• All currently HDTV standards (720i, 720p, 1080i, 1080p)</li> <li>• All computer graphics formats up to WUXGA (1920x1200)</li> <li>• Analog sources with pixel clock up to 270MHz</li> <li>• DVI sources with pixel clock up to 165MHz</li> </ul>
<b>Frequenzen</b>	Horizontal 10kHz - 150 kHz Vertical 30 Hz - 250 Hz
<b>Lampe</b>	2x250 Watt UHP lamp
<b>Lebensdauer der Lampe</b>	1,500hrs (typical) 750hrs or 90 days, whichever comes first (warranted)
<b>Lens Shift</b>	Max. vertiical shift: -25% to +100% Horizontal shift up to 100% (depending on choice of lens, no shift on QCLD 0.85:1 lens)
<b>Leistungsaufnahme</b>	Max. 680 Watt
<b>Wärmeabgabe</b>	Max. 2,500 BTU/hour
<b>Stromversorgung</b>	100 - 240 VAC / 50-60Hz
<b>Gewicht</b>	Net weight, body only: 14,8 kg / 32,6 lbs
<b>Abmessungen</b>	H 195mm (7.67") x W 415mm (16.33") x L 487mm (19.18")
<b>Sicherheitsstandards</b>	Compliant with ETL60950 and EN60950
<b>Elektromagnetische Interferenz</b>	Compliant with FCC rules & regulations, part 15 CE EN55022 Class A and CCC

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Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät.  
Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern.  
Die aktuelle Version dieser Broschüre finden Sie unter [www.barco.com](http://www.barco.com).

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