

# BarcoReality 908

Powerful, ultra-high resolution digital projector with 8" CRTs



## Product specifications

## BARCOREALITY 908

### General specifications

Light output	<p>with standard air coupled HD8 lens: 10 % full white: 1,250 lumens Boost mode: 250 ANSI lumens Normal mode: 210 ANSI lumens Economy mode: 180 ANSI lumens</p> <p>with optional liquid coupled HD117 lens: 10 % full white: 1,100 lumens Boost mode: 180 ANSI lumens Normal mode: 150 ANSI lumens Economy mode: 120 ANSI lumens</p> <p>Measurement method conforms to ANSI IT7.215 standard. Measured with HQF 900 Lens</p>
CRTs	New high brightness, high definition liquid cooled 8" electromagnetic CRTs with a newly designed LC gun
Lenses	<p>New super high definition, air coupled, and fully color corrected F1.1 lenses, optimized for particular screen sizes</p> <p>Standard Lens HD8: Screen width from 4.6 ft./1.4 m up to 19.6 ft./6 m Optical resolution 10 line pairs/mm 1600 x 1250 ANSI pixels</p> <p>Optional lenses HD117-12: Screen width from 2.0 ft./0.6 m up to 5.0 ft./1.53 m</p> <p>HD117-24: Screen width from 5.0 ft./1.53 m up to 22.3 ft./6.8 m</p> <p>HRQ 804: Screen width from 4.6 ft./1.4 m up to 19.6 ft./6 m radius: 9.8-16.4 ft./3-5m</p>
Scan Frequencies	Horizontal: 30-180 kHz autolock Vertical: 37-240 Hz autolock
Minimal Retrace Time	Horizontal: < 1.8 µs in range 30-130 kHz < 1.1 µs in range 90-180 kHz (switching point adjustable between 90 and 130 kHz)
	Vertical: < 200 µs
Max. Addressibility	3,200 x 2,560 pixels
RGB Bandwidth	180 MHz
Accommodates digital clock rates over	360 MHz
Horizontal linearity	< ±0.25% distortion @ 1280 x 1024 with convergence on green option < ±1.5% distortion throughout the full horizontal frequency range
Inputs	<ul style="list-style-type: none"><li>• RGB or (Y, R-Y, B-Y) input on 5 BNC-connectors, with automatic sync detection and sync polarity, with sync on green or separate sync</li><li>• RGB analog input on D15-connector, with automatic sync detection and polarity</li></ul>
Remote control	<p>A backlit, user-friendly infrared remote capability to control:</p> <ul style="list-style-type: none"><li>• Source switching</li><li>• User settings per source (brightness, contrast, color, hue, sharpness)</li><li>• Geometry per source (password protectable)</li><li>• Convergence per source (password protectable)</li></ul> <p>An optional executive remote control unit is available for control of source switching and user settings per source.</p>
Power	Power factor corrected ranging between 100 and 240 VAC +6%/-10%
Power consumption	800 w max.
Electromagnetic Interference	<p>The BarcoReality 908 complies with the principal protection requirements of Council Directive 89/336/EEC (EMC Directive).</p> <p>The BarcoReality 908 also complies with FCC Rules &amp; Regulations 47 CFR Ch1 Part 15 Class A.</p>
Safety Regulations	The BarcoReality 908 complies with UL1950 and EN60950.
Radiation Regulations	The BarcoReality 908 complies with DHHS radiation emission standards 21 CFR Subchapter J.
Optional	<ul style="list-style-type: none"><li>• Convergence on green</li><li>• Geometry Lite</li><li>• Geometry advanced</li><li>• SEMU Advanced/Multifacet</li><li>• Digital Contrast Modulation</li></ul>

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