

BarcoReality 908 Split Pack

8" CRT projector designed to meet limited-space requirements for immersive Simulation and V&AR display applications



- This unique feature offers digital control over all geometry, convergence, focus and astigmatism adjustments. The (patented) morph-interpolation algorithm enhances the digital waveform by suppressing all artifacts and generating smooth transitions. Convergence is adjustable in 81 independent zones as well as 25
- Digitally controlled 6-poles offer advanced digital beam correction. BARCO's TSN beam spot uniformity enhancement guarantees superb focus quality across the entire projected image.
- Digital enhancement of the overall focus quality of the projected image
- BARCO offers a series of special options for other applications (multi-screen applications, non-standard projection angles,...).
 - 3 levels of geometry correction (Standard, Extended, Advanced Extended)
 - Field extensions
 - Optional convergence on green
 - SEMU Soft Edge Modulation Unit
 - Digital Contrast ModulationAnd many other application specific optimizations. Please contact us for more details
- This technique produces seamless screen transitions so the user can focus on objects and perceive them as true-to-life as possible.
- The output signal is corrected for maximum uniformity from center to edge for each screen. A superior color uniformity is achieved through modulation of the video signals with appropriate waveforms.

Product specifications

BARCOREALITY 908 SPLIT PACK

General specifications

Resolution	10 Line pairs/mm optical 1600 x 1250 ANSI pixels
Lenses	Standard: High definition hybrid F1.1 color corrected short throw liquid coupled lenses Optional: Air coupled F1.1 lenses delivering a higher light output
Light output	With standard high definition hybrid F1.1 lens: <ul style="list-style-type: none">• Boost mode: 180 lumens• Normal mode: 150 lumens• Economy mode: 120 lumens 10% full white, 1,100 lumens With optional air coupled F1.1 lens: <ul style="list-style-type: none">• Boost mode: 250 lumens• Normal mode: 210 lumens• Economy mode: 180 lumens 10% full white, 1,250 lumens
Minimal Retrace Time	Horizontal: switching point adjustable between 90 and 130 KHz Vertical:
Scan Frequencies	Horizontal: 30-180 KHz Vertical: 37-240 Hz
Max. Addressability	3200 x 2560 pixels
RGB Bandwidth	180 Mhz
Horizontal linearity	< \pm 0.25% distortion @ 1280 x 1024, 60 Hz with convergence on green option < \pm 1.5% distortion throughout the full horizontal frequency range
Inputs	<ul style="list-style-type: none">• RGB input on 5 BNC connectors, with automatic sync detection and sync polarity, with sync on green or separate sync• Second RGB analog input on D15-connector, with automatic sync detection and polarity
Power	Power factor corrected ranging between 100 and 240 VAC +6%/-10%
Power consumption	800 W max.

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