

BarcoGraphics 908

Economical, high-resolution digital projector with 8" CRTs



PRODUCT SPECIFICATIONS

BARCOGRAPHICS 908

Light output	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 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 Measurement method conforms to ANSI IT7.215 standard. Measured with HQF 900 Lens
CRTs	New high brightness, high definition liquid cooled 8" electromagnetic CRTs with a newly designed LC gun
Lenses	New super high definition, air coupled, and fully color corrected F1.1 lenses, optimized for particular screen sizes 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 Optional lenses HD117-12: Screen width from 2.0 ft./0.6 m up to 5.0 ft./1.53 m HD117-24: Screen width from 5.0 ft./1.53 m up to 22.3 ft./6.8 m 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
Scan Frequencies	Horizontal: 30-110 kHz autolock Vertical: 37-240 Hz autolock
Minimal Retrace Time	Horizontal: < 1.8 µs Vertical: < 200 µs
Max. Addressability	2,000 x 1,750 pixels
RGB Bandwidth	120 MHz
Accommodates digital clock rates over	240 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">• 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• RGB analog input on D15-connector, with automatic sync detection and polarity
Remote control	A backlit, user-friendly infrared remote capability to control: <ul style="list-style-type: none">• Source switching• User settings per source (brightness, contrast, color, hue, sharpness)• Geometry per source (password protectable)• Convergence per source (password protectable) An optional executive remote control unit is available for control of source switching and user settings per source.
Power	Power factor corrected ranging between 100 and 240 VAC +6%/-10%
Power consumption	800 W max.
Safety Regulations	The BarcoGraphics 908 complies with UL1950 and EN60950.
Electromagnetic Interference	The BarcoGraphics 908 complies with the principal protection requirements of Council Directive 89/336/EEC (EMC Directive). The BarcoGraphics 908 also complies with FCC Rules & Regulations 47 CFR Ch1 Part 15 Class A.
Radiation Regulations	The BarcoGraphics 908 complies with DHHS radiation emission standards 21 CFR Subchapter J.
Optional	<ul style="list-style-type: none">• Convergence on green• Geometry Lite• Geometry advanced• SEMU Advanced/Multifacet• Digital Contrast Modulation

Last updated: 02 Mar 2021

Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.