

Baron

High-performance Projection Table



Product specifications

BARON

General specifications

Light output	At 10% peak white: 603 Nit/176 ftL ANSI lumen: Economy mode: 62 Nit/19 ftL Normal mode: 91 Nit/27 ftL Boost mode: 103 Nit/31 ftL
CRTs	High resolution 8" CRTs with electro-magnetic focus and digitally controlled 6 pole dynamic astigmatism. Resolution: 10 Line pairs/mm optical 1600 x 1250 ANSI pixels
Screen	- Size: 67" (1.7m) diagonaal - DAB (Diffuse and Bright) Screen - Viewing angle (50% brightness): Horizontal: +/-22° Vertical: +/-23°
Scan Frequencies	Horizontal: 30-180 KHz Vertical: 37-240 Hz
Minimal Retrace Time	Horizontal < 1.1 µs in range 90-180 KHz < 1.8 µs in range 30-130 KHz switching point adjustable between between 90 and 130 KHz Vertical < 200 µs
Max. Addressibility	3200 x 2560 pixels
RGB Bandwidth	180 MHz
Horizontal linearity	< +/-0.25 % distortion @ 1280 x 1024, 60 Hz with convergence on green option < +/-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 syncSecond RGB analog input on D9 connector, with automatic sync detection and sync polarityOptional: Video input (PAL, SECAM, NTSC 3.58, NTSC 4.43) with Line Doubling/Quadrupling capabilities
Special Features	<ul style="list-style-type: none">CRT drive in 3 modes: normal mode, economy mode for longer lifetime of the CRTs, and boost mode for special applications32 frequency-related memory banksLDI (linear digital interpolation)Ability to set parameters to midpositionColor temperature adjustment (3200 K, 4900 K, 6500 K or custom)25 coarse and 81 fine convergence zonesProprietary Digital wave form generation for Geometry and convergenceSelf diagnostic capabilities, accessible through on-screen menu and RS232 connectionTriangular Spot Nullifying'Fast phosphor' green CRT for VR stereoscopic projectionDigital contrast modulation
Optional	Standard green phosphor tube for non-stereoscopic projection
Power	Power factor corrected ranging between 100 and 240 VAC +6%/-10%
Power consumption	800 W max
Safety Regulations	The BarcoReality 908 complies with UL 1950 and EN 60950
Electromagnetic Interference	The BarcoReality 908 complies with FCC part 15 Class B (110 V version) and CE EN55022 Class B (220 V version)
Weight	+/-170 kg (375 lbs)

Last updated: 09 Jul 2024

© 2024 Barco nv. All rights reserved. Reproduction in whole or in part without written permission is prohibited. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Due to continued innovation, information and technical specifications are subject to change without prior notice. Please check www.barco.com for the latest specifications.