

BarcoReality 912

Powerful, 12" CRT projector with unsurpassed brightness



Thanks to its unique 12" CRT tubes, the BarcoReality 912 (BR 912) is breaking new ground for the CRT technology. The 500 ANSI lumen of the BarcoReality 912 more than doubles the conventional light output of most 'high-performance' CRT projectors available today. The electronics of the BarcoReality 912 can handle the most severe geometric corrections for high demanding applications such as: simulation, VR planetaria, design centers, ultra-high performance graphics,...

Very High Resolution Images

The BarcoReality 912 renders high resolution large screen images with unprecedented visual fidelity

- Compatibility with workstations up to 3,200 by 2,560 pixels
- Horizontal autolock scan frequency range of 30-180 kHz
- 180 MHz RGB amplifier
- Ultra-high definition 12" electromagnetic focus CRTs with digitally controlled dynamic astigmatism guarantee razor sharp images
- TSNTM 6-pole focus astigmatism correction

Unequaled Flexibility

- Mosaic geometry correction: Flat, Curved, Off axis
- Digital image correction optimized for curved screens and multi-channel setups
- Different lenses are available, optimized for screens with sizes ranging from 2,0 m (6.6 ft.) to 10 m (32.8 ft.) wide, including curved screens
- Built-in Scheimpflug optical correction, with stepless adjustment, for optimal optical focus for off-axis projection
- Optional Digital AutoImage[®] automatic alignment system aligns all geometry and convergence parameters
- Optional 3D & Stereoscopic optimized phosphors

BARCO

Visibly yours

Technische Daten

Lichtstrom	ANSI lumen: <ul style="list-style-type: none"> • Economy Mode: □350 lumens • Normal Mode: □410 lumens • Boost Mode: □500 lumens
CRTs	High brightness, ultra-high definition liquid cooled 12" electromagnetic focus CRTs
Optiken	Ultra-high definition, fully color corrected, liquid cooled lenses
Bildgröße	Min.: 2.0 m x 1.8 m □ (6.6' x 5,9') Max.: 10 m x 7.5 m □ (32.8' x 24.6')
Frequenzen	Horizontal: 30 - 180 kHz autolock Vertical: 37 - 240 Hz autolock
Minimale Rücklaufzeit	<ul style="list-style-type: none"> • Horizontal: < 1.1 µs in range 90-180 kHz < 1.8 µs in range 30-130 kHz (switcing point adjustable between 90 and 130 kHz) • Vertical: < 200 µs
RGB-Bandbreite	180 MHz [-3 dB]
Horizontale Linearität	< ±0.5 % distortion @ 1280 x 1024 (60Hz) with convergence on green option < ±1.5 % distortion throughout the full horizontal frequency range
Eingänge	<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 D9- connector, with automatic sync detection and polarity (optional D9-BNC adapter available)
Max. Adressiermöglichkeiten	3,200 x 2,560 pixels
Leistungsaufnahme	1,100 W
Elektromagnetische Interferenz	The BarcoReality 912 complies with CE EN55022 class B
Sicherheitsstandards	The BarcoReality 912 complies with UL 1950 and EN60950