

Ultra Reality 7000

The compact, high resolution projection solution



- The ideal projector for displaying high resolution satellite maps, medical images, engineering designs as well as high-definition video, thanks to its UXGA panels (1600 x 1200 pixels) and its enhanced color uniformity.
- Show one data and one video image simultaneously. Presenters will be able to bring over the message more effectively by displaying multiple information sources simultaneously.
- Seamless switching. Switch sources on-the-fly without distracting on-screen warning messages or irritating waiting intervals. Switch to another source, faster than you can switch TV channels, thanks to extreme powerful image processing. Switch sources using special transition effects. Use special effects like box-in/out or vertical curtain to change sources. Make sure your logo is always there! With one click on the remote control, you can switch from the display source to a full-color rendition of your logo or to another image you have chosen. This way the screen never goes black during intermissions or long discussions.
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- The UR7000 projector allows you to digitally zoom inside a window and scroll for the details you want to emphasize, depending on the original 'source' resolution (this can go up to QXGA!). All actions take place without freezing the image, thanks to the UR7000's real-time image processing capability.
- The BARCO ULTRA REALITY 7000 features configurable BNC inputs and displays brilliant, ultra-high resolution images from virtually any computer or video (analog/digital) source:
 - Analog video sources: All VHS, S-VHS, Component(Y, R-Y, B-Y) and RGB formats, HD-ready
 - Data sources: computers and workstations with a resolution of up to 2048 x 1536 pixels
 - Digital Visual Interface (DVI) (up to U-XGA)
 - Serial Digital Input (SDI)
 - Optional High Definition Serial Digital Input (HDSDI)

Технические характеристики

ULTRA REALITY 7000

Общие характеристики	
Светоотдача	3,500 ANSI Lumen Brightness uniformity: >80 % for the total screen
ЖК-панели	3 active matrix 1.8" diagonal U-XGA polysilicon LCD panels with Micro Lens Arrays and a resolution of 1600 x 1200 pixels (aspect ratio 4:3).
Лампа	600 Watt metal-halide arc lamp
Доступные объективы	<ul style="list-style-type: none">· Fixed focal length lenses are available with a throw ratio of 1.27, 2.5 or 7.0:1.· Variable focus lenses with a throw distance of 1.4-2.0, 2.1-3.0, 3.4-4.5 or 4.5-6.0 times the screen width· Lenses with a very short-throw ratio of 0.8:1, specially designed for rear-screen on-axis projection.
Ширина экрана	From 1-6 m/3-20 ft., except for the QGD (0.8:1) lenses
Уровень контрастности	>800 : 1 (full white/full black)
Частота сканирования	Horizontal 15 kHz -115 kHz Vertical 25 Hz -150 Hz
Совместимость	The Barco Ultra Reality 7000 is compatible with: <ul style="list-style-type: none">▪ All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats▪ All currently proposed HDTV, extended and improved television standards (1080i, 720p)▪ All computer graphics formats from VGA to Q-XGA▪ Most Macintosh computers▪ Electronic workstations with a resolution up to 2048 x 1536 pixels / 60 Hz▪ Most sources with a pixel clock up to 220 MHz▪ DVI sources up to U-XGA
Входы	1x Configurable 5-Wire (BNC) for: Composite Video, S-Video, Component Video and RGB. 1x 5-Wire (BNC) for RGB 1x Video (BNC or RCA) 1x S-Video (BNC or 4-pin mini-DIN) 1x DVI (Digital Visual Interface) 1x Serial Digital Input/Output (SDI) Optional: 1x HD-Serial Digital Input/Output
Коммуникация	2x D9 connectors for RS232 In/Out 1x 10Base-T Ethernet connector for network option 1x Mini-jack for Wired Remote Control 2x IR receivers (front + back)
Особенности	<ul style="list-style-type: none">· Picture-in-Picture (one data and one videosource)· Seamless switching and transition effects (boxin/out, curtains, etc.)· Easy upload of logoscreen· Blanking and keystone correction· Enhanced color uniformity
Мощность переменного тока	Power factor pre-regulated SMPS, 95-230 VAC +/-10% / 50-60Hz
Энергопотребление	900 Watt
Рассеяние потребляемой энергии	< 3,075 BTU/hour
Правила безопасности	Compliant with UL1950 and EN60950
Электромагнитная совместимость	BARCO's Ultra Reality 7000 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B
Вес	Net weight: Body only 17.7 kg / 39.0 lbs Shipping weight: max. 29 kg / 63.9 lbs

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