

Ultra Reality 7000

The compact, high resolution projection solution



The **Barco Ultra Reality 7000 (UR 7000)** combines ultra high-resolution, enhanced contrast and advanced digital signal processing. It delivers compelling visual presentations with superb detail and clarity.

With its high performance **U-XGA LCD panels** and **3,500 lumens brightness** the Barco Ultra Reality 7000 is the ideal projection solution to display large spreadsheets, technical drawings, high resolution satellite maps, medical images as well as high-definition video.

BARCO

Visibly yours

Product specifications

Ultra Reality 7000

Light output	3,500 ANSI Lumen Brightness uniformity: >80 % for the total screen
LCD panels	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).
Lamp	600 Watt metal-halide arc lamp
Available Lenses	<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.
Screen Width	From 1-6 m/3-20 ft., except for the QGD (0.8:1) lenses
Contrast ratio	>800 : 1 (full white/full black)
Scan Frequencies	Horizontal 15 kHz - 115 kHz Vertical 25 Hz - 150 Hz
Compatibility	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
Inputs	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
Communication	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)
Special Features	<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
AC power	Power factor pre-regulated SMPS, 95-230 VAC +/-10% / 50-60Hz
Power consumption	900 Watt
Power Dissipation	< 3,075 BTU/hour
Safety Regulations	Compliant with UL1950 and EN60950
Electromagnetic Interference	BARCO's Ultra Reality 7000 complies with FCC rules & regulations, part 15 Class B and CE EN55022 Class B

Product specifications

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Weight

Net weight:
Body only 17.7 kg / 39.0 lbs
Shipping weight: max. 29 kg / 63.9 lbs