

Barco Residential

Solutions overview

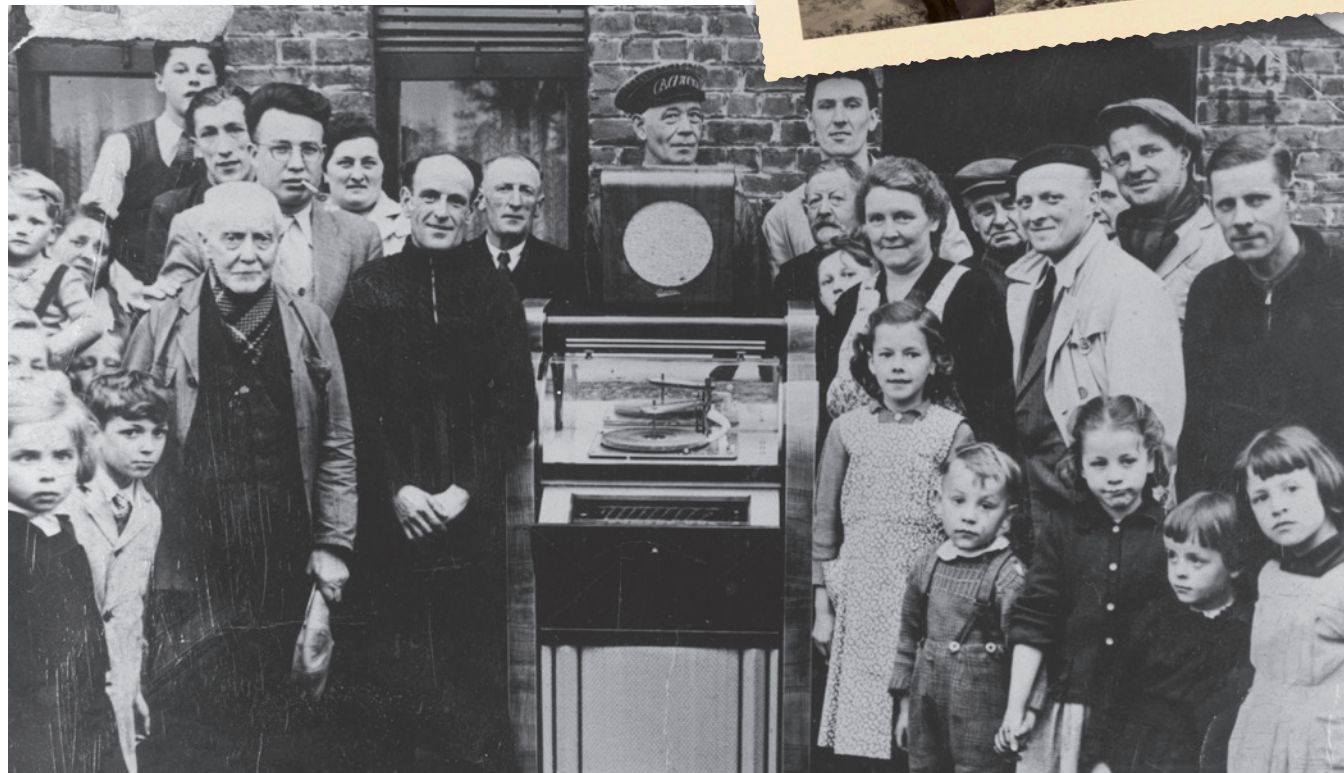


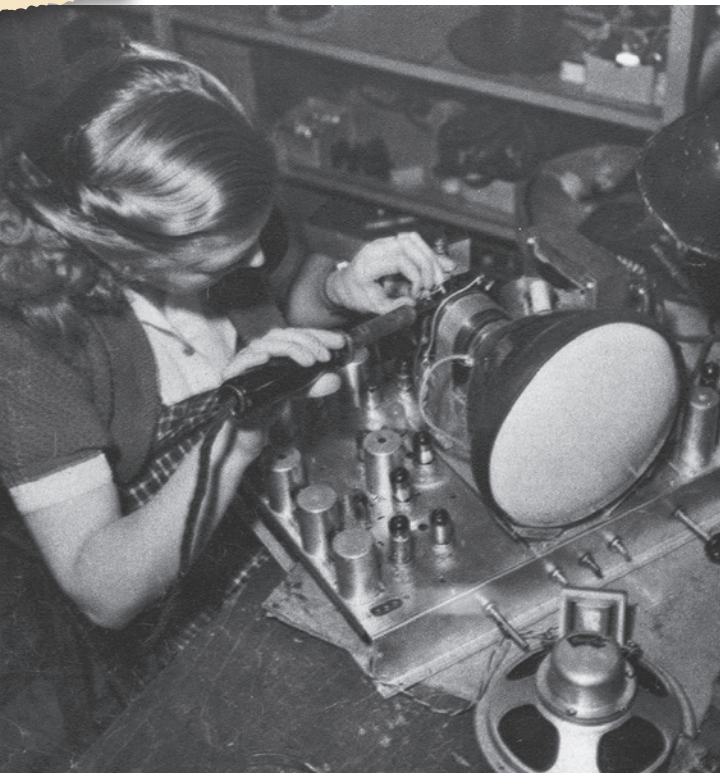
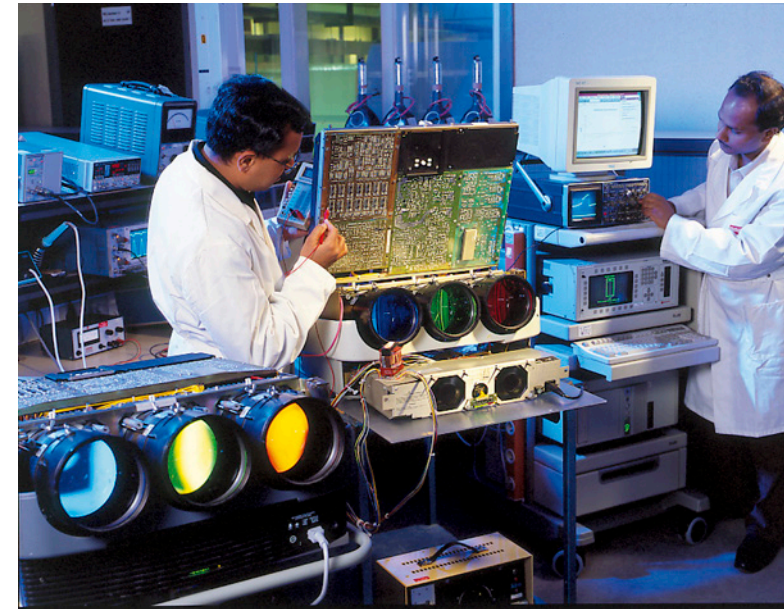
A history of innovation



Your family's essential friend

With that baseline, Lucien Depuydt promoted the radios that he manufactured in his workshop, in the Belgian town of Poperinge. From its early origins, building high-end radios - and, later, televisions - in those fantastic wooden cabinets that were genuine works of art in themselves, the small 'Belgian American Radio Corporation' (Barco) - founded in 1934 - grew to be a global leader thanks to its constant quest for innovation.





Going back to our roots

Today, Barco is a worldwide technology pioneer in a variety of high-end professional visualization applications. Did you know that over 40% of the world's commercial cinema screens are powered by Barco projection?

Celebrating Barco's unique 80-year pedigree, Barco Residential is a return to our origins – bringing the best image and sound technologies out there to the finest residences, and once again becoming 'Your family's essential friend'.



Craftsmanship runs through our veins

Barco Residential projectors are designed and built in our technology centers in Belgium and Norway. Belgium is home to the world's finest chocolates and traditionally brewed beers, while Norway is renowned for its Scandinavian design heritage. Know-how and craftsmanship not only belong to our culture, they're part of our DNA.





The choice of movie professionals

Building on Barco's acclaimed postproduction and digital cinema projection technology, Barco Residential draws on the experience of movie professionals and cinematographers. Our projectors guarantee flawless representation of every minute detail and a life-like portrayal of colors.

What better way is there to guarantee movie connoisseurs the highest level of performance than by employing the same technology to project a film that the moviemakers use to make it?



A masterpiece of engineering

The state-of-the-art Barco Residential projectors are developed, manufactured, and treasured in our design centers in Belgium and Norway. They're designed from the ground up with one goal in mind - to show the best possible images in any setting. From purpose-built full glass lenses and optics, to custom-made electronics processing and boards, all parts are specially crafted.



Where technology leadership meets architecture

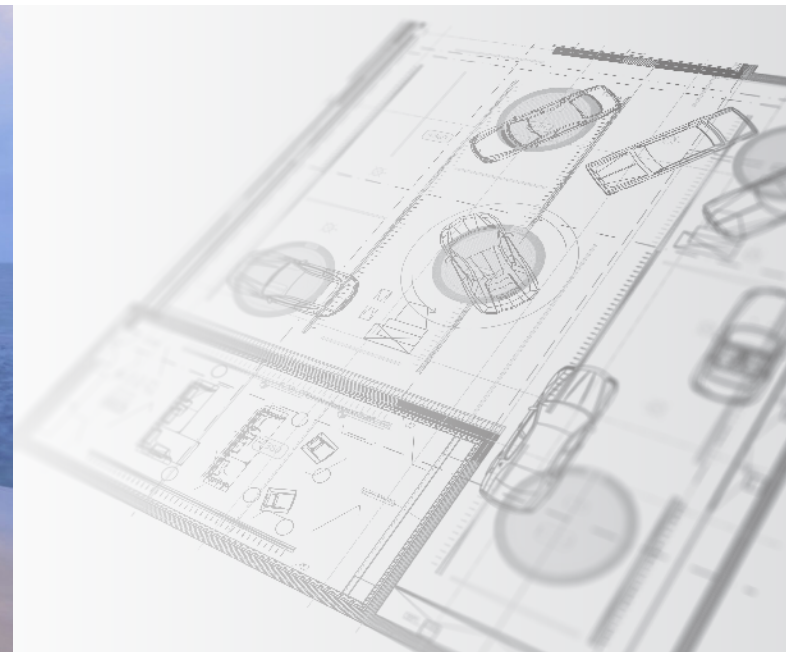
Barco Residential brings innovative visual experiences to all areas of the finest residences, combining technology leadership with architecture and interior design. Be inspired by some of these application-based solutions, built by our custom integration partners, using our established components and process to create a fully integrated solution that suits your home perfectly.

Architectural Integration

Households or Yachts are no longer looking for just any old home-theater-in-a-box or a projector hanging from a pole in the ceiling. Each residence has a different set of circumstances, and customers are looking for ways to adopt a big screen in more of their living spaces than ever before. The new trend

is for more customized and architecturally integrated video solutions that go above and beyond what any mass-produced TV or home theater solution can offer. Together with our partners, Barco Residential is in the forefront of creating these industry-wide changes.

Hide everything except the image philosophy means that we make every effort to integrate systems without disturbing the natural state of the client's residence. Custom, integrated solutions provide the best possible viewing experience, in which you don't





need to see the projector to create a large image in your superb home and outstanding yacht.

Barco Residential have a simulation class WARP engine, a liquid cooled PID regulation system and close to unlimited installation flexibility. Along with a wide range of lenses and free rotation options, whether you want ultra-wide on axis or way off axis long throw, or even short throw off axis rear projection.

Together with our partners Barco Residential we create unique experiences to be shared with loved ones in the world's most exquisite homes and yachts.



M



T



C



Projection technology beyond compare

Media room series

Optimized for environments with greater ambient light, the Media room range offers a substantial increase in brightness compared to their T series counterparts, delivering excellent image quality in adverse lighting conditions. Perfectly suited for rooms where fun and entertainment are the order of the day.

Theater series

Tailored to dedicated theater rooms or controlled light environments, the Theater projectors are designed for the true cinephile who desires accurate images and consistent Rec. 709 or DCI/P3 color performance, as intended by the movie director. Some models have the option for the user to choose between the two color spaces.

Cinema at home series

These exceptional projectors are the ultimate expression of Barco Residential's unwavering dedication to craftsmanship and image quality. Built with the best professional cinema technologies and fully DCI compliant, they have been exclusively enhanced for the home environment. The choice of film professionals, they epitomize everything Barco Residential stands for.





The collection



Barco Medea MKII

4K UHD resolution, 6,500 lumens of laser illumination and custom Barco Pulse electronics, all painstakingly optimised and produced in our European design centers to deliver unprecedented fun in small to medium sized media rooms. Just as the mythical Medea flew in a golden chariot driven by dragons (sent by her grandfather Helios, god of the sun) our Medea will bring life to fantasy.

Light output:

M Version up to 6,500 lumens

Dimensions: (d x w x h)

(d x w x h) 680 x 480 x 227 mm (excluding lens)



Barco Bragi Cinemascope

Bragi Cinemascope is taking its name from an historical ninth-century poet. His poems were so outstandingly artful and moving that subsequent generations imagined that, upon his death, Odin had appointed him the court poet of Valhalla. Bragi is also Balders brother and inherited Balders design language, optical core and lenses. Bragi will have the same PULSE electronic and SW platform powered by a revolutionizing new LED engine.

Light output:

(T version) up to 2,100 lumens

Dimensions: (d x w x h)

(d x w x h) 450 x 457 x 244 mm / 17,7 x 18,0 x 9,6 in (excluding lens)



Barco Balder

A divine force, Barco Balder brings beauty and life to the most refined home cinema and media rooms. Manufactured to perfection in Norway, Balder is forged from the finest components such as aluminium and glass. Balder not only shares the same Ultra HD and HDR 10 compatible electronics as his big brother Loki, the optical design and new single laser engine are also derived from the Loki platform.

Light output:

T Version up to 5,000 lumens, M Version up to 7,100 lumens

DCI/P3 option 4,000 lumens

Dimensions: (d x w x h)

(d x w x h) 593 x 475 x 286 mm (excluding lens)





Barco Balder Cinemascope

Balder Cinemascope fuses together the world's finest optical components with the imaging device technology chosen by 8 out of 10 professional cinemas, DLP, our unique PULSE electronics platform and in-house designed laser engine. It is the cornerstone of a home cinema system designed to deliver the most outstanding of experiences in the world's finest homes and yachts.



Light output:

T Version up to 4,000 lumens, M Version up to 5,600 lumens

DCI/P3 option up to 3,600 lumens

Dimensions: (d x w x h)

(d x w x h) 593 x 475 x 286 mm (excluding lens)



Barco Loki

Loki's alluring image quality is unmistakable, right from the very first encounter. Striking and assertive, his soul is a dual laser light engine coupled to award winning DLP technology and world class optics. Loki is unmistakably Barco Residential, precision engineering and manufacture at its finest.



Light output:

T version up to 8,500 lumens, M version up to 12,000 lumens

DCI/P3 option up to 5,700 lumens

Dimensions: (d x w x h)

(d x w x h) 730 x 575 x 275 mm (excluding lens)



Barco Loki Cinemascope

The Barco Loki CinemaScope offers the same Ultra HD enhancements as the Barco Loki projector, coupled with a high-capacity 2.37:1 aspect DLP engine. Its exceptional design allows a 2.35:1 fi lm to be shown without requiring an anamorphic lens. The projector also provides Barco's renowned single step image processing and low latency scaling technologies.



Light output:

T version up to 6,500 lumens, M version up to 7,800 lumens

DCI/P3 option up to 5,100 lumens

Dimensions: (d x w x h)

(d x w x h) 730 x 575 x 275 mm (excluding lens)



Barco Athena

The Barco Athena projector brings DCI technology home to smaller spaces. As the projection goddess of reason, intelligent activity, arts, and literature, her compact footprint and quiet operation are especially suited to smaller dedicated home cinemas that desire image perfection and DCI compatibility.

Light output:
4,500 lumens

Dimensions (D x W x H):
(d x w x h) 664 x 689 x 369 mm (excluding lens)



Barco Zeus

Delivering the luxury, craftsmanship and renowned image quality of Barco's Cinema at Home product range in a compact form factor. Barco Zeus's hermetically sealed DMDs and optical assembly guarantee outstanding reliability and thanks to our acclaimed analog color convergence mechanism, crisp images are maintained over time. Xenon lamps offer vibrant colours and motorized high contrast lens options ensure not just a perfect image, but also accurate ratios.

Light output:
8,000 lumens

Dimensions (D x W x H):
(d x w x h) 925 x 626 x 325 mm (excluding lens)



Barco Prometheus I

Barco Residential's flagship projector is based on our unique know-how as a market leader in professional cinema and post-production projection. Exclusively created for high-end home theaters, it features the latest 4K DLP® chipsets from Texas Instruments and the acclaimed Barco Alchemy Integrated Cinema Media Processor (ICMP), to faithfully reproduce even the subtlest nuance of color and detail on screen.

Light output:
6,500 lumens

Dimensions (D x W x H):
Projector: 604 x 754 x 1129 mm (23.78 x 29.69 x 44.45 inches)





Barco Prometheus III

Barco Residential's Prometheus III projector is based on our unique know-how as a market leader in professional cinema and post-production projection. Exclusively created for high-end home theaters, with more contrast and a wider color gamut. It features the latest 4K DLP® chipsets from Texas Instruments and the acclaimed Barco Alchemy Integrated Cinema Media Processor (ICMP), to faithfully reproduce even the subtlest nuance of color and detail on screen.

Light output:

11,500 lumens



Dimensions (D x W x H):

Projector: 754 x 1129 x 604 mm (29.69 x 44.45 x 23.78 inches)

Cooler: 561.5 x 738.5 x 348 mm (22.11 x 29.07 x 13.7 inches)



Barco Thor

Barco Thor represents the pinnacle of Barco Residential's projection portfolio. Thor, the hammer wielding god of lightning, brings true, direct laser projection to the most exclusive homes for the first time. His perfectly designed 15,000-lumen output, hermetically sealed 4K DLP® engine delivers reality altering levels of immersion for the finest home cinemas.

Light output:

15,000 lumens



Dimensions (D x W x H):

Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens)

Chiller with the following dimensions: 701 x 701 x 800 mm / 27.6 x 27.6 x 31.5 inches



Barco Thor+

The Barco Thor platform represents the pinnacle of Barco Residential's projection portfolio. Thor+, the hammerwielding god of lightning, brings true, direct laser projection to the most exclusive homes for the first time. The perfectly designed 32,000-lumen output, hermetically sealed 4K DLP® engine delivers reality altering levels of immersion for the largest home cinemas.

Light output:

32,000 lumens



Dimensions (D x W x H):

Projector: 744 x 1,445 x 706 mm / 29.3 x 56.9 x 27.8 inches (with feet, no lens)

Two chillers, each with the following dimensions: 701 x 701 x 800mm / 27.6 x 27.6 x 31.5 inches



residential@barco.com

www.barcoresidential.com