

# G-series

Single-chip laser phosphor projectors for visitor attractions and small events



*Pictures courtesy of Jo Strick*



# Sometimes all you need is a good

From simple to complex, there's a Barco projector for every project. The G-series expands the Barco single-chip offering with ten projectors between 6 and 22K lumens to meet the needs of any installation with a cost-effective solution. With premium value and uncompromised quality, the G50, G60, G62 and G100 enable you to treat your audiences to compelling experiences that leave a lasting impression.



## From simple to complex

The G-series projectors bring **uncompromised laser projection** at a very **competitive pricing**. It opens up the possibilities to a wider range of applications. Because sometimes all you need is just a good projector...

...and even if that's not the case, the uniform **compact size and wide lens range** of the G-series models allow for **optimal configuration options and seamless integration** in more complex installations.

And with the G100, you can even rely on our single-chip offering for **brightness levels up to 22.000 lumens!**

## User-friendly

The G-series is supported by the Barco's Projector Toolset, our user-friendly software allowing for **easy installation and maintenance**.

Comprising various tools for brightness settings, diagnostics, image adjustment, picture-in-picture and image control, Barco's PToolset is an indispensable tool for **efficient projector management**.

The G-series **blending and warping** capabilities make the projectors a perfect fit for multi-channel media-based attractions like dark rides, domes, theatres and projection mappings.

## Great Barco service

The G-series projectors come with the valued Barco **service and support** that has proven its benefits in the past.

A simple swap based service model means in the unlikely event of a failed projector a swap unit will be shipped next business day. You can also opt for our Essential care service contract that gives you additional benefits beyond the standard warranty.

There's a professional manual and extensive installation guide available. And for additional questions, you can always reach out to our specialized helpdesk.

If you want to get the most out of your projector, Barco University offers **professional product trainings and certification**.

# projector



	<b>G50-W6</b>	<b>G50-W7</b>	<b>G50-W8</b>	<b>G60-W7</b>	<b>G62-W9</b>	<b>G62-W11</b>	<b>G62-W14</b>	<b>G100-W16</b>	<b>G100-W19</b>	<b>G100-W22</b>
<b>Light output*</b>	6,400 lm	7,400 lm	8,900 lm	7,000 lm	9,500 lm	11,000 lm	13,600 lm	17,200 lm	19,000 lm	22,000 lm
<b>Resolution</b>	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200	1,920 x 1,200
<b>Dimensions</b>	486 x 376 x 181.2 mm			484 x 529 x 195 mm 19.0 x 20.8 x 7.7 in			650 x 710 x 251 mm 25.6 x 27.9 x 9.9 in			
<b>Weight</b>	11.0 kg 24.25 lbs	11.8 kg 26.01 lbs	13 kg 28.66 lbs	16.9 kg 37.3 lb	17.4 kg 38.4 lb	22.7 kg 50.1 lb	50.0 kg 110.2 lb		50.0 kg 110.2 lb	54.0 kg 119.0 lb
<b>Inputs</b>	2x HDMI 2.0b 1x DisplayPort 1.2a 1x HDBaseT 1x 3D SYNC In			2x HDMI 1.4 1x DVI-D 1x HDBaseT 1x 3G-SDI 1x VGA	2x HDMI 2.0 1x DVI-D 1x HDBaseT 1x 3D SYNC In 1x 3G-SDI			2x HDMI 2.0 b 1x DisplayPort 1.2a 1x DVI-D 1x HDBaseT 1x 3G-SDI 1x VGA		
<b>Speakers</b>	10W / 6Ω			N/A						

\* ISO lumens



# G50

The G50 is an **affordable and compact**, yet powerful, single-chip WUXGA projector designed for boardrooms, museums, exhibitions, experience centers, or entry-level simulation applications. It is part of the economical G50 series and the Barco smart line projectors.

With **up to 18 Lm/W**, these are the smallest projectors in our offering with the highest light efficiency visualizing high-quality content at its best.

Weighing from **11 - 13kg** the G50 is approximately 33% smaller and lighter than its compact G62 brothers, which makes the G50s officially the smallest projectors in our offering as well as in the industry.



## Did you know?

The G-series range is compatible with **Barco's Insights Management Suite**, our cloud-based fleet management and remote monitoring application.

Moreover, you can quickly access and tweak basic parameters on a multi-channel setup using the **Barco Pulse Mobile App**. Download it now from Apple Store or Google Play.





### Typical applications:

Theme parks & attractions, museums and exhibitions, business centres, conference theatres and boardrooms

The G60 provides the right combination of projection quality, lumen, wattage and price for the attraction.

Christophe Aubry  
ID Scènes

## G60 & G62

The G60 and G62 models, with **brightness from 7K to 11K**, are designed to answer the needs of day-to-day projects without compromising on the quality. This means you can continue to rely on the valued Barco service and support for all your set-ups.

In order to fit different environments, the G-series are **available in both black and white versions**.

Next to the compact format, there's also the possibility of working with short-throw lenses, allowing the user to increase the image size or shorten the projection distance. The **perfect match for a compact installation**.

The **laser light source** ensures great image quality and lower maintenance. And to allow for an easy installation and maintenance from the comfort of your own computer, the projectors are **supported by Barco's PToolset**.

Having all this at a very **competitive pricing**, is what really makes the projectors an attractive package for all customers.





# G100

## 100% brightness

The G100 is a **single-chip DLP® projector** with native WUXGA resolution and comes in three brightness variants: 16.000, 19.000 and 22.000 lumens, extending the Barco single-chip offering **with higher brightness levels than before.**

Create stunning projections and immersive experiences, with great image quality, an impressive brightness power, all at an **outstanding price-performance ratio.**

## 100% future-proof

Thanks to the **up-to-date signal processing capabilities**, supporting all the latest input sources like **HDMI 2.0 and DP1.2**, you can rely on the G100 for stunning visual experiences with **deeper 12 bit color palettes.**

And the G100 projectors are not just ready for the future in terms of input flexibility and amazing picture quality, but they're also **prepared for a greener future!** The units are optimized for lower power consumption, extended light source lifetime, and, accordingly, limit their and your ecological footprint.



### Typical applications::

Theme parks & attractions, museums and exhibitions, auditoriums, theatres and small to mid-sized events



Once we saw the G100's luminance levels and its capabilities to not only fit the space, but also project beautiful images in 360 degrees, there was no question that Barco was the only choice.

**Julien Roy**  
Technical Director  
at Thinkwell Studio Montréal



### 100% durable

With excellent **onboard cooling** the **G100** can withstand a maximum ambient operating temperature of 50°C (122°F), whilst emitting a maximum noise level of only 42 dB(A).

Through its laser-phosphor light source and advanced cooling design, the G100 stands its ground in harsh and hot environments. It is ideally suited to applications requiring high brightness with a **maximum uptime and long operating lifetime** (> 20,000 hrs).

The G100 can handle **360° mounting orientation** for the most challenging of setups.

The G100 projector and its **peripherals** (e.g. rigging frame) deliver the best outcomes for any creative project.



## Talking lenses

The G50, G60 and G62 models are compatible with following **G-lenses**:

- 0.36:1 UST (not supported by G50)
- 0.37 - 0.4:1 UST 90°
- 0.65 - 0.75:1
- 0.75 - 0.95:1
- 0.95 - 1.22:1
- 1.22 - 1.52:1
- 1.52 - 2.92:1
- 2.90 - 5.50:1



*Use the UST G lens for even more compact set-ups to fill canvases from short distances with zero offset.*

The G100 projectors are compatible with the following **GC-lenses**:

- 0.65 – 0.75:1
- 0.84 – 1.02:1
- 1.02 - 1.36:1
- 1.2 - 1.5:1
- 1.5 - 2.0:1
- 2.0 - 4.0:1
- 4.0 - 7.2:1
- 7.2 - 10.8:1



*To enable full operational versatility and effortless implementation in different project designs, the G100 comes with a sturdy lens holder to guarantee smooth and reliable blending in multi-channel installations.*

Find the ideal lens for your projector setup in just a few clicks with our online lens calculator: [www.lenscalculator.barco.com](http://www.lenscalculator.barco.com)

## Barco EssentialCare

Thanks to our standard product warranty and the additional EssentialCare service options you can receive priority treatment with reduced response times and get access to an existing pool of G-series swap units with comparable brightness and lifetime.

**Check our service leaflet for more information.**



## EssentialCare

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