

Double helix swing – a digital work of art with HoloPro™ in the Wallraf Richartz Museum

It sounds exciting: “an installation for swarms of gnats on river banks and shallow waters” – this is how the artist Ursula Damm describes her digital work of art, which could recently be admired in the Wallraf Richartz Museum & Fondation Corboud in Cologne. But this is not sufficient to describe what it’s really all about ...



To put it simply: “double helix swing” is used to conduct research into gnats. The observations, recorded by outside cameras, are sent to a computer via a wireless module. From there, the gnat videos can be transmitted to a second computer, on which special picture generation software with virtual creatures is running. The digital work of art is used to learn more about where gnats dwell, how they swarm etc. The installation enables visitors to gain insight into a research topic in a way that is both playful and aesthetic.

Double helix swing in Cologne

This unusual application was visualised as a large-screen projection on a 67-inch **HoloPro™** mirror screen provided for the artistic application by G+B pronova. The contacts, and subsequently the cooperation, came about via the Media Art College in Cologne. The peculiarity of the mirror screen is that the projection takes place as a front projection, meaning that the screen can be hung on the wall like a picture. And the brilliant picture quality was not inhibited in the slightest by the bright ambient light in the museum. Both the mirror screen and all other products from G+B pronova are designed for daylight use.

pronova and CABINET:

The new world exclusive, CABlvision - your built-in home cinema cabinet

There are built-in cabinets, there are home cinema solutions - and now there is CABlvision: an idea from the CABINET Schranksysteme company that combines both perfectly. A projection screen integrated into the front of the cabinet and a projector inside it provide the viewer with brilliant pictures.

The function and design of the cabinet are not restricted in any way by its simultaneous use as entertainment furniture. The projection screen, which is inset in the cabinet door, is fitted with dividers. The projector, which is positioned inside the cabinet (standing or suspended from the inside top), only takes up a minimum of space. When the projector is not in use, the screen serves as a "normal" cabinet front. There are no unsightly cables or operating buttons.



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Bright, brilliant and crystal clear

The special rear-projection screen (**ProLite**) is distributed by G+B pronova from Bergisch Gladbach. The acrylic screen is extremely flexible: it can be cut into any shape and functions in virtually any size and format. Picture sizes of up to 75 inches are available with CABlvision. **ProLite** provides outstanding resolution and an evenly bright, homogenous picture with a considerable viewing angle. The material is easy to take care of and can be cleaned easily with standard glass cleaners. In addition to **ProLite**, G+B pronova also offer a comprehensive line-up of projection screens, designed for the most varied of uses. They have become particularly well known as the developers and manufacturers of **HoloPro™**, the holographic projection screen.

ProLite is the first choice for the idea of CABlvision on account of the material and flexible handling.



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High-end comfort

All regular playback units such as DVD players, video recorders, sat receivers, notebooks etc. can be connected to the projector with CABvision. The device can be operated through the cabinet front from a distance of up to seven metres using an infrared remote control. In addition to outstanding pictures, CABvision naturally also has room for acoustic experiences. There are special side stops to house speakers.