

iPresent



Interactive backdrop solution for
content-rich productions

*INTELLIGENT
INNOVATIVE
INTEGRATED
INTERACTIVE*

BARCO

Visibly yours

Create a **direct,** involving **viewer experience**

Get rid of your blue screen virtual environment and create a direct, involving viewer experience which will allow your "talent" to easily interact with live on-air content with a minimal or no preparation before going live.

Barco's backdrop solutions bring on-stage video walls in TV studios to the quality level needed for interactive use in high-demanding, rich-content productions. Thanks to their high resolution, superior flexibility and excellent on-camera performance, Barco's solutions permit great interactive use and increase accessibility for the audience.



Rear-screen projection system

Barco's rear-screen projection system for backdrop applications consists of specifically adapted rear-projection modules, combined with a high performance show controller and allows broadcasters to use the wall as a high-quality alternative to a traditional onstage video wall or blue screen.

This complete backdrop solution is able to show a multitude of video and graphical windows and produces smooth transitions from one display wall layout into another.





Native ultra-high resolution

The high resolution rear-projection modules support 3200K color temperature to match with the studio lightning, provide excellent on-camera performance and offer wide viewing angles for maximum flexibility of camera positions.

As the display wall can also be used in normal daylight conditions, it is possible to switch to 6500K color temperature.

The high quality projection modules incorporate dual lamp with hot stand-by capability and are based on the latest DLP™ technology.

A built-in second lamp will make you rely for 100% on the availability of the iPresent wall when broadcasting live.



Complete show control

Encore presentation system

The Encore show controller is the most advanced video processing and presentation controller on the market today. The controller provides source selection, advanced windowing features, seamless switching, video effects and integrated control for professional video presentations. Encore's modular, scalable architecture allows the controller to support a wide variety of show configurations. The controller can efficiently support from 1-32 screens with any combination of independent display or seamless tiled display elements.



Encore Controller LC



Each mixer can be used in normal or split mode



Full machine control



Joystick for intuitive image adjustments

Encore video processor

The Encore Video Processor incorporates universal inputs that accept both analog and digital video. Motion adaptive deinterlacing is provided for both standard and HD source video. Incoming videos are processed by Barco's proprietary Athena scaler.

This scaler supports smooth real-time PIP movements and re-sizing based upon user specified Key Frames. The basic Encore configuration supports six independent PIP or Key images or three transitioning PIP images. Seamless transition effects, Z-order control, window borders, drop

shadows and a variety of keying effects are fully supported. Two unscaled background channels provide a high resolution backdrop that also supports seamless transition effects. Down Stream Key (DSK) effects are supported by a third un-scaled high-resolution input channel.





Encore Controller SC

| | Small Controller | Large Controller |
|--------------------------------|------------------|------------------|
| Encore Processors supported | 6 | 32 |
| Inputs supported | 24 | 64 |
| Destinations supported | 6 | 32 |
| Available Presets | 64 | 90 |
| Available Destinations | 4 | 8 |
| Available User-defineable Keys | None | 100 |
| 320 x 240 graphic displays | 1 | 2 |
| Light Sticks | 2 | 3 |



- **Up to 12 independent windows with z-level control**

Each window can be resized and positioned in real time. Flying window effects are controlled via keyframes

- **Expandable from 1 to 32 screens**

Encore supports any combination of single-screen, multi-screen or edge-blended wide-screen applications

- **Native high resolution background**

Background transition effects are independent of the windowing channels

- **Special effects**

Seamless transitions, window border effects and advanced keying features are supported

- **Modular system architecture**

Encore can be expanded as your needs change and system configurations can be tailored to efficiently meet application requirements

- **Total event management**

Encore Controllers provide easy to operate real-time control

Barco Control Rooms has become the industry standard in the field of monitoring solutions for Control & Operation Centers in telecom, traffic, surveillance, public utilities, broadcasting, finance and service providing companies. Barco Control Rooms is renowned for its flexible, market-specific approach, successfully implemented in over a thousand control rooms worldwide.



Fully committed to quality, Barco Control Rooms offers full technical support as well as on-site training. With its head offices in Belgium and Germany, Barco Control Rooms is represented in more than 30 countries across the globe. With a yearly R&D effort of 10% of its turnover, Barco Control Rooms ensures it remains at the forefront of technology.

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