

Barco UniSee® Mount

Mounting structure for a 55" LCD panel for installation of professional video walls consisting of several identical modules.

Used for example in uninterrupted continuous operation in control rooms for traffic supervision or infrastructure surveillance or in museums.

Barco UniSee Mount incorporates a kinematic mechanism supporting numerous innovative unique features of the mount, such as amongst others:

- a virtually seamless alignment of frameless panels
- fast and easy installation
- easy access to each panel (also the one in the middle) from the front during service

Tasks and responsibilities:

- Development of the mounting structure within the project team from the start of concept development up to test of first out-of-tool-prototypes
- Development of the kinematic mechanism and integration into the mounting structures modules

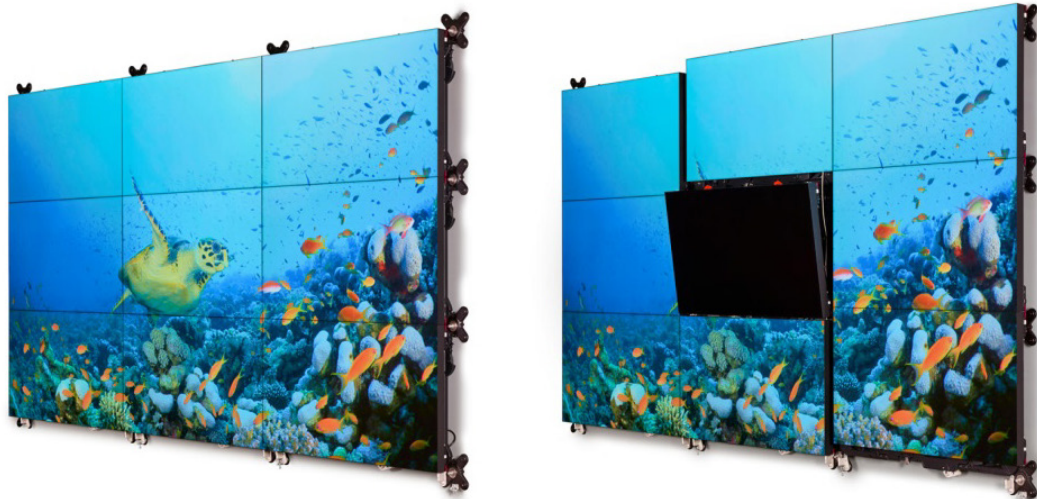


Fig. 1: Barco UniSee, Installation consisting of 3x3 panels;
 left: positioning of panels in normal use;
 right: middle panel in service position For servicing or replacing the middle panel first of all whole columns of panels are moved. The panel to be serviced then is selected by activating a lever at the corresponding mount and blocks of panels within the column are moved by gravity upon pushing a button. Thereby a gap is created around the panel to be serviced. In a guided movement the panel is pulled out of the plane to the front for easy removal.
 Source: Barco N.V.

Link to the official Barco product video:

<http://www.barco.com/en/unisee>



Fig. 2: Drive module to move the panels. To enable servicing, whole columns are moved easily by using a simple wrench.

Source: Barco N.V.