MCM-100s

External warping, blending and color matching

PERFECT COLOR

3D STEREO | **WUXGA** 1920 X 1200 | **full HD** 1920 X 1080P | **WARPING**
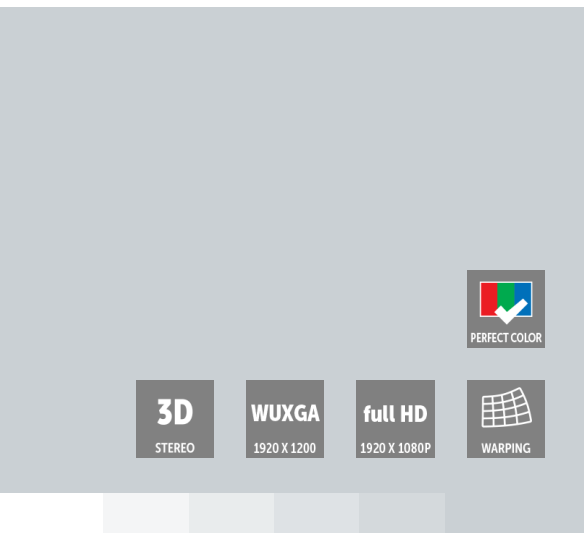
The MCM-100s brings Barco's rewarded multi-channel features to an external device. This interface allows geometry correction, color correction, and electronic blending on corporate HD or WUXGA projectors, with a real-time on-screen user interface and the performance known from Barco's higher end simulation projectors.

The MCM-100s handles both mono and stereo sources up to 120 Hz. Stereo sources can be connected with a single active stereo signal or by means of a left and right passive stereo signal. Lower frame rate active stereo sources at e.g. 60Hz can be upscaled to 120 Hz to avoid flicker. Multiple MCM-100s can be synchronized to easily allow multi-channel stereo displays.

Multiple options to connect

A twin Dual link DVI-D input and two extra input layers for additional inputs (such as DVI/D15 or analog RGBHV) are by default part of the MCM-100s' basic package. Its dual link DVI output follows synchronously the selected input source.

The MCM-100s can be controlled by means of an IR remote control or through IP - by means of the optional XDS-Racu software suite. The latter can control a complete display with multiple MCM-100s's, driving several Barco RLM W-series projectors, from a single control PC.

Suitable for all environments

- Corporations: multi-channel based meeting rooms, both flat and curved

- 3D visualization as used in automotive, oil & gas, scientific research and urban planning

- Theme parks

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PRODUCT SPECIFICATIONS	MCM-100S
Standard inputs	Twin dual link DVI-D up to WUXGA @120 Hz (300 Mhz pixel clock)
Optional Inputs	Two free modular input layers
Input modules	Single DVI-D/D15, RGBHV, Composite video , S-video, HDSDI, Twin dual link DVI-D
Output	Dual link DVI connector (1920*1080 up to 120 Hz (HDTV 1080p timings)and 1920*1200 up to 120 Hz)
WARP	Real time geometry correction. Very intuitive on screen user interface with up to 33*33 control points.
Color correction	Uses Dynacolor algorithms with linking capabilies
Stereo support	Active stereo support (50/60 Hz and 100/120 Hz)
Passive Stereo	Passive stereo input using optional Twin Dual DVI-D input. (50 or 60Hz Left/right)
Ambient temperature	Max.: +40°C or 104°F Min.: +10°C or 50°F Storage: -35°C to +65°C (−31°F to 149°F)
Electromagnetic Interference	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
Humidity	Storage: 0 to 98% rel. humidity, non-condensing Operation: 0 to 95% rel. humidity, non-condensing
Power	External power supply: 110-220V 50/60 Hz
Power consumption	90 W
Heat dissipation	306 BTU/h
Dimensions (HxWxD)	200 x 430 x 274mm 7.9 x 16.9 x 10.8 inches
Weight	6.78 kg (without packaging); 11.76 kg (with packaging)

ENABLING BRIGHT OUTCOMES

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