MCM-400

External warping, blending and color matching box for 4K projectors



The MCM-400 is an external hardware component that allows geometry correction, color correction, and electronic blending on Barco's Galaxy 4K series projectors. By using a real-time on-screen user interface, the MCM-400 helps achieve the performance known from Barco's higher end simulation projectors. In this way, this box enables several multi-channel configurations with multiple 4K projectors.

Suited for mono and 3D-stereo sources

The MCM-400 handles both mono and stereo sources up to 48 Hz. Stereo sources are connected in a passive way by means of a left and right passive stereo signal, which get converted into an active flicker-free stereo signal up to 120 Hz.

Four dual link DVI-D inputs allows 4K sources to be connected in 4 quadrants of 2048 by 1080 pixels, or two columns of 2048 by 2160 pixels, which simplifies pre-view capabilities. Both mono and stereo sources of 24 Hz or 48 Hz are shown synchronously with the input, at a minimum delay.

Easy to control

The MCM-400 can be controlled by means of an IR remote with an on-screen menu, or through IP. The latter allows easy integration with touch panels for convenient source switching and different geometry files.

Suitable for all environments:

- Larger collaboration rooms, both flat and curved
- 3D visualization as used in automotive, oil & gas, scientific research and urban planning
- High resolution command and control displays

Product specificaties	MCM-400
General specifications	
Ingangen	4 times Dual link DVI-D Full 4K, using : ■ 4 x 2048x1080 or 1920x1080 ■ 2 x 2048x2160 or 1920x2160
Ingangsfrequentie	Mono : 24-60 Hz (24 Hz optimal) Stereo : 24 -48 Hz
Uitgangen	2 times Dual DVI-D ■ mono 4K: 2 x 2048x2160 ■ stereo 2K: L/R 2048x1080
Uitvoerfrequentie	Mono : 24 Hz Stereo: 24-48 Hz
Netwerkverbinding	Ethernet 10/100 RJ45
WARP	Hardware based real-time warping with easy on-screen menu
Kleurcorrectie	Advanced color matching (Dynacolor) with linking capability
Kenmerken	Pixel accurate alfa and beta planes -Advanced electronic blending -4 quadrants input capabilities -outstanding anti aliasing
Techniek	Rack mount kit included
Controle	Through IR remote control or IP
Afmetingen (H x B x D)	4 RU 295 mm x 290 mm x 215 mm (11.6" x 11.4" x 8.46")
Gewicht	6.11 kg (without packaging); 7.11 kg (with packaging)
Vermogen	External power supply: 100-250V 50/60 Hz
Energieverbruik	77.3 W
Warmtedissipatie	264 BTU/h
Stereo-ondersteuning	Passive stereo support IN/OUT
Compatibiliteit	Only with Barco Galaxy 4K series
Elektromagnetische storing	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
Omgevingstemperatuur	Max: +40°C | 104°F Min: +10°C | 50°F Storage: -35°C to +65°C | –31°F to 149°F
Vochtigheid	Storage: 0 to 98% rel. humidity, non-condensing Operation: 0 to 95% rel. humidity, non-condensing

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