

SDI-DMX Mixer Pro

Ultimate video mixing and matrixing from a lighting console



Barco's SDI-DMX Mixer Pro replaces four conventional video mixers in one package. It lets you switch, mix and matrix four video inputs to four video outputs directly, from any DMX lighting controller. Furthermore, the SDI-DMX Mixer Pro uses the advanced SDI standard for its input and output slots.

Designed to handle multiple sources and outputs, it works flawlessly with professional lighting and video equipment, such as Barco's DL.3, DML-1200, Axon media server, video cameras and various video projectors and screens.

Cost-conscious and smart

The SDI-DMX Mixer Pro can be operated from a lighting console, eliminating the need for a second engineer to operate the video systems. Also, the unit is rack mountable and remotely controlled, allowing the unit to be placed closer to the actual video equipment, reducing setup time and cabling requirements. The SDI-DMX Mixer Pro saves money on personnel costs as well as lighting and video budgets.

All signals that enter the unit are validated, ensuring no incorrectly formatted or bad video signal will ever go live. The menu system provides the ability to toggle manually between inputs, force video standards and automatically chase between all present video inputs.

Quick facts about Barco's SDI-DMX Mixer Pro

- Replaces 4 traditional video mixers and operators
- 4 channel + black video mixing from a lighting console
- 4 independent SDI inputs and outputs with BNC connectors
- Patented gen-lock bus system for faster mixing and switching
- Individual digital video processor chips per input and output
- Multiple control methods - DMX, Serial (RS232) or from the menu
- Input verification and display
- Pixel perfect processing
- Multi-format, auto-detecting video system (supports NTSC and PAL)
- Force video format NTSC/PAL and manual output override
- Input chasing function for stand alone usage
- Daisy chain units to expand input/output options
- Small - 1U rack mount

HIGH END SYSTEMS



M00376-R00-0510-DS

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this brochure can be found on www.barco.com.

Specifications

Input	4 x SDI (BNC) 525+625 line
Output	4 x SDI (BNC) 525+625 line selectable
Format	Multi-format - PAL or NTSC (All inputs must be same format)
Control	DMX512 (5-pin XLR) - 7x DMX channels RS232 (9-pin D-Type) Front panel menu system
Display	Power LED DMX present LED 4 x video input present LED 7 segment menu display
Power	Non-inverting electrical with respect to inputs
Casing	1U x 19" rack casing - 481W x 40H x 205D mm

Example of connectivity diagram



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