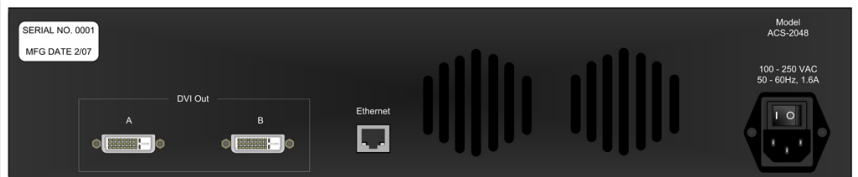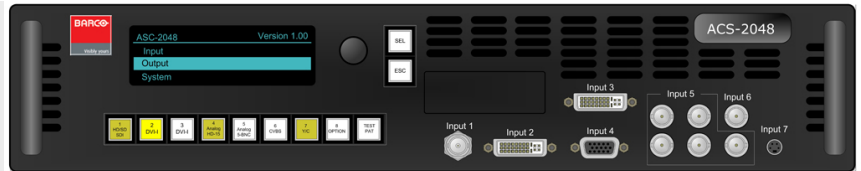# ACS-2048

Alternative content switcher

As the ideal peripheral for all digital cinema installations, the ACS-2048 is an 8x1 switcher that accepts "universal" input formats, and outputs 12-bit twin DVI at 2048 x 1080 - one of the digital cinema standards. With a high-quality scaler at its core, upconverting any input format is as simple as "auto-acquiring" and selecting the desired input.

However, disguised as a switcher, ACS-2048 is really a pathway to new revenue streams for your facility. By enabling "alternate" content to be displayed in the digital cinema resolution, your theater's role as a presentation facility for events, businesses, conventions, town-hall meetings and so much more - becomes a reality.

Key benefits

· "Universal" inputs support HD/SDI, SD-SDI, DVI, Analog, Composite, and S-video formats
· Twin link 12-bit DVI outputs upconvert all inputs to 2048 x 1080
· Motion adaptive de-interlacing and advanced noise reduction circuits are employed throughout to maintain superb image quality
· User-friendly front panel provides intuitive "local" control
· A standard HDCP (High-Bandwidth Digital Content Protection) "decrypted input" and "encrypted output" path enables copy-protected content to be displayed at digital cinema resolutions, while maintaining the highest degree of security for the copyright

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ACS-2048

Alternative content switcher

holder

Product specifications	ACS-2048
Inputs	1x SDSDI per SMPTE 259M-C (NTSC/PAL resolution) and HDSDI Input and per SMPTE 292M (HDTV)
	2 x DVI-I Inputs per DDWG 1.0 · HDCP support
	1 x Analog Input on HD-15 VGA connector · Supports both YUV and RGBHV · 10-bits/color sampling (1:1 sampling up to 1600x1200@60 Hz)
	1x Analog Input on BNC Connectors (5) · Supports both YUV and RGBHV · 10-bits/color sampling (1:1 sampling up to 1600x1200@60 Hz)
	1x Composite NTSC/PAL Video (CVBS) on a BNC connector 1x Encoded NTSC/PAL Y/C Video on 4-pin mini-DIN connector 1x Optional Input (factory-installed mezzanine)
Outputs	DVI Dual channel ("Twin-Link DVI") output on 2 DVI-I connectors
	· 12-bit 4:4:4 RGB output · User selectable for 8-bit output · HDCP Encryption · Non-encrypted DVI data until HDCP is supported in the Projector
	Frame Rates: 50 Hz, 59.94 Hz
User Control	Front Panel Display
	· 128x32 VFD Display · Menu navigation via rotary encoder knob, Select/Escape buttons · Input Source selection via 9 back-lit buttons · Sync Present indication on Front Panel via switch backlight
	Remote Control
	· Fully controllable over IP
Mechanical	Width: 19" Rack Height: 2RU Input connectors are located on front panel Output connectors are located on rear panel RJ45 connector is located on rear panel Handles (also provide mechanical protection of the inputs)
Power	100-240 VAC – 50/60 Hz, Autoselecting 1.0A max

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