

Barco mFusion ICMP-XS

Integrated Cinema Media Processor (ICMP) - Compatible with Series 4 projectors



A fusion of cutting-edge technology

The Barco mFusion is three devices in one: an audio processor, a streaming device, and a cinema media server. This integration delivers unparalleled performance and versatility, making it the most integrated solution on the market today. Here's what makes the mFusion ICMP-XS stand out:

- State-of-the-Art Audio Processor: Experience cinema like never before with 5.1, 7.1
- Groundbreaking Media Server: Simultaneously play, ingest, and transfer content with ease. The mFusion ICMP-XS ensures smooth and efficient media handling. Fewer boxes lead to more reliability and ease-of-use
- Streaming Box: Deliver real-time content from anywhere in the world, breaking the boundaries of traditional media servers

Unmatched performance and versatility

The mFusion is engineered to deliver unparalleled performance, supporting up to 2D 4K96 and 3D 4K48 resolutions. This ensures that every frame is rendered with stunning clarity and detail, providing an immersive visual experience for audiences. The advanced audio options, including AES3, AES67 and AoIP, guarantee superior sound quality, making every note and dialogue crystal clear.

Revolutionary user interface

The mFusion ICMP-XS utilizes the same new revolutionary user interface as our Series 4 platform: the first and only integrated UI for projection, media server, audio processing, and streaming. Accessible via computer, handheld device, or the integrated touch display on Barco Series 4 projectors, this interface maximizes workflow efficiency and significantly simplifies operations

Compatible with Barco Series 4 family.

Product specifications

BARCO MFUSION ICMP-XS

General Specifications

Image	2D Playback DCI 2K 120fps and DCI 4K 96fps 3D Playback DCI 2K 60fps and DCI 4K 48fps
Sound	Audio processing 5.1 / 7.1
Storage	NVMe Technology
Connectivity	Control (2xRJ45) AES67 (1xRJ45) AES3 16 channels (2xRJ45) High speed LAN 10Gbe for content management (2xSFP+) USB 3.0 (2x) GPIO 4xIN and 4xOUT (2xRJ45) HDMI2.0a (2x)
Licenses	Audio Processing License Stream License
Control	Barco WebCommunicator Projector, Media Server, Audio Processor dashboard control and configuration SOAP API
Integrated Cinema Media Processor	Bi and tri amping filter configuration Third octave graphic equalizer bands Auto tuning and manual tuning Up to 8 microphones for audio calibration Configurable routing of inputs and outputs Automatic switching of input and output sources Audio passthrough support USB devices support for external inputs and outputs
Barco (Web) Communicator	ICMP-XS is controlled by Web Communicator for control, configuration and maintenance
Integrated storage	2TB storage (RAID-5) 4TB storage (RAID-5) 6TB storage (RAID-5) 8TB storage (RAID-5)
Compatibility	Barco mFusion is supported by the following Theater Management System (TMS) brands: AAM Screenwriter, CinemaNext TMS, OneCinema, CFG-Barco, Popcorn TMS, SmartABS, CFT TMS, SmartOPS, Unique RosettaBridge, CDS CineDigital Manager (further TMS ongoing support)

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