

Logitek Audio Engine



The heart of a Logitek Digital Console is the Audio Engine, a full featured audio router. The Audio Engine efficiently manages all the audio in your facility: analog, digital, inputs, outputs, intercoms, mix minus, balanced, unbalanced, AES, S/PDIF and more. The Audio Engine takes care of all the routing, patching, distribution and

mixing of audio that is needed to keep your facility running at peak performance, whether you have one studio or 30.

The Logitek Audio Engine saves money and streamlines your installation by eliminating the need for many costly and cumbersome interface boxes. The functionality of patch bays, audio switchers, interface amplifiers, sample rate converters, D/A and A/D converters all come as part of even the most basic Audio Engine.

The real beauty of the Audio Engine comes from its ease of operation and control. All the features are managed from a choice of user friendly control surfaces with a learning curve that is, well, flat. In fact, many operators have told us that the Logitek products are actually simpler to use than their previous gear as the interactive displays help guide the user.

The Audio Engine is robust and easily expanded; it's designed to hold two load sharing, universal voltage power supplies, eight audio cards, a communications controller card and up to two DSP cards. All cards are "hot swappable" for easy online service. Up to three control surfaces can operate off a single engine, in addition to a PC (remote or local) that provides real time control and status monitoring.



The DSP cards are based on the powerful and versatile Analog Devices Sharc DSP. Choose from the basic LoneSharc DSP to provide standard control surface functions or the advanced SharcAttack which adds EQ, compression, limiting and other functions to your control surface.

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The Audio cards are available in 3 versions, analog, digital and network cards.

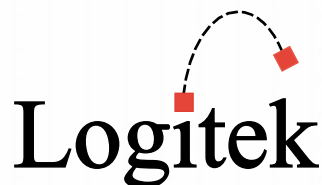
IO24A - This is the analog audio I/O card providing 12 single channel inputs and 12 single outputs. Any pair of input or output channels can be linked for stereo operation. Signals are line level, with independent gain and output trim controls. Analog signals are converted to and from the digital domain using 24 bit converters for maximum audio quality.



IO8D - This is the digital audio I/O card providing 8 digital inputs and outputs. Each input has an on board sample rate converter, and can accept either AES or S/PDIF digital formats.

NET-A - This is our gigabit Ethernet, fiber optic networking card that allows you to link as many as 32 Audio Engines together for sharing up to 500 audio sources. This gives you the power and control of a large house router, in smaller easy to manage units. Audio on one engine can be mixed with audio on any other engine, and all can be routed out any combination of outputs. All with the familiar controls of an on-air console!

For more information or ordering details, please call us or your favorite Logitek distributor.



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