

Product overview

(January 2004 - www.dmexx.com)

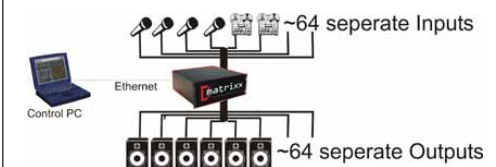
Dmatrix Core:
versatile, costeffective 64x64 Channel Mixmatrix



Mixmatrix:

D-Matrixx Core can route and mix 64 Inputs to up to 64 Outputs. Its clever designed client software offers different real time control-pages all specializing in certain tasks, to achieve maximum control and overview. The matrix hosts an optional multiclient server to be able to correspond with several control PCs at the same time in realtime, providing each of them real time metering and parameter values. Per In- and Output the system offers digital Gain, 4 fullparametric EQs, one or 2 Dynamics, up to 64 Aux-sends, Fader, Phase Reverse, Channelmute and a switchable Inputmatrix of all Inputs on any Inputchannel.

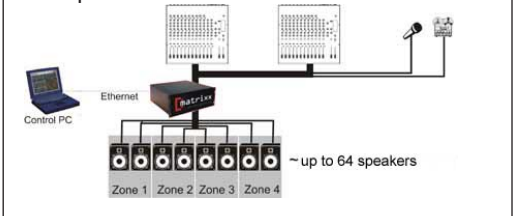
Example:



Sound-Zones

Whenever it is necessary to address different rooms or zones with the same Signal, it is often needed to compensate delays created by latency of sound in the air, extract or add specific signals, or adapt the mix to it by using level, EQ or dynamics. D-Matrixx Core offers here a vast variety of possibilities, by EQing, delaying every In- and Output with huge delaytimes, and even rerouting an output-signal internally to any new input to achieve sub- and clustersums, making all easily controllable and recallable onscreen and with lighting speed.

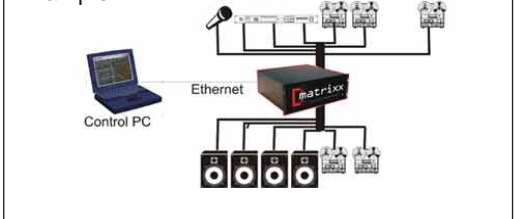
Example:



Recording -Studio-Matrix

In the recording-studio environment, external FX, analog or digital taperecorders, external converters, Sound-generators and "live-signals" have to be routed to the main mixer or to be processed separately. D-Matrixx can serve the engineer in this matter as a very comfortable digital patchbay e.g. routing matrix, and also as a mixing console extension, providing another 64 mixing channels and buses with all necessary processing, summing and routing possibilities. Due to its MIDI-recallable Presets an existing automation can be flawlessly integrated, or external FX with different I/O modes e.g. Stereo/ Surround can be configured on the spot. Individual Studio-setups can be saved and recalled to make a certain recording situation available in seconds.

Example:



Audio-Netzwerk

Multiple D-Matrixx Units can form an audio network connected via MADI lightpipe or BNC. In addition to all features stated above, the system provides a 64 ch MADI based token ring interconnection between all units. If lightpipe is used, the distances between the units can easily exceed 500m (1500ft).

Example:

