



Ethernet



8x8 - 64x64



Automixer



Mic/Line



Switch



64 channels



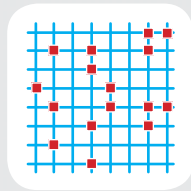
192kHz/24Bit



EQ's



Delay's



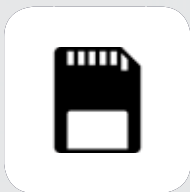
Matrix



4000 Nodes



Real-Time Device



µSD-Card



Control Interface



Comp/Lim/Exp



Backup



2xRS232/485



NET DESIGN



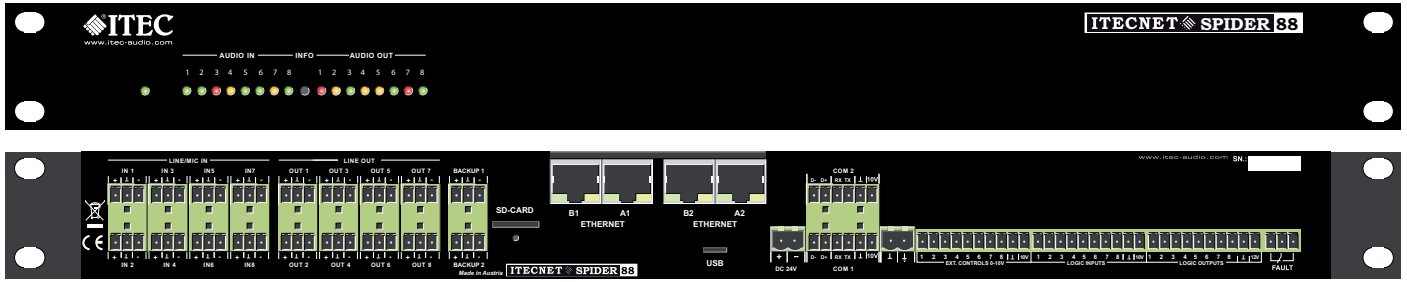
AVC



FFT



Preliminary



ITECNET SPIDER 88 - Highlights



Ethernet
The Spider88 is a new ITECNET device of our Ethernet based multichannel audio system



8x8 - 64x64
The Spider88 is a stand alone 8x8 audio matrix, but by networking of multiple devices you can multiply the matrix to any size, eg.: 16x16, 32x32, 64x64,.....



Automixer
The Spider88 features our state of the art multi-channel automatic microphone mixing algorithms



Mic/Line
The Spider88 audio inputs can be configured and adjusted to any sources, any kind of microphones including phantom power, and for any line level sources.



Switch
The Spider88 has got it's own Ethernet switch on board! No external switches are required any more.



64 channels
ITECNET offers simultaneous transmission of up to 64 digital audio channels in studio quality (48 kHz/24 Bit), with a constant latency of 1.33 ms (default)



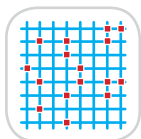
192kHz/24Bit
The audio transmission quality can be adjusted up to 192 kHz/24Bit if needed



EQs
The Spider88 features an enormous range of equalizer settings for each of the inputs and outputs



Delays
Each of the Spider88's outputs offers delay settings up to 24,5 seconds (8,3 km)!



Matrix
ITECNET is the matrix: Any of up to 70 simultaneous audio channels in the network and any of unlimited audio inputs can be routed to any of the Spider88's outputs!



4000 Nodes
Up to 4000 devices can work simultaneously together in one ITECNET network (in our biggest alive system over 1400 nodes are under operation)



Real-time Device
Real-time audio transmission: Constant latency of 4.6 ms (default) analog-in/analog-out anywhere in the network and **Real-time configuration** with ITECNET - NETDESIGN software



µSD-Card
Integrated Micro SD-card slot for a 2 GB memory card for alarm texts and music files. Capacity: 256 files, more than 3 hours of audio in studio quality!



Control Interface
ITECNET Application Programmable Interface (TCP/IP) for connecting to management- and media control systems



Comp/Lim/Exp
The Spider88 features Compressor/Limiter and Expander functions for each of the inputs and outputs



Backup
The Spider88 features automatic switched backup outputs for redundant power amplifiers!



2xRS232/485
The Spider88 features two serial interfaces supporting media control systems and ITECBUS devices.



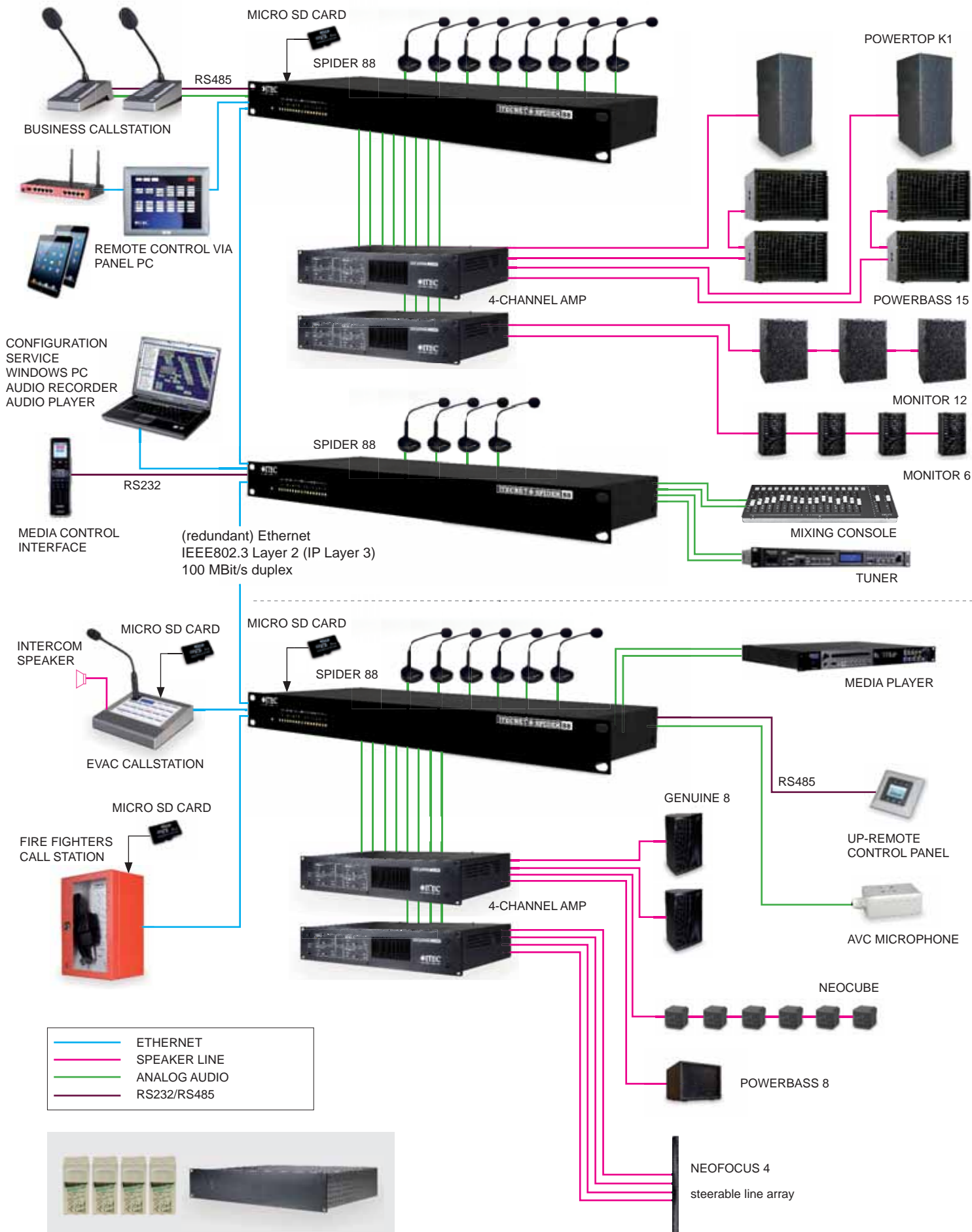
NETDESIGN
ITECNET NETDESIGN is the online configuration tool for the real time configuration of components and systems



AVC
The Spider88 features automatic volume control of single zones and areas by the measures of connected ambience microphones



FFT
The Spider88 and NETDESIGN feature FFT live measurements for each in- and output



ITEC DSV54-4 POWER SUPPLY 24VDC

Mobile
Sound Systems



Church
Sound Systems



Pro Audio
Systems



Certified
Voice Alarm Systems

EN 54-16
certified

