There is virtually nothing you cannot do with the PZM8000!
Featuring 8 input and 8 output, only your imagination sets the limit!
All input channels have gain, bass, treble and zone panel input. All inputs can be addressed to all, some, or one output without limitations. All features in the PZM8000 is set using "hardware", there is no computer software, every function has a button, switch or potentiometer. Basically any sound source, line, mic, external wall panel can be routed and addressed to any output.
The front panel is designed to be easy to use, even though the functions and features in the back is advanced. Input 1-4 consists of unbalanced stereo RCA connectors, Input 5-8 features balanced phoenix connectors with select switch for signal/mic/phantom. There are also several different models of wall panels for local source select, volume, external local zone input, the wall panels are connected with a standard CAT5E cable and RJ485 connector.
Each input also features a balanced signal local input, for connecting external local sources in each zone. The monitor section is an easy way to let the user know what source is playing on each output. Furthermore, several units can be cascaded up to 8 in and 24 out in master/slave mode with 8 in 32 out. There are two priority microphone input, where each microphone is a gooseneck tabletop control system, able to adress all, one or several zones. On the front panel the user can easily patch, adress, select and control which source routes to each output zone, with individual and separate unique gain.
Each zone output is accessible on the front panel in a very logic and basic setup, where master volume, music and mic can be seperately adjusted, and where source 1-8 can be selected. There is 8 x fire alarm contact closures, EMC input, EVAC in, and a 24V DC in for safety measures.

Specifications
- 8 x 8 Signal matrix pre-amplifier mixer
- Input 1-4, stereo unbalanced RCA
- Input 5-8, balanced phoenix connectors with line/mic/phantom switch
- Separate gain on all input channels
- Priority XLR mic in with gain, LF, HF
- 2 x paging mic in via RJ485, for zone-paging and announcements
- EMC in with adjustable override priority
- 8 x fire alarm input
- Expandable up to 4 units (8 in x 32 out)
- Each output zone can feature an external zone-wall panel for local control
- Each panel in the zone out can select source, and adjust volume of zone
- 3 panels available, with local mic and line input and local volume.
- Each output channel features balanced phoenix connector, gain, HF, LF, page-gain, RJ485 remote wall input, balanced remote signal input, remote input gain.
- On the frontpanel, each zone out features source select 1-8, priority, mic volume, music volume and master volume
Specifications

Model
PZM8000

Line 1-4 Input
195mV -2V/10K Ohm

Line 5-7 Input
MIC: 5mV/600 , Line: 350mV3/10K , Phantom Power: +48V

Microphone 1
5mV-280mV/600 Ohm

Remote Paging Station
300mV-1.1V/10K Ohm

Remote Control Panel
300mV-1.1V/10K Ohm

Tone Control
100Hz +/- 10dB, 10KHz +/- 10dB

Outputs
0.775V/600 Ohm

Frequency Response
MIC: 80Hz~18KHz(+1/-3dB), line: 20Hz~20KHz (+1/-3dB)

EMC Input
775mV/10K Ohm

Microphone S/N Ratio
>65dB

Line S/N Ratio
>85dB

Degree Of Separation
>40dB

Crosstalk
>65dB

THD
<0.07%

Indicator
Power, Mic1, paging busy & monitor output

Priority
Mic1, voice alarm, local mic paging, remote zone paging, line 1-8

Communication Speed
4800bps

Communication Port
RJ45

Communication Protocol
RS485

Power Consumption
20W

Power Supply
~110V/60Hz and ~ 240V/50Hz & DC 24V

Dimensions
W484 x D304 x H132mm

Weight
6 Kg.