

RENTALS - PROCESSING



L'ACOUSTICS NETWORK MANAGER

Network Manager

- ❖ Amplified Controllers real time control and monitoring
- ❖ Workflow and application driven GUI maximizing productivity and user experience
- ❖ Automatic discovery of the units over the network and assisted unit matching
- ❖ Multiple group assignation facilitating advanced system tuning and management
- ❖ Comprehensive reporting and log of faults
- ❖ Array Morphing tool for tonal balance adjustment
- ❖ System resources indication as a function of gain, Array Morphing and EQ
- ❖ Interactive tutorials suite



XTA

Loudspeaker Management System

- ❖ A 40-bit internal data path ensures a dynamic range in excess of 110dB
- ❖ A flexible 2-input/6-output multi-mode format caters for any crossover configuration, regardless of scale
- ❖ A total of 46 parametric equalisation bands are available, each providing +15 to -30dB of gain at centre frequencies between 20Hz and 20kHz, with a wide range of 'Q's available between 0.4 to 128
- ❖ All parameters feature fine resolution with 1/36 octave frequency steps, 0.1dB gain increments, and 100 'Q' settings

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BSS

Loudspeaker Management System

- ❖ Stereo or 2 channel, 2, 3 or 4-way operation
- ❖ Two parametric EQ sections/band
- ❖ Delays up to 650mSec
- ❖ Mid-band limiters on every band
- ❖ Polarity invert and optional phase adjust on each band
- ❖ 60 user programmable memories
- ❖ On-line SWAP facility for direct A/B comparisons
- ❖ Sophisticated password protection and data 'hide' functions
- ❖ Led meter on each output
- ❖ Data archive to PCMCIA memory card
- ❖ Optional Input and Output transformer balancing
- ❖ Optional Humidity/Temperature auto correction system
- ❖ MIDI interface / Open architecture port



DOLBY LAKE

Processor System

- ❖ Supports up to four-in by 12-out signal processing for loudspeaker applications and eight-in by eight-out for EQ applications
- ❖ This allocation can be split to provide a 4x4 EQ with a loudspeaker 2x6 configuration, as well
- ❖ Conversion resolution: 24-bit
- ❖ Internal sample rate: 96kHz
- ❖ Internal data path: 32-bit floating point
- ❖ System propagation delay: 2 milliseconds any input to any output
- ❖ Operating sample rates: 44.1kHz, 48kHz, 88.1kHz, 96kHz
- ❖ THD+noise: 0.00003% typical, 20Hz to 20kHz
- ❖ Dynamic range: 140dB typical, 20Hz to 20kHz