ZETA FEATURES

Channel Facilities
- Up to 48 dual layer faders
- Up to 108 channel processing paths (42 stereo or mono plus 24 mono channels), or:
- Up to 112 channel processing paths (56 stereo)
- 8 x mono or stereo audio groups
- 2 main (program) stereo or 5.1 surround outputs with Compressors/Limiters
- 8 mono auxiliary busses configurable up to 4 stereo
- 16 multi-track outputs for IFB or recording

System Features
- Simultaneous 5.1, LCRS, stereo and mono outputs available from each main output
- Monitor sources may be any combination of 5.1, stereo and mono
- Up to 192 mono equivalent assignable inserts for outboard gear
- All channels and groups can have a direct output or a different mix-minus output
- All channels have 4-band EQ/Filters, Compressors/Limiter and Expander/Gate
- Direct outputs can be pre EQ, pre fader or post fader
- Tracks can be fed from pre EQ, pre or post fader
- Automatic cross fading facility, with user-definable fade out and in times
- Comprehensive On Air Signalization system
- VCA style grouping system
- All groups have Compressor/Limiter
- Direct input available to groups, mains, aux and mix-minus busses
- Input delay
- Unparalleled microphone input and signal path headroom

Metering
- TFT screens allow up to three rows of meters
- Each screen can have mixed sizes of meter: 1/3, 1/2, 2/3 and full screen size
- Size, location and color are all user definable
- User configurability ensures a high degree of redundancy
- Provision for mechanical VU and PPM meters where required

System Stability
- Fully redundant power supply system with automatic on-line redundant capacity
- On-board hot spares provide automatic redundancy on critical system elements: PSU, DSP and control processors
- High DC voltage power distribution allows for wide variations of AC power
- Console and racks boot from cold in less than 20 seconds
- Full control system reset in less then 15 seconds with no loss of audio
- Hot plugging of every card and module
- Non-sequential power-on process
- Embedded proprietary operating system ensures independence from PC systems
- On board Flash ROM offers 99 memories independent of the PC
- Automatic background memory stores current status for fast loading on power up
- Independent DSP operation ensures audio continuity even during PC or control reset
- PC not required for sustained operation or boot up PC failure or reset has no effect on audio signal
- SNMP status reporting

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