

SUMMA FEATURES



Surface

- 100mm Penny and Giles faders with mechanical PFL overpress
- Six surface layers
- Built-in Talkback Microphone
- Stereo Headphone Output

Processing

- A pool of 180 Channel processing paths
- 4 x Main Outputs (mono, stereo or 5.1)
- 8 x Audio Sub-Groups (mono, stereo or 5.1)
- 32 x Track Outputs (mono or stereo)
- 16 x Auxiliary Outputs (mono or stereo)
- 1 x Direct Output per Channel* (Pre EQ, Pre Fader or Post Fader)
- 1 x Mix Minus Output per Channel* (can be fed from Auto Minus, Auxes, Tracks or Off Air Conference Bus)
- 1 x Auto Minus Bus
- 1 x Off Air Conference Bus
- 1 x Insert on every Channel, Group, Main and Console Monitor Output
- 152 x External Monitor and Meter Inputs
- 4 x Automixers
- Unlimited VCA groups
- 6-band parametric EQ on every Channel, Group, Main
- Dynamics processing on every Channel, Group and Main (2 x Compressor/Limiter, Expander, Gate, Side Chain EQ/Filters)
- 2.73s of delay within every Channel, Group, Main, Aux and Track
- An additional pool of 128 blocks of assignable Input Delay (2.73s each)
- An additional pool of 128 blocks of assignable Output Delay (2.73s each)
- 5.1 Console Monitor Output (with dedicated small LS and PFL/RTB outputs)
- 3 x 5.1 Studio Monitor Outputs

*from a pool of 188 mono resources shared between direct outputs and mix minus outputs

Networking

- Integral 4096² router
- 8 redundant router connections for networking consoles and connecting I/O boxes
- All I/O provided over Hydra2 network via a wide range of I/O formats
- Cat5e or fiber connectivity

Resilience

- Highly resilient. PSU, DSP, Control Processor and Router Modules are hot-pluggable and have automatic redundancy
- Independent DSP operation ensures audio continuity in the event of a surface reset
- Low power consumption and heat generation

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