Type R

Fader panel

Processing

- 3 x independent mixing environments on one single Core
- Multiple sample rates; operates at 44.1, 48 and 96kHz. All DSP facilities available at all sample rates
- Between 18 and 60 input channels per console
- Up to 3 x (mono, stereo or 5.1) main outputs
- Up to 8 x (mono, stereo or 5.1) groups
- Up to 16 (mono or stereo) aux outputs
- De-esser on all channels
- Expander/gate/ducker a with sidechain EQ on all channels and groups
- Automixer on every mono channel and group
- Compressor/Limiter on all direct outputs & mix minus outputs
- 1 x assignable direct output per channel/ group
- 1 x assignable mix minus output per channel/group
- 1 x insert send & return per channel/ group/aux/main (mono, stereo or 5.1)
- Dedicated monitor inserts available to console LS, studio 1 LS and misc LS
- 2 x stereo mix minus buses
- 1 x off-air stereo conference bus
- 48 x external monitor/meter inputs
- Unlimited VCA groups
- 4 band full Parametric EQ + LF & HF filters with 12 or 24dB/octave slopes on every channel, group, aux and main
- 5.4s Input Delay per Channel from a pool of 48 delay blocks
- 5.4s Path Delay for every path from a pool of 48 delay blocks
- 5.4s Output Delay per Output including Direct Outputs from a pool of 48 delay blocks

I/O

- 2U Core provides 4 x AES input ports, 4 x AES output ports, 8 x channels of analogue mic/line input with 48v phantom power indication, 8 x channels of analogue line level output, 12 x GPI, 12 x GPO ports and 2 x stereo headphone outputs, with optional redundant AoIP boards
- 1U Combination I/O unit provides 4 x AES input ports, 4 x AES output ports, 8 x channels of analogue mic/line input with 48v phantom power indication, 8 x channels of analogue line level output, 6 x GPI, 6 x GPO ports and 2 x stereo headphone outputs, with optional redundant AoIP boards
- 1U Analogue I/O unit which provides 16 x channels of analogue mic/line input with 48v phantom power indication, 16 x channels of analogue line level output, 6 x GPI and 6 x GPO ports
- 1U Digital AES I/O unit which provides 8 x AES input ports with SRC indication, 8 x AES output ports, 6 x GPI and 6 x GPO ports

Large soft panel (LSP)

Small soft panel (SSP)

Surface and Hardware

- Full size 100mm faders
- Up to 48 physical faders on one surface
- External Talkback microphone
- 2 x stereo headphone outputs (1/4" TRS jack) I/O boxes
- Integral 512^2 router
- AoIP connectivity, including redundant connectivity for all I/O boxes
- Up to 256 audio channels per AoIP port

Core and I/O boxes

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