

Control Surface	
Input Faders	24
Output Faders	8 +3 (LRC masters) +1 (Monitor A/B)
Total Faders	36
3D Vistonics screens	4 (3 input, 1 master)
Fader bay operation	4x Fixed Input layers A/B/C/D giving 96 inputs on 24 fdrs. 5x User layers 1-5 1x All Busses Layer 24 mono/stereo busses VCA/A/B/C/D/E output fader pages, (A-E user definable)

Local I/O Physical connectors	
Mic/Line Inputs	16, 32 or 48 configurable (max 3x 16ch input cards of 4 total) (depends on number of o/p cards fitted).
Line Outputs	48, 32 or 16 configurable (max 3x 16ch out cards of 4 total) (Last 5 outs always used for local monitors)
AES/EBU In	2 (=4ch) plus optional 16ch via Vista1 card (remove 2 mic or line out cards to fit).
AES/EBU Out	2 (=4ch) plus optional 16ch via Vista1 card (remove 2 mic or line out cards to fit).
TB Mic in	1 front panel, with rear-switched 48V.
Phones out	1 ste jack, under armrest
Optical MADI In/Out	1 (outputs paralleled with Dante interface).
Dante ports	1x 64ch in/out (2x Ethercon Pri/Sec). Dante inputs are A/B switched with optical MADI.
D21m Option Slots	2 double/4single (total 128ch)
Total number of simultaneous IO channels	246 inputs / 214 outputs (assumes 48 mic in/16 line out config)

DSP Mixing Core	Soundcraft® SpiderCore
Processing	40-bit Floating point, 48kHz sample rate
Input Channels to mix	96 mono Pairable to 48 stereo
Busses - Aux/Grp	24 mono/stereo
Busses - Matrix	From 24 bus pool – max 16 mono/stereo.
Busses - Master	3 (LRC)
Assignable Insert Points	24 + 4FX
Tie Lines	24 (allow Stagebox IO to connect to Local IO without using mixing channels).
Lexicon FX	4 units (14 reverbs, 7 delays, 8 pitch-shift effects in each unit) Tap Delay from F-key 1-4.
BSS GEQ	24 mono/stereo +LRC.

External Control Ports	
Ethernet	1 (dedicated HiQnet / Realtime Rack control)
MIDI	1 In, 1 Out

Other Ports	
Mains Input	2, switched (redundant power supplies built in)
USB2.0	4 (2 front, 2 rear)
Wordclock	In /Out 2x BNC
DVI out	Reserved for future use
Gooseneck lamp 4-pin XLR	2, for rear panel illumination

Stagebox	Optional, via MADI optical or Cat 5 option cards fitted to D21m expansion slots. Can connect up to 2 x 64ch Vi Stageboxes. Also compatible with Compact Stagebox and Mini Stagebox
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