DiGiCo
D₂-Rack
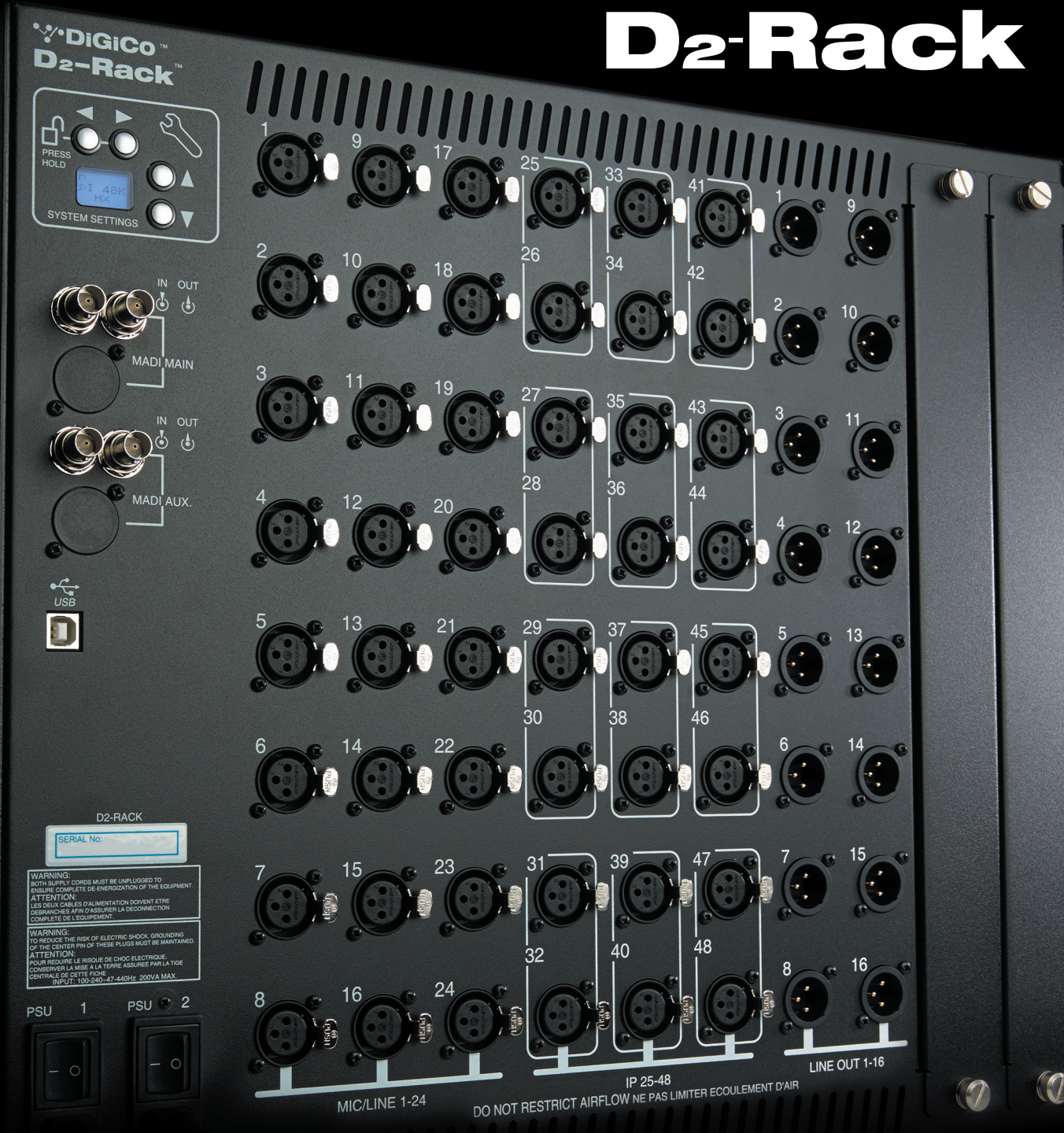

Option 1
48 Mic/Line Inputs 16 Analogue Outputs
as Standard with 16 optional outputs
BNC

Option 2
48 Mic/Line Inputs 16 Analogue Outputs
as Standard with 16 optional outputs
CAT5E

Option 3
24 Mic/Line 24 AES Inputs 16 Analogue Outputs
as Standard with 16 optional outputs
BNC

Option 4
24 Mic/Line 24 AES Inputs 16 Analogue Outputs
as Standard with 16 optional outputs
CAT5E

DiGiCo
D2-Rack

The D2 Rack is the latest addition to the range of high sample rate racks. The compact 9U D2 rack has a fixed format 48 inputs with 16 outputs fitted as standard. The output count can be increased to 32 by populating the 2 spare 8 channel output slots with one or more of the 3 option modules – Line out , AES out or Aviom out (uses both slots).

The 48 inputs can be specified as either 48 mic in or 24 mic/24 AES in.

As standard, there are 2 MADI Ports, available either as BNC or DiGiCo CAT5E connections that are available on the SD9 and SD11. These ports allow rack sharing at 48K between any two SD Series consoles or digital splits for recording. When running at 96K, these two ports combine to create a single high definition 96K MADI connection with no reduction in IO.

The D2 rack has dual redundant power supplies as standard with LED indicators on the front panel.

The SD Rack style menu system allows for customised rack settings and the control and activation of the D2 Rack's internal oscillator.

Optional Aviom, AES and or Analogue Ouput cards

Audio Specification

Sample Rate	48kHz or 96kHz
A>D & D>A	24-bit Converter Bit Depth
Frequency Response	+/- 0.6dB (20Hz – 20kHz)
THD	<0.05% @ Unity Gain, 10dB Input @ 1kHz
Channel Seperation	Better Than 90dB (40Hz – 15kHz)
Residual Output Noise	<90dBu Typical (20Hz - 20kHz)
Microphone Input Equivalent Noise	Better Than -126dB
Maximum Output Level	+22dBu
Maximum Input Level	+22dBu

Option 1	Option 2	Option 3	Option 4
48 MIC/LINE inputs	48 MIC/LINE inputs	24 MIC/LINE inputs	24 MIC/LINE inputs
16 LINE output	16 LINE output	24 AES inputs (12 stereo) with sample rate converters	24 AES inputs (12 stereo) with sample rate converters
Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards	Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards	16 LINE outputs	16 LINE output
Dual MADI console interface -BNC	Dual MADI console interface - CAT5E	Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards	Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards
		Dual MADI console interface -BNC	Dual MADI console interface - CAT5E

482.60mm / 19.00"

248.00mm / 9.76"

399.20mm / 15.72" / 9U

DiGiCo 96 KHz

PSU 1

PSU 2

D2-Rack

DiGiCo