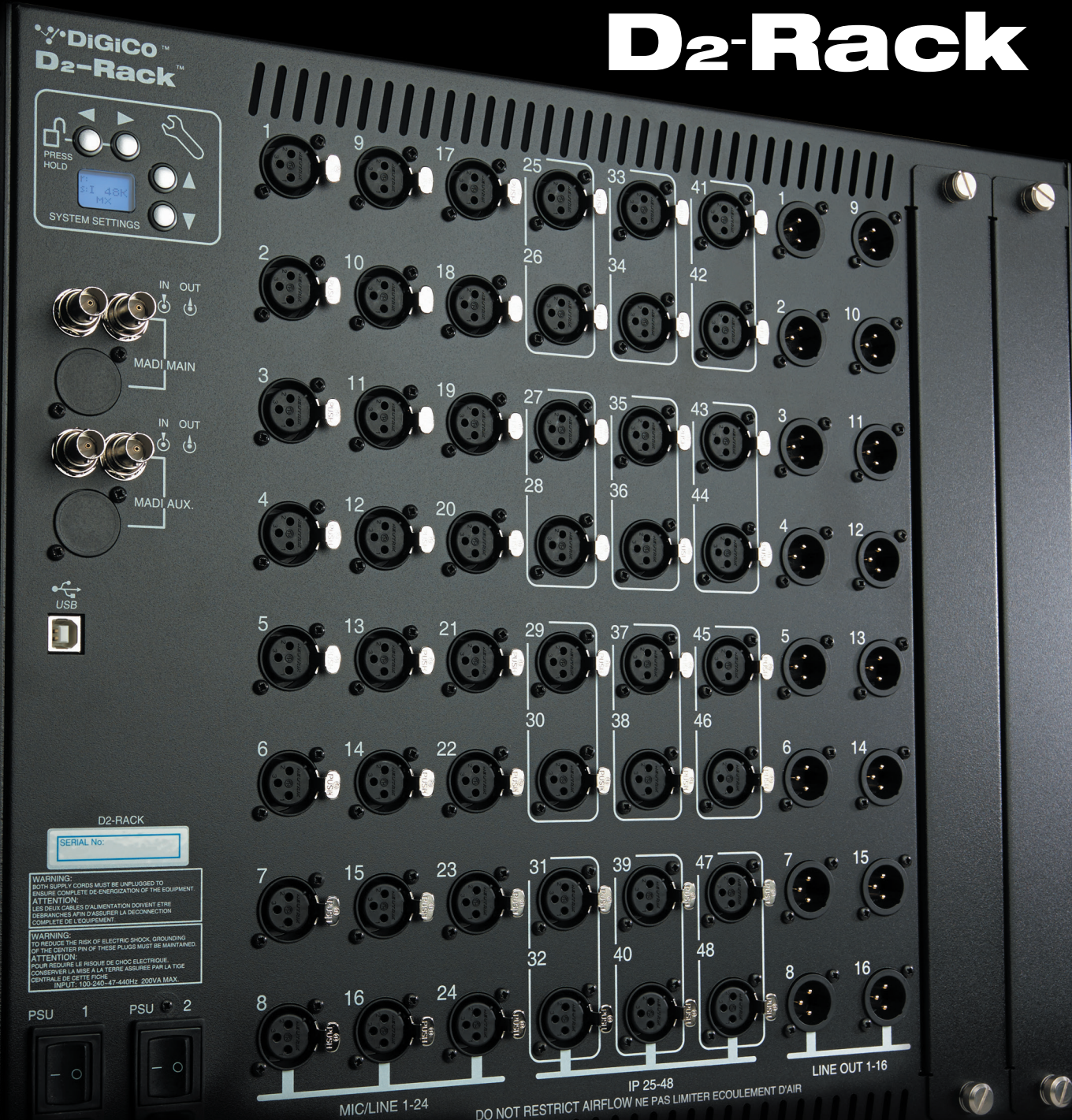


DiGiCo **D2-Rack**



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



Optional Aviom, AES and or Analogue Output cards

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.

Option 1



48 MIC/LINE inputs
16 LINE output
Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards
Dual MADI console interface -BNC

Option 2



48 MIC/LINE inputs
16 LINE output
Two eight channel output option slots. 8 channel analogue LINE output cards or 4 channel STEREO AES output cards
Dual MADI console interface - CAT5E

Option 3



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

Option 4



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

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 Separation	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

