TYPICAL SPECIFICATIONS

Frequency Response	Mic/Line Input to any output, 20Hz - 20kHz	<1dB
THD + N	Mic sens. -30dBu, +20dBu at all outputs @1kHz	<0.006%
Noise	Measured RMS, 22Hz to 22kHz Bandwidth	
	Mic E.I.N. @ unity gain,150Ω source impedance	-128dBu
	Mix Output, 40 inputs routed to mix	<-82dBu
	Group & Centre Outputs	<-83dBu
	Aux Outputs (GB2 Groups only)	<-80dBu
	Matrix Outputs	<-89dBu
Crosstalk (@1kHz, typical)	Input Channel Mute	<-97dB
	Input Fader cut-off	<-95dB
	Pan isolation	<-75dB
	Mix route isolation	<-97dB
	Group route isolation	<-97dB
	Adjacent channel crosstalk	<-99dB
	Group to Mix	<-84dB
	Aux Send pots offness (typical)	<-84dB
	Matrix Send pots offness (typical)	<-84dB
CMRR	Typical @ 1kHz	80dB
Input & Output Max Levels	Mono & Stereo Mic Inputs	+15dBu
	Mono & Stereo Line Inputs	+30dBu
	Stereo Returns & Insert Returns	+20dBu
	Any output	+20dBu
	Nominal Operating Level	0dBu
	Headphone Power	2 x 250mW into 200Ω
Input & Output Impedances	Mic Inputs	2kΩ
	Line Inputs and Stereo Returns	10kΩ
	Input channels Insert Return	5kΩ with EQ in, otherwise 3kΩ
	Mix, Group, Aux, Matrix & Direct outputs	150Ω
	Insert sends	75Ω
	Recommended Headphone Impedance	100 - 600Ω
High pass filter (Mono input)		100Hz, 18dB per octave
EQ (Mono input)	HF	13kHz, +/-15dB, 2nd order shelving
	Hi-Mid	550Hz-13kHz, +/-15dB, Q=1.5
	Lo-Mid	80Hz-1.9kHz, +/-15dB, Q=1.5
	LF	80Hz, +/-15dB, 2nd order shelving
Metering	Input channels (GB4/GB8)	Single tri-colour 4-segment LED bargraph
	Outputs (GB4)	7 tri-colour 12-segment LED bargraphs
	Outputs (GB8)	11 tri-colour 12-segment LED bargraphs, + Meterpod with 3 VU meters (L/R/C)
	Outputs (GB2)	2 tri-coloured 12-segment LED bargraphs, (indicates monitor source level)
Power consumption	AC mains supply (internal PSU) 85V-270V AC, 50/60Hz universal input	
	Power consumption	Less than 150W
Operating conditions	Temperature range	-10°C to +30°C
	Relative humidity	0% to 80%

Note:These figures are typical of performance in a normal electromagnetic environment and are often exceeded. Performance may be degraded in severe conditions. All measurements refer to electronically balanced inputs and outputs.