

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 Mix Output, 40 inputs routed to mix Group & Centre Outputs Aux Outputs (GB2 Groups only) Matrix Outputs	-128dBu <-82dBu <-83dBu <-80dBu <-89dBu
Crosstalk (@1kHz, typical)	Input Channel Mute Input Fader cut-off Pan isolation Mix route isolation Group route isolation Adjacent channel crosstalk Group to Mix Aux Send pots offness (typical) Matrix Send pots offness (typical)	<-97dB <-95dB <-75dB <-97dB <-97dB <-99dB <-84dB <-84dB <-84dB
CMRR	Typical @ 1kHz	80dB
Input & Output Max Levels	Mono & Stereo Mic Inputs Mono & Stereo Line Inputs Stereo Returns & Insert Returns Any output Nominal Operating Level Headphone Power	+15dBu +30dBu +20dBu +20dBu 0dBu 2 x 250mW into 200Ω
Input & Output Impedances	Mic Inputs Line Inputs and Stereo Returns Input channels Insert Return Mix, Group, Aux, Matrix & Direct outputs Insert sends Recommended Headphone Impedance	2kΩ 10kΩ 5kΩ with EQ in, otherwise 3kΩ 150Ω 75Ω 100 - 600Ω
High pass filter (Mono input)		100Hz, 18dB per octave
EQ (Mono input)	HF Hi-Mid Lo-Mid LF	13kHz, +/-15dB, 2nd order shelving 550Hz-13kHz, +/-15dB, Q=1.5 80Hz-1.9kHz, +/-15dB, Q=1.5 80Hz, +/-15dB, 2nd order shelving
Metering	Input channels (GB4/GB8) Outputs (GB4) Outputs (GB8) Outputs (GB2)	Single tri-colour 4-segment LED bargraph 7 tri-colour 12-segment LED bargraphs 11 tri-colour 12-segment LED bargraphs, + Meterpod with 3 VU meters (L/R/C) 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 Relative humidity	-10°C to +30°C 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.