

Specifications:

GI2400-416 Specification		
Performance		
Maximum	Mic	+34dBu(inc pad)
	CH Line	+34dBu
	Other Line	+24dBu
Maximum output level	XLR	+26dBu
	jack	+20dBu
Internal headroom	Channels	+20dBu
	Mix	+22dBu
Meters	3 colour LED, quasi peak response	
Sensitivity	0VU=+4dBu at XLR output	
Master meters	12 segment	-30 to +16dBu
Channel meters	4 segment	-12, 0, +6+16dB(5db before clip)
Frequency response	20Hz to 50kHz	+/-0.5dB
Mic CMRR at 1kHz	> 80dB typical	
THD+n at+14dBu 1kHz	Channel to mix out< 0.003%	
Crosstalk at 1kHz	Fader shutoff	> 90dB
	Mute shutoff	> 90dB
	Inter channel	> 90dB
Noise, rms 22Hz to 22Hz	Mic EIN -128dB	
	Residual output noise	< -96dBu(-100db S/N)
	LR mix noise 16 routed	< -96dBu(-100db S/N)
	Group mix noise 16 routed	< -96dBu(-100db S/N)
	Aux mix noise 16 routed	< -96dBu(-100db S/N)
	Mix noise 16 line 0dB gain	< -86dBS/N
Channel HPF	12dB/octave below 100Hz	
Mono EQ	HF	Shelving +/-15dB, 12kHz
	HM	Peak/dip+/-15dB, 500Hz to 15kHz, Q=1.8
	LM	Peak/dip+/-15dB, 35Hz to 1kHz, Q=1.8
	LF	Shelving +/-15dB. 80Hz
Stereo EQ	HF	Shelving +/-15dB, 12kHz
	LM	Peak/dip +/-15dB, 35Hz to 1kHz, Q=1.8

	HM	Peak/dip+/-15dB2.5KHZ, Q=1.8		
	LM	Peak/dip+/-15dB, 250Hz, Q=1.8		
	LF	Shelving +/-15dB. 80Hz		
Power supply(16-32ch)	Internal switched mode, mode sensing, IEC input			
	External input for optional MPS 12 backup supply			
Power supply(40ch)	External RPS11 linear, IEC input Console input fpr second RPS11 as backup supply			
Mechanical				
	16	24	32	40
Width	609mm(24")	817mm(32.2")	1025mm40.4")	1233mm(48.5")
Depth	560mm(22")			
Height	150mm(5.9")			
Weight	16.5kg(36.3lbs)	21.5kg(47.3lbs)	26.5kg(58.3lbs)	32kg(70.5lbs)