

# PRO III SERIES



The Pro 3 Series combines the simplicity of the Diamond Club series with the requirement of more complex professional applications.



## Models Available:

- Pro 12.3: 12 Mic/10 Line + 2 Mono/Stereo
- Pro 16.3: 16 Mic/14 Line + 2 Mono/Stereo
- Balanced Mic/Line inputs.
- Monster (Mono-Stereo) Inputs for full flexibility.
- Gain control with 3 Band EQ & mid-sweep on each channel.
- 4 Aux Send/level AB & Aux 4 AB returns on board.
- L/R Pan/Bal control & Signal/Peak led per channel.
- Master (L-R), Group (G1-G2), PFL Self illuminated switches per channel.
- Aux 1/2 - Pre fader & Aux 3/4 - Post fader.
- Group switchable to Main Mix/Mono or both.
- Headphone & bargraph monitoring by selection of Mix/Group & Mono/PFL.
- Stereo CD In/Record Out & ¼" Headphone out.
- Balanced XLR Master Output.
- Separate Mono Output with Level Control on Balanced XLR connector.
- +48V Phantom on all channels except first 6 channels.
- 12 Segments LED Meter.
- Operates on wide mains supply variation 150V-240V.

Technical Specifications	Diamond Pro 12.3	Diamond Pro 16.3
Nominal Gain (Mic/Line/Stereo Line)	60dB/40dB/20dB	
Max Gain (Mic/Line/Stereo Line)	80dB/60dB/40dB	
Input Levels Sensitivity		
Mic (Gain Min/Gain Max)	-10dBu / -60dBu	
Line (Gain Min /Gain Max)	-10dBu / -40dBu	
Stereo Line (Gain Min /Gain Max)	-10dBu/ -20dBu	
Input impedance		
Mic Input	Typically 1.7KΩ Balanced	
Line input	17KΩ (Balanced) /8KΩ (Unbalanced)	
Main out & Group Out level (Nominal / Max)	+0dBu (0.775V RMS) / +22dBu (10V RMS)	
Main Output Impedance	< 30Ω	
Frequency Response	20Hz to 20KHz (+0/-1 dB)	
Total Harmonic Distortion	< 0.1	
Signal to Noise Ratio	-78dB	
Clip indication	5 dB prior to true clip	
Equalisation		
Mono Mic [Treble/Mid(with sweep)/Bass]	±16dB @ 12KHz/350Hz-6KHz/60 Hz	
Stereo Mic/Line (Treble/Mid/Bass)	±16dB @ 12KHz/2.5KHz/45 Hz	
Phantom supply	+48V (Except first 6 channels)	
Power supply	150V~250V AC/50Hz	
Dimensions (W x D x H)mm	483 x 460 x 128	599 x 460 x 128
Net Weight (Kgs.)	9.2	10.6