

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 |