

## TECHNICAL SPECIFICATIONS

### Instrument Inputs

Connectors:	Two 1/4" phone jack, pseudo-balanced
Impedance:	1 Mohm
Max. Input Level:	18 dBu
Min. Input Level for 0 dBFS:	-6 dBu
Sensitivity:	-6dBu to +18 dBu

### Loop 1-4

Connectors:	Two 1/4" phone jacks x 4
Impedance, input/output:	91 kOhm/100 Ohm
Max. Output Level:	12 dBu
Output Ranges:	6 to 10 dBu

### Insert

Connectors:	Two 1/4" phone jacks
Impedance, input/output:	24 kOhm(Balanced 35 kOhm)/ 100Ohm(Balanced 200 Ohm)
Max. Output Level:	12 dBu
Output Ranges:	6 to 10 dBu

### Analog Outputs (L/R)

Connectors:	Two 1/4" phone jacks
Impedance:	100 Ohm (Balanced 200 Ohm)
Max. Output Level:	12 dBu
Output Ranges:	0 to 10 dBu

### Digital Outputs

Connectors:	RCA Phono (S/PDIF)
Formats:	S/PDIF (24 bit), EIAJ CP-340, IEC 958, 75Ohm
Sample Rate:	44.1 kHz

### System Performance

Frequency Response:	typ. : +0.0/-0.4 dB, 20 Hz to 20 kHz
Dynamic Range:	typ.: > 95 dB, 20Hz to 22kHz, 0dBFS
THD:	typ.: < -80 dB, 20Hz to 22kHz, -1dBFS
A to D Conversion:	24 bit, 128 x oversampling bitstream, DSR
D to A Conversion:	24 bit, 128 x oversampling bitstream, DSR

### EMC

Complies with:	EN 55103-1 and EN 55103-2 FCC part 15, Class B, CISPR 22, Class B
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### Safety

Certified to:	IEC 60065 / EN 60065/ UL 60065 / CSA E60065
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### Environment

Operating Temperature:	32° F to 122° F (0° C to 50° C)
Storage Temperature:	-22° F to 167° F (-30° C to 70° C)
Humidity:	Max. 90 % non-condensing

### Control Interface

MIDI:	In/Out: 5 Pin DIN
USB:	USB 1.1, type B
Pedal (Exp and Vol):	Four 1/4" stereo phone jack (2 on GFX01, 2 on Control Board)
Relay closure (seperate tip and ring connection to sleeve):	4 relays on two 1/4" stereo phone jack for amp Switching

### Misc

DC output:	4 x 9VDC outputs, 200mA totally, Shield(+) Pin(-)
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### General

Finish:	Anodized aluminum front Plated and painted steel chassis
Display:	2x20 character STN-LCD display + 20x7 Dot-Matrix
Footswitches:	18 Illuminated Footswitches (6 with build-in Rotary Encoders)
Dimensions:	20.2" x 10.5" x 4.1" (512.9mm x 265.9mm x 103.4mm)
Weight:	17.2 lb. (7.83 kg)
Mains	
Voltage:	100 to 240 VAC, 50 to 60 Hz (auto-select)
Power Consumption:	<20 W
Warranty Parts and labor:	According to EU regulations

Technical specifications are subject to change  
without notice.