

# DSP 256 Specifications

## **SYSTEM PERFORMANCE**

Frequency Response.....	±2dB from 20 Hz to 20 KHz
Signal-to-Noise Ratio .....	>82dB linear, 20 Hz - 22 KHz
Distortion.....	<0.01% @ 1 KHz (-10dBV)
Crosswalk.....	<90dB below full scale

## **INPUT**

Number of Channels .....	2
Format .....	1/4" unbalanced
Sensitivity .....	-10dBV
Maximum Level .....	+10dBV
Impedance .....	1M Ω/channel stereo, 500K Ω/channel mono

## **A/D - D/A CONVERSIONS**

A/D converter .....	18-bit Sigma-Delta
D/A converter.....	18-bit Sigma-Delta

## **OUTPUT**

Number of Channels .....	2
Format .....	1/4" unbalanced
Maximum Level.....	+11.5 dBu
Output Impedance.....	<500Ω

## **FRONT PANEL**

Controls .....	INPUT, MIX, OUTPUT, PROGRAM, VARIATIONS
Indicators .....	Power LED, Peak LED

## **REAR PANEL**

Input (LEFT/MONO, RIGHT) .....	1/4" 2-conductor
Output (LEFT, RIGHT) .....	1/4" 2-conductor
BYPASS.....	1/4" 1-conductor (accepts normally open/closed) (Momentary footswitches)
Power .....	AC 9 Volt Power Transformer Adapter

## **EFFECTS**

Processor Speed .....	12.5 MIPs (million instructions per second)
Internal processing resolution .....	52-bit accumulator
Factory Present Programs (ROM) .....	16
Factory Variations for each Present Program (ROM) .....	16
Delay memory .....	3000 milliseconds
Reverb effects .....	Concert Hall, Room, Plate
Delay effects .....	Mono Delay, Delay/Rev
Pitch effects .....	Stereo Tremolo, Stereo Chorus, Stereo Flange, Flange/Rev, Chorus/Rev, Rotary

## **SIZE**

Dimensions .....	5.2" x 4.6" x 1.7" (131 x 116 x 44mm)
Weight .....	3 lbs (0.90 g)

*The specifications above are correct at the time of printing of this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.*