

M-One - Dual effects processor



Behind the cool looking exterior of this Dual Effects processor is more than 20 years of know-how and experience in creating high quality sound machines with state-of-the-art sound. The M-One combines our heritage with affordability!

More than 20 high quality algorithms enable you to make music instead of wasting time programming! Let TC's world acclaimed intuitive user interface take you there fast and easy.

Technical Specifications

Digital Inputs and Outputs

Connectors	RCA Phono (S/PDIF)
Formats	S/PDIF (24 bit), EIAJ CP-340, IEC 958
Output Dither	HPF/TPDF dither 24/20/16/8 bit
Sample Rates	44.1 kHz, 48 kHz
Processing Delay	0.1 ms @ 48 kHz
Frequency Response	DC to 23.9 kHz \pm 0.01 dB @ 48 kHz
Analog Inputs	
Connectors	1/4" phone jack, balanced
Impedance, balanced/unbalanced	21 kOhm / 13 kOhm
Max. Input Level	+24 dBu
Min. Input Level for 0 dBFS	0 dBu
Sensitivity: @ 12 dB headroom	-12 dBu to +12 dBu
A to D Conversion	24 bit, 128 x oversampling bitstream
A to D Delay	0.65 ms / 0.70 ms @ 48 kHz / 44.1 kHz
Dynamic Range	100 dB typ, 20 Hz - 20 kHz
THD	typ < 92 dB (0,0025 %) @ 1 kHz
Frequency Response	+0/-0.1 dB @ 48 kHz, 20 Hz to 20 kHz

Crosstalk	<-95 dB, 20 Hz to 20 kHz
Analog Outputs	
Connectors	1/4" phone jack, balanced
Impedance balanced /unbalanced	40 Ohm
Max. Output Level	+20 dBu (balanced)
Output Ranges	Balanced: 20/14/8/2 dBu
Unbalanced	14/8/2 dBu
D to A Conversion	24 bit, 128 x oversampling bitstream
D to A Delay	0.63 ms / 0.68 ms @ 48 kHz / 44.1 kHz
Dynamic Range	104 dB typ, 20 Hz to 20 kHz
THD	typ <-94 dB (0.002 %) @ 1 kHz, +20 dBu Output
Frequency Response	+/- 0.5 dB @ 48 kHz, 20 Hz to 20 kHz
Crosstalk	<-100 dB, 20 Hz to 20 kHz
Complies with	EN 55103-1 and EN 55103-2 FCC part 15, Class B, CISPR 22, Class B
Safety	
Certified to	IEC 65, EN 60065, UL6500 and CSA E65
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/Thru: 5 Pin DIN
Pedal	1/4" phone jack
General	
Finish	Anodized aluminum front Plated and painted steel chassis
Display	23 character / 280 icon STN-LCD display
Dimensions	19" x 1.75" x 8.2" (483 x 44 x 195 mm)
Weight	4.1 lb. (1.85 kg)
Mains Voltage	100 to 240 VAC, 50 to 60 Hz (auto-select)
Power Consumption	<15 W
Warranty	

Parts and Labor

1 year