

Features

- Stereo compressor with VCA based signal detection
- Super low noise, IC based input section
- Side chain input allows a separate source to be used as the compression trigger
- IC based, ultra low noise output stage
- VU meter for Input / Output Level and Gain Reduction monitoring
- Selectable high pass filter
- Threshold, Attack, Release and Ratio controls
- Selectable detection type Peak or RMS
- Selectable compression type Soft or Hard Knee
- Blend control allows you to mix the compressed audio signal with the original signal
- Stereo Inputs / Outputs (balanced XLR's)
- Selectable Side Chain input (balanced XLR)
- Class A/B signal chain topology
- Peak or RMS Detection
- Hard or Soft Knee Compression
- Compression In/Out Switch
- Threshold Control (-15dB / +15dB)
- High Pass Filter (20, 60, 90, 130 and 200Hz)
- Attack (0.10ms - 30ms)
- Release (0.10s - 1.5s)
- Compression Ratio (between 1.5:1 and 10:1)
- Dry/Wet control (Full Dry CCW is full uncompressed signal, Full Wet CW is full compressed signal)
- Output Gain control (-60db to +20dB)
- VU Meter selector control (inputs, outputs and gain reduction)
- Output Signal Overload LED (+4dB)



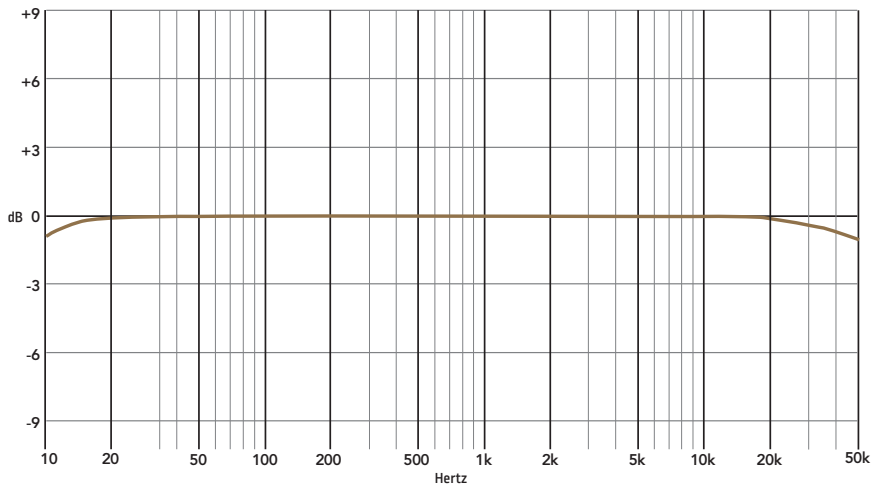
General Specifications	
Noise	< 120dB with compression out Noise level is gain reduction dependent with compression engaged
Output Type	Transistor Class AB to drive 10kΩ
Maximum Output	+20 dBu into 600Ω load impedance
Frequency Response	10Hz - 50kHz -0.5 dB
Indicators	
Meter Light	Power ON
Red	Compressor Out
Red	Output Overload
Internal Power Supply	
100 to 240 VAC (50/60 Hz)	Switch mode power supply, fully shielded Quiescent Consumption 0.5 Watts Peak Output 3 Amps
User Controlled Functions	
ON Switch	Turn Pre Amp ON - VU meter light on
Compression Switch	In / Out
Side Chain Switch	In / Out
Knee Switch	Soft / Hard
Detection Switch	Peak / RMS
High Pass Filter Switch	Provides a 24dB/octave high pass filter at 20Hz, 60Hz, 90Hz, 130Hz and 200Hz
Threshold Control	Sets Threshold level (-15dB to +15dB)
Attack Control	Sets Attack time between .1 and 30ms
Release Control	Sets Release time between .1 and 1.5s
Ratio Control	Sets compression ratio between 1.5:1 and 10:1
Blend Control	Blends the uncompressed audio signal with the compressed signal path
Output Gain Control	Provides output gain control between -60db and +20dB

VU Meter Switch	Selects VU Meter drive signal between input, output and gain reduction signal paths
Inputs/Outputs	
Stereo Inputs	IC Based Class AB Balanced Circuit
Side Chain	IC Based Class AB Balanced Circuit
Stereo Outputs	IC Based Class AB Balanced Circuit
Physical Specifications	
Depth	280mm / 11.02 inches
Height	44.5mm / 1.75 inches (1 RU)
Width	480mm / 19 inches
Weight	4.4 kg / 9.7 lbs
Box Size	
Depth	400mm / 15.75 inches
Height	150mm / 5.90 inches
Width	620mm / 24.4 inches
Weight	6.1 kg / 13.4 lbs



Performance Graphs

Frequency Response



Control Signal High Pass Filter - 20Hz, 60Hz, 90Hz, 130Hz, 200Hz

