

# PRO VLA

PROFESSIONAL TWO CHANNEL VACTROL®/TUBE COMPRESSOR - LEVELING AMPLIFIER

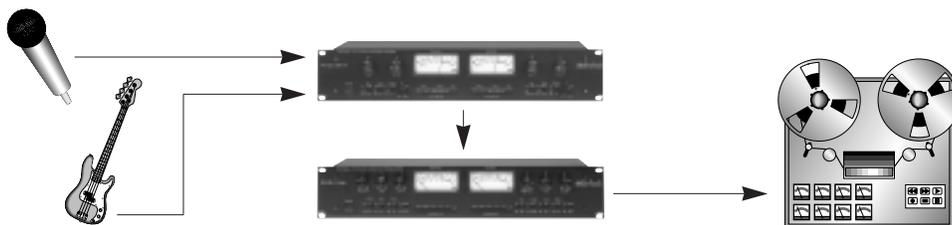


The PRO VLA (Vactrol-based Leveling Amplifier) is a multi-purpose tool for audio engineering and recording. Its two independent (and stereo link-able) channels of analog leveling/compression are designed to work seamlessly with any recording, sound-reinforcement, or electronic instrument setup. A VCA-less design utilizes optical electronics (Vactrol) coupled with a 12AX7 vacuum tube gain stage for superior musical performance.

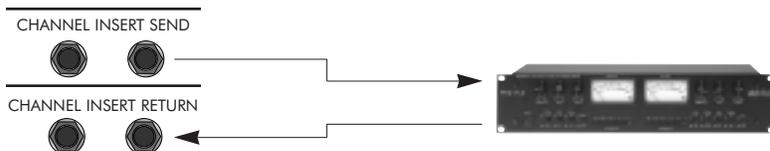
The PRO VLA was designed to excel in areas where transparent, expressively musical dynamics control is desired. In addition to making signal levels more manageable, it is common practice to apply compression or limiting to a signal to make it louder or more "in-your-face". By utilizing opto-electronics, the PRO VLA allows you to add more compression without hearing it - unlike typical compressors which use VCAs to control level detection.

Developed in partnership with studio and live sound engineers, the PRO VLA possesses a "sound" that is not available from any other compressor on the market - at any price! A member of the A R T Reference Series, the PRO VLA was designed and constructed with the absolute best components, assuring a lifetime of quiet, reliable performance.

*~ Mic or Instrument Direct to Tape through the Pro MPA and Pro VLA ~*



*~ In the Channel Insert of a Mixer ~*



*~ Pro VLA Used for Mastering Before Digital Mix Deck ~*



**A R T**  
APPLIED RESEARCH AND TECHNOLOGY

## FEATURES:

**VCA-LESS DESIGN  
PROVIDES UNRIVALED  
MUSICAL PERFORMANCE**

**PROVIDES SUPERIOR  
DYNAMICS CONTROL FOR  
EVERY COMPRESSION  
APPLICATION**

**VARIABLE THRESHOLD,  
RATIO AND OUTPUT  
CONTROLS**

**SMOOTH, SILKY AND  
TRANSPARENT SOUND  
QUALITY**

**VARIABLE INPUT AND  
OUTPUT GAIN CONTROLS**

**PROFESSIONAL BACKLIT  
VU INPUT/OUTPUT LEVEL  
METERING**

**TEN SEGMENT GAIN  
REDUCTION LED ARRAY**

**XLR AND 1/4" INPUTS AND  
OUTPUTS**

**MASTERING QUALITY  
AUDIO PROCESSING**

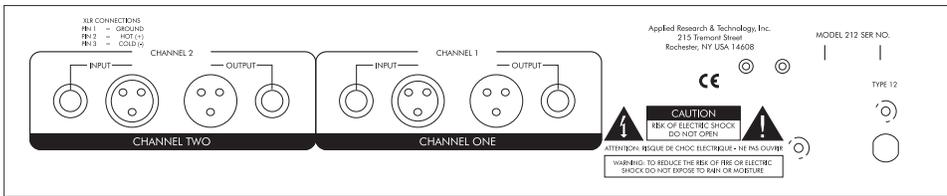
**WINNER - 1998  
ELECTRONIC MUSICIAN  
EDITORS CHOICE AWARD**

**5 YEAR WARRANTY**

**DESIGNED AND  
MANUFACTURED IN THE  
USA**

# PRO VLA

## SPECIFICATIONS



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Dimensions	19"W X 6.5"D X 3.5"H
Weight	9.0 lbs
Input/ Output Connections	balanced XLR & 1/4" TRS
Input Imp. XLR, 1/4"	20K ohms, 1M ohms
Output Imp. XLR, 1/4"	600 ohm, 300 ohms
Max. Input Level, XLR, 1/4"	+21dBm
Max. Out Level, XLR	+27dBu (RL = 100KW, THD = 5%)
Max. Out Level, 1/4"	+21dBu (RL = 100KW, THD = 5%)
Freq. Response	10Hz to 20kHz (+/- .5dB)
Dynamic Range	>100dB (20-20kHz)
THD @ 0dB out:	<0.1% (typical)
EIN XLR to XLR	-99dBm ('A' weighted)
1/4" to 1/4"	-97dBm ('A' weighted)
Attack Time	Fast .2ms, Slow 15ms (20dB comp.)
Release Time	Fast-300ms, Slow 100ms-3sec.
Slope	Variable: 2:1 to >10:1
Max. Atten.	30dB
Power	100-125VAC, 25W (USA), Internally fused Other power requirements configured for country of destination
Warranty	Five Years



Winner 1998 Electronic Musician Editors Choice Award for Best Dynamics Processor Under \$1000.

"It's one of the few products I've encountered that has caused me to rethink the way I work in my studio. That's high praise indeed."

Electronic Musician  
June 1997

"It's one damned impressive device from the second I ran a signal into it until I turned it off."

Recording  
September 1997

## APPLICATIONS:

Four to Twenty-Four Track Recording Studios  
FOH Sound Systems  
Multitrack to Digital Mixing/ Mastering  
Digital Audio Workstation & Computer Recording  
MIDI Recording and Samplers  
Broadcast Edit Suites  
Club and Fixed Installation Sound Systems

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