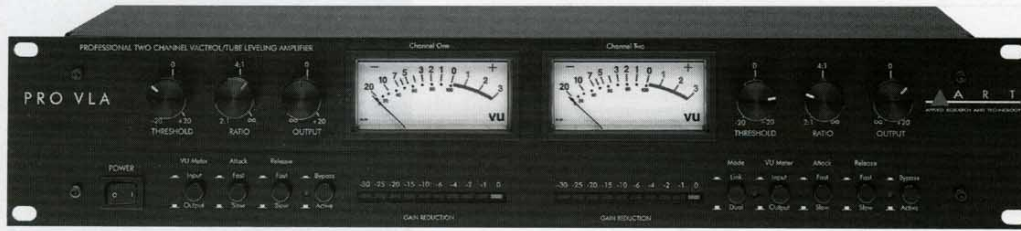


PRO VLA

Professional Two Channel Vactrol/Tube Compressor - Leveling Amplifier

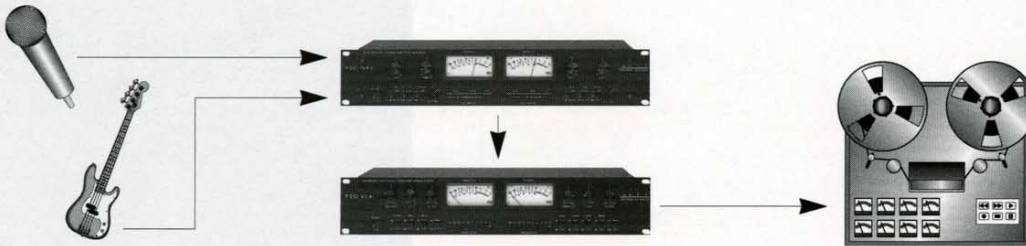


The PRO VLA (Vactrol-based Leveling Amplifier) is a multi-purpose tool for audio engineering and recording. Its two independent (and stereo link-able) channels of analog leveling/compression are designed to work seamlessly with any recording, sound-reinforcement, or electronic instrument setup. A VCA-less design utilizes optical electronics (Vactrol) coupled with a 12AX7A vacuum tube gain stage for superior musical performance.

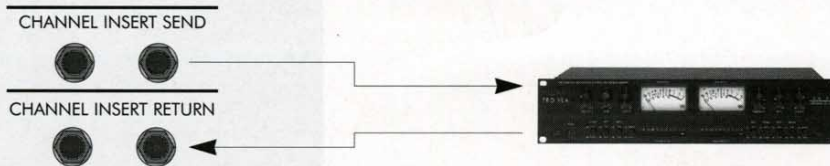
The PRO VLA was designed to excel in areas where transparent, expressively musical dynamics control is desired. In addition to making signal levels more manageable, it is common practice to apply compression or limiting to a signal to make it louder or more "in-your-face". By utilizing opto-electronics, 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 OUTPUT LEVEL
METERING**

**TEN SEGMENT TUBE
CHARACTER LED ARRAY -
DISPLAYS THE OUTPUT
DISTORTION
CHARACTERISTICS OF TUBE
STAGE**

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

**+48 VOLTS PHANTOM
POWER PER CHANNEL**

PHASE REVERSAL SWITCHES

**SINGLE-POLE
(6DB/OCTAVE) VARIABLE
HIGH-PASS FILTERS**

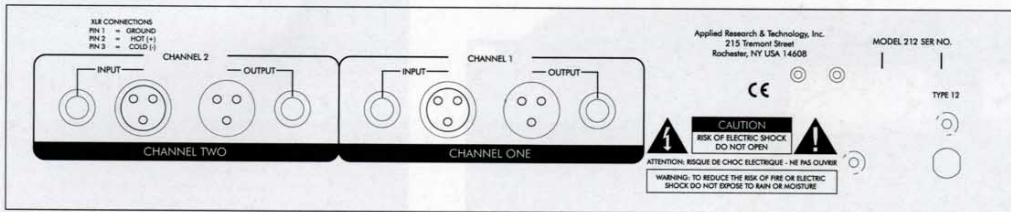
**MASTERING QUALITY
AUDIO PROCESSING**

5 YEAR WARRANTY

**DESIGNED AND
MANUFACTURED IN THE
USA**

PRO VLA

SPECIFICATIONS



SPECIFICATIONS:

Dimensions	19"W X 6.5"D X 3.5"H
Weight	9 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

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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Features and specifications subject to change without prior notice.
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Vox: 716.436.2720, Fax: 716.436.3942, <http://www.artroch.com>

Winner 1997 Electronic
Musician Editor's 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

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