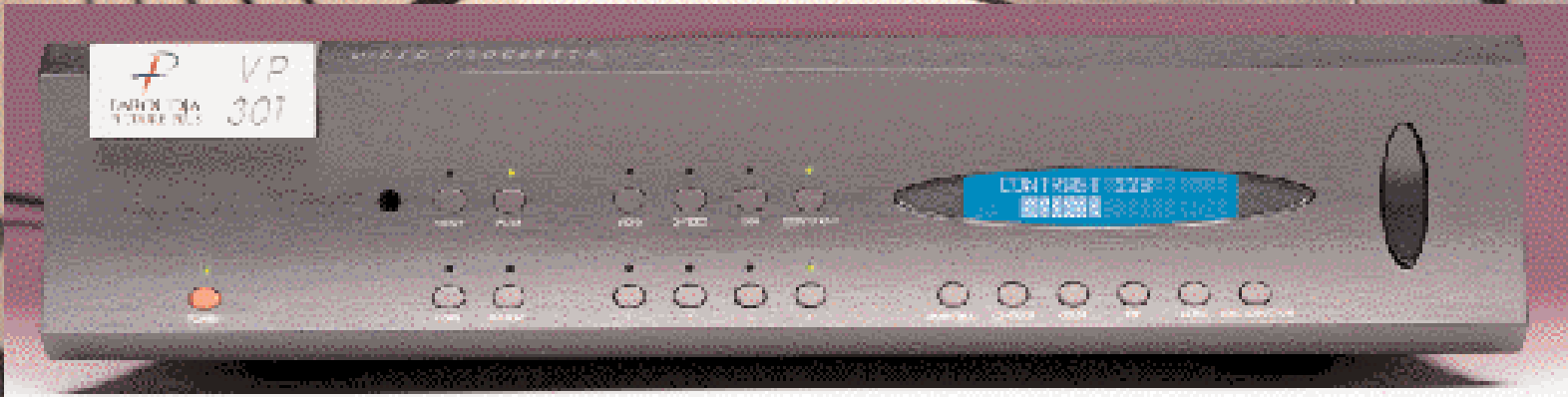


VP301



# FAROU DJA...

for the customer that demands the finest image possible.

Recently, the selection of high scan-rate projectors has expanded, offering additional choices in performance and features. To meet these new opportunities, Faroudja Laboratories, known world wide for producing some of the finest video processing equipment, has developed the **VP301 Line Multiplier**.

Scanning at a horizontal rate of 40kHz (600 visible lines), the VP301 is designed for high performance Graphic-Grade 7" and 8" CRT projectors, where their capabilities require a scan rate higher than line doubling (480 visible lines) but are unable to handle the demands of line quadrupling (960 visible lines).

The VP301 is also an ideal choice for SVGA quality LCD and DLP based projectors requiring an output resolution of 800 X 600. Features include Infrared Remote Control, On-Screen-Display, Digital Frame Capture, 16 Custom Presets, Component Inputs and Compression Filter. The VP301 uses all of Faroudjas Picture Plus™ patented technology to produce the most film-like image possible for the ultimate theater experience.

*"Perfecting Video with a No-Compromise Approach for Reproducing the Ultimate Film Experience"*

*Yves Faroudja*

  
FAROU DJA  
PICTURE PLUS™

# VP301

## LINE MULTIPLIER VIDEO PROCESSOR

Most projectors currently available have an optimum range of frequencies that should be reached to maximize their performance capabilities. The VP301 is the ideal match for the 3-chip DLP and Graphics- Grade 7"- 8"CRT projectors.

Using Picture Plus™ technology, the VP301 handles all of the line, color and detail processing for the projector, yielding superb results with the dramatic impact of film.

### SPECIFICATIONS

#### Inputs (Interlaced)

NTSC Video	1.0 Vp-p Looping
S-Video 3.58	Y/C 3.58 Levels
RGB	0.700 Vp-p
Y, Cr, Cb	Beta/MII Levels
Composite Sync	4.0 Vp-p
Remote Control "D-25"	RS-232 ASCII II

#### Outputs (Progressive)

RGB (600 Visible Lines)	0.7 Vp-p
Horizontal Sync 40kHz	4.0 Vp-p
Vertical Sync 59.94Hz	4.0 Vp-p
Composite Sync	4.0 Vp-p
TTL Signals	"D-15" Connector
Dimensions	17"W X 3.5"H X 21"D
Weight	22 Pounds (9.8Kg)
Power Consumption	100-250 VAC, 50/60Hz 60W, Auto Ranging

Specifications subject to change without notice.

## PICTURE PLUS *is...*

### ■ Superior Color Processing Using:

Adaptive Comb Filters\*  
Chroma Bandwidth Expansion\*

### ■ Superior Detail Processing Using:

Luminance Bandwidth Expansion\*

### ■ Superior Motion Tracking Using

Film/Video Motion Logic\*

\*Patented Technology

#### Features Include:

- **Input Selector:**  
Video, S-Video  
Component Y, Cr, Cb/RGB
- **Brightness**
- **Contrast**
- **Color/Hue**
- **Detail Level**
- **Noise Reduction Level**
- **Digital Freeze Frame**
- **Digital Filter On/Off**
- **Infrared and RS232 Remote Control**
- **Programmable Presets**



750 Palomar Avenue  
Sunnyvale, California 94086  
Tel: 408/735-1492 Fax: 408/735-8571  
Email: sales@faroudja.com Web: www.faroudja.com