

DVP2200 /DVP2220

Digital Video Processor /Scalers



New
Performance
and Flexibility from
Faroudja

27 years of engineering excellence combines into Faroudja's new Digital Video Processors, the DVP2200 and DVP2220 Frame Doubler. They combine two powerful controls, *Scan Rate Scaling* to 480p or 800X600 for NTSC and 576p or Frame Doubling for PAL plus *Internal Aspect Ratio Control* to optimize your projector for truly film-like performance and maximum detail. Multiple Aspect Ratios can now be selected without having to touch the projector while providing the maximum number of lines.

Other key features include:

- 10-bit Broadcast Quality Color Decoding
- Time Base Correction for significant picture improvement of sources such as VHS tapes
- RGB or YPrPb output for use with the new generation of HDTV rear screen TVs
- Inputs for HDTV and Computer signals
- Patented Picture Plus™ circuitry for superior color, motion and detail processing
- Frame doubling to 100Hz for PAL sources (DVP2220)



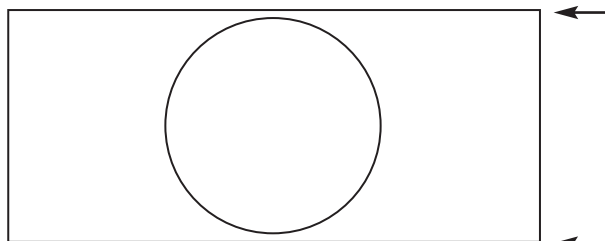
Award Winning Technology



FAROUDJA
PICTURE PLUS™

DVP2200 /DVP2220 Digital Video Processor /Scalers

The DVP2200 and DVP2220 have the unique combination of Aspect Ratio and Scan Rate scaling which offers extensive image control. Now both Letterbox and 4:3 sources benefit from the added scan structure of the Anamorphic setting while the projector stays in just one setting.



**480p or 600p visible lines
for both Letterbox and
Anamorphic sources**

Scan rate scaling allows for optimizing the display. CRT, LCD, DLP or Plasma units all benefit. Scan rates for NTSC are 480p or 800X600 and for PAL are 576p and 800X600.

DVP2220 Frame Doubler: The DVP2220 has an added feature for optimizing PAL video sources called Frame Doubling. This doubles the refresh rate from 50Hz to 100Hz, removing flicker and increasing light output. Inputs for RGB signals are also added.

Both models have 10-Bit color decoding and Time Base Correction to insure top performance with all types of sources.

HDTV and Computer inputs allow for compatibility with current and future high resolution sources. A Smart Remote is provided for full direct access to all controls plus commands for seven other audio and video devices.

The Award winning Patented Picture Plus™ circuitry upconverts signals to high scan rates while removing or preventing typical video artifacts creating images closely matching 35mm film in color, motion and dramatic impact.



Picture Plus™

is

“Perfecting Video with a No-Compromise Approach for Reproducing the Ultimate Film Experience”

Yves Faroudja

- 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

Specifications

Inputs

(NTSC/PAL B,M,N)

Video	RCA (75ohm)
S-Video	DIN (4 pin)
YCrCb	RCA (75ohm)
Computer/HDTV	D15F
RGsB (DVP2220)	RCA (75ohm)
Remote “D9F”	RS-232 ASCII

Outputs

480p/600 (NTSC)	Visible Lines
576p/600 (PAL)	Visible Lines
RGBHV/RGsb/YPrPb	
BNC/D15F >	
Horizontal Sync	31.5KHz/38KHz
Vertical Sync	59.94Hz (NTSC)
	50Hz (PAL)
DVP2220	100Hz (PAL)

Internal Aspect Ratio Control

16:9 Screen:	Anamorphic-Letterbox-4:3
4:3 Screen	Letterbox, 4:3



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Please visit our website at www.faroudja.com