

FAROUDJA

**HD Digital
Video Processor**

DVP1080



The Faroudja DVP1080 HD Digital Video Processor from Meridian is a fundamentally new design, delivering superior, high-bandwidth High Definition processing, optimising today's advanced 1920x1080p digital displays by converting 1080i interlaced HD video to a clean, 1080p progressive format.

For 35 years, Faroudja has been the leader in video processing technology. Faroudja was the first, five years ago, to offer 1080p HD video processing for 9in CRT projectors. Today, that expertise is critical for the next generation of digital displays.

Full High Definition cross-conversion and Standard Definition processing are included, with patented technology for deinterlacing, motion tracking, colour fidelity and image detail enhancement, making the DVP1080 the essential central component of any high-performance theatre. All types of displays benefit from this processing, including plasma, DLP, LCD, DILA and CRT-based devices.

Get the most out of your digital display investment with the DVP1080 video processor from Faroudja, by Meridian.



CELEBRATING
34 YEARS
OF VIDEO EXCELLENCE

www.meridian-audio.com

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FAROUDJA



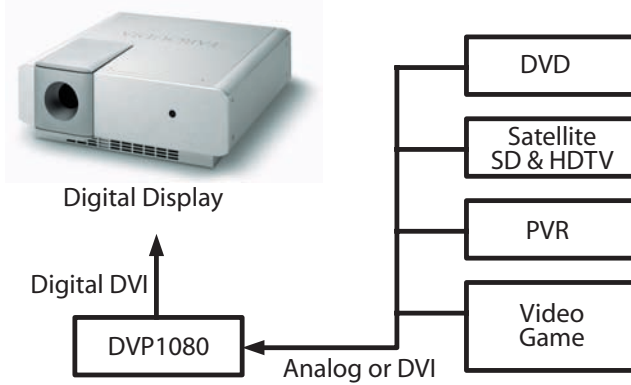
Emmy® Winning Technology

DVP1080HD Digital Video Processor – Key Features

The Digital Connection

Digital projectors and plasmas offer the highest image quality when a DVI or HDMI input is used. By eliminating the analogue and digital conversion in the display, the image exhibits finer detail and fewer digital artifacts. The DVP1080 takes this even further for high definition signals by adding a new HD processing circuit for significantly improved performance.

High Definition Processing



1080i High Definition signals are converted to the selected output rate using Faroudja's patented 3:2 Pull-Down and MADi (Motion Adaptive) Deinterlacing technology. In addition, a high bandwidth HD video processing circuit offers superior 1080i to 1080p conversion.

Adjustable Optimized Output

The DVP1080 offers output resolutions that can be selected or changed as needed. Different scan rates can be stored for multiple display installations.

Each stored scan rate profile recalls 30 different parameters to ensure the output is properly optimised for that resolution. As a result, the DVP1080 will produce the highest quality image with any display and any video source.

Processing

Faroudja has applied its 60 patents and 34 years of experience in perfecting video into designing the DVP1080, to provide the very highest quality images for all displays. Technology for colour, detail and motion processing combine to produce an image of such quality that it could never have been produced simply by using the video circuitry built in to a digital display.

Other features include:

- TruLife® 12 Step Detail Processing
- Motion Adaptive Deinterlacing with patented DCDi® by Faroudja and 3:2 pull-down technology
- Digital DVI and analogue RGBHV/YPrPb Inputs/Outputs
- HDCP Compatible
- Auto-detection of HD, PC or 480i
- Aspect ratio control and image shift adjustments
- Internal test pattern generator
- HDTV/computer pass-through
- Compact single (1U) rack space size
- Infrared and RS232 control

The Meridian Connection

Meridian Audio now holds the exclusive licence from Genesis Microchip to manufacture and distribute Faroudja products, enabling us to offer complete and fully-integrated audio/video systems of the highest quality.



Inputs: Composite Video, S-Video, RGB, YPrPb, HDTV/PC (D15F), DVI

Outputs: RGBHV (BNC & D15F)
YPrPb (BNC & D15F)
DVI (F)

Selectable Resolutions:

800x600	1280x720	1024x768
1366x768	1280x768	1280x1024
1400x1050	1920x1080	
DILA		
1920x540	1440x960	1400x788

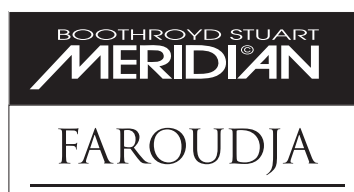
Dimensions: 1.75" H x 17" W x 11.75" D

Weight: 14 lbs / 6.4kg

Power: 100-240VAC 50/60Hz 30.5VA



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