DreamScaler 2

The _DreamScaler 2_ is a powerful scaler with special features that will change your concept of Home-Cinema.

The DreamScaler 2 is a powerful High Definition video processor that brings flexibility and modularity to your home cinema system. It can upscale any standard signal to the highest quality HDTV's standard 1080p. Equipped with twelve separate video inputs and nine audio inputs, the DreamScaler 2 can be configured to route and mix them through a full digital HDMI output or through an analogic video with digital audio.

Not only a HD-processor, the _DreamScaler 2_ is a high-technology genius.

-The Precision Video Scaling II™ technology by Anchor Bay Technologies (ABT) features a 10-bit video processing with an unbelievable sharpness control.
-The motion adaptive video de-interlacing (MADi) uses the latest algorithms as pixel-to-pixel methods, 2:2 or 3:2 pull-down rendering for a smoother and more realistic motion.
-The multi-standard video decoder accepts a large variety of signal inputs up to the most exigent HDTV signals with real-time decryption.
-The unique flexibility of the frame rate conversion is obtained with the dedicated Rightrate™ system.
-The video processing pipelines integrates High Precision 12-bit DACs that can output tube amplifier like signals.
-The new feature Colour Fidelity is powered by the adaptive 2D comb filter and ABT's AutoCUE-C™ system.
-ABT's Precision AV Lipsync™ audio technology supports S/PDIF formatted audio from 24kHz sampling rate up to 192 kHz and compressed audio format like Dolby Digital or DTS.

Key features.

-Advanced routing and multiplexing interface that allow an easier integration of all Audio Video equipments through the DreamScaler 2.
-Unique design with four HDMI inputs, among the twelve available, with digital audio support, DVI-D with HDCP compatibility.
-Custom settings and picture control parameters can be stored in one of the ten available user profiles and simply assigned to any selectable input.
-The native output resolution of 1080p can be changed to any pre-configured standard format and also to a self-defined format for the ultimate performance.
-Advanced calibration tools with 27 integrated test patterns.
-RS232 for automation and software update.
-Optional SDI input that directly routes the original video signal from the MPEG decoder or HD-cam recorder to the digital processor.
-Pass-Through mode, that can be configured on or off for each input via user files.
-Low power consumption.
-Elegant design.

4 HDMI inputs.

With its numerous inputs and output configurations, the DreamScaler 2 suits to every Home-Cinema System

General Specifications

Inputs		
Video	4x HDMI (DVI-D compatible with HDCP)	
	2x S-video (NTSC, PAL or SECAM)	
	2x Composite Video (NTSC, PAL or SECAM)	
	2x Component (RGBs or YPbPr)	
	1x RGBHV/Component (5-BNC connectors)	
	1x SD-SDI (optional)	
Audio	4x HDMI	
	2x Coaxial Digital	
	2x Optical Digital	
	1x Analog stereo L/R	
Outputs		
	1x Digital HDMI (YCbCr or RGB with digital audio)	
	1x Analog Video 5-BNC (RGBHV, YPbPr, RGBs or RGB)	
	1x Coaxial Digital audio	
	1x Optical Digital audio	
Power and Mechanical Charateristics		
Power Consumption	< 30W	
Power Supply	AC100-240V 50/60Hz	
Dimensions (WxHxD)	434x55x263 mm with feet	
	Standard 19" 1U 1.75 Rackmount (optional)	
Net Weight	4.8 kg	

Available options.

S7011030 - SD-SDI input for _DreamScaler 2_.
S7021030 - Precision De-interlacing Card for the ultimate performance with PAL/SECAM and NTSC signals.
S7031030 - Standard 19" 1U 1.75 Rack mount.
S7041030 - Black front panel.

DreamVision®