SUPERIOR *processing* POWER

PROCESSORS

Hybrid ROCK:
Takes the ROCK+ software and incorporates state of the art ROCK PRO hardware.
Economical processing solution.
Up-gradeable to the ROCK PRO or any future TAW series video processor.

ROCK PRO:
Totally re-designed ROCK with superior processing power.
HD scaling capability.
Pixel Perfect pixel based, motion adaptive de-interlacing.
100% TAW owned, software based de-interlacer
No third party chip sets insures algorithm upgrade ability
External field installable inputs when used with the Prelude.
SDI input, DVI output standard, HDSDI input optional.

RUBY:
Combination of the Prelude and ROCK PRO.
Includes HD scaling in one unit for an economical HD scaling solution.

THE SOFTWARE ADVANTAGE

POWER
RUN
IR RECEIVE
BYPASS

Ruby

TAW ®

RUBY video processor specifications

SPECIFICATION	RUBY
# of inputs	7 standard Definition, 2 High Definition , 4080 optional field installable
Inputs	Composite, S-video, Component, SDI, HDTV bypass
HD inputs: Optional	480i, 480p, 576i, 576p, 720p, 1080i Composite, S-video, Component, VGA(RGBHV), HDSDI
Upgrade-able inputs	Yes
Outputs	RGBHV 5 wire progressive, DVI standard
Resolutions	480p – 1536p customizable in 8 pixel horizontal and 2 pixel vertical increments
Vertical refresh rates	48 – 150Hz customizable in 0.1 increments
Picture adjustments	Brightness, Contrast, Saturation, Red saturation, Blue saturation, Sharpness, Gamma, Chroma delay, Noise filters, Film filter, Temporal filter, Pull down settings.
Input aspect ratios	4:3, 16:9 ANA, 16:9 LB, 1.66, 1.85, 2.35, customizable from 1.00 – 3.00 in 0.1 increments
Output aspect ratios	4:3, 16:9 ANA, 16:9 LB, 1.66, 1.85, 2.35, customizable from 1.00 – 3.00 in 0.1 increments
Deinterlace algorithms	Pixel Perfect, judder eliminator – improved judder elimination circuitry
Pull downs	2:2, 3:2, 3:3
Zoom	10% - 500% in 1 percent increments, 13:9, 14:9, 15:9, custom
Position	Vertical in 2 pixel and horizontal in 8 pixel increments. Input H & V sync delays, Overscan, H & V size & Position
Sync polarity	+/+, +/-, -/+, -/-
Size controls	Vertical in 2 pixel and horizontal in 8 pixel increments
Advanced timings	Sync adjustments, front, back, top, bottom porch, and DOT clock
Chroma delay	Horizontal and vertical chroma shift
Filters	Temporal, Horizontal & Vertical
Test screens	Focus, resolution, geometry, color bars, white & black pluge, phase & tracking
OSD	Color, position, size, time out, lock out controls
On – Off	Power on/off with RS232 & IR control
Firmware	Field upgrade-able over the internet
Remote	Learning remote able to control up to four devices
RS232	Crestron capable, two way control
Status	LED's, standby, Run, IR receive, Bypass mode
Power	110V/220V 50/60 Hz switched on back of unit
Input formats	NTSC, PAL (auto detect), Japan 60, SECAM, PAL N, M
Wattage	75W
Mechanical	100% Black anodized aluminum. Rack mounting ears optional
Shipping weight	22lbs
Manuals	Setup manual included, operations manual on Internet
Optional Accessories	Detail Enhancement hardware, Prelude I/O Rack system

TAW, Changing the way America buys home theater. ®