Digital PERFORMANCE

CRT smoothness.

Three Chip DLP* design

9" CRT performance and smoothness when matched with TAW series video processor.

Point Convergence

RGB white/black level controls in 10 IRE increments insure perfect gray scale tracking.

Super quiet (less than 30 db)

Light weight - 45 lbs.

Small (21" X 17" X 12.5")

DVI input standard.

Auto On/Off with video signal.

Optional HDSDI, RGBHV inputs.

Ethernet port to control projector from a TAW series video processor. (No IR control needed)

1280 X 720P resolution upgradable to 1920 X 1080P when available.

Firmware auto-upgrades from ROCK processor via Ethernet port.

Six interchangeable lens options from .64 ~ 5.6 times screen width.

SETTING THE STANDARD



REVOLUTION

TAW®

* DLP is a registered trademark of Texas Instruments.

Revolution 3 chip DLP projector specifications

SPECIFICATION	Revolution
Projector Type	3) 1280 X 720P HD2+ DLP (no color wheel)
Inputs	1 DVI standard. Optional HDSDI, RGBHV (optional inputs available H1 05) Ethernet T10, RS232C for bi-directional control
Brightness	1800 ANSI Lumens White level .6 ANSI Lumens black level
Brightness Uniformity	90%
Zoom & Focus	motorized via back toggle switch and/or Ethernet port from ROCK PRO
Sound	Less than 30 dB quiet at 1 meter.
Vertical refresh rates	48 – 75Hz
Available lenses	0.64 (80-150" screen) Fixed wide angle no zoom . +/- 5% H or V shift. 1.2 ~1.44 (60-250" screen) Short zoom 1.44~1.8 (60-250" screen) Standard 1.8~2.4 (60-300" screen) Medium zoom 2.4~3.6 (60-250" screen) Long Zoom 3.6-5.6 (60-250" screen) Super long zoom
Lens shift	Vertical +120-50% from mid screen – Motorized Horizontal +/- 20% from mid screen - Motorized
Output aspect ratio	16:9
Control	Ethernet T10 controlled via ROCK processor, No IR needed
Special features	Colorimetry in 10 IRE windows from 0-100 IRE over Ethernet Point convergence to eliminate color fringing due to optical and mechanical variables over Ethernet Firmware auto updates when ROCK detects older version via Ethernet connection over Ethernet.
Picture adjustments	Brightness in 256 increments, Contrast in 256 increments Gamma, Saturation, Red saturation & blue saturation in 128 increments
Status Indicators	Firmware version, last update, On/Off/standby/cool down, Bulb timer, Chassis temperature, Bulb temperature, Warning of bulb life, communications, over temp, additional can be added via Ethernet connection.
OSD	On Screen display works via ROCK remote.
Projector LEDs	On / Off / Cool-down / standby, Fault, Bulb, Temp
Temperature	45 – 90 degrees F, 90% relative Humidity. Operating, -20 to 40 deg. C storage
Scaling	No on board scaler, uses TAW video processors for superior picture quality
Power	96-240 VAC, 50/60 Hz. 450 watts max.
Mount	Table top standard, ceiling plate optional +/- 15% tilt, +/- 5 % skew.
IR control	None, unit auto detects ROCK and turns on when video is present
On – Off	Via ROCK or video present. Turn off delay adjustable from 0-150 minutes.
Firmware	Field upgrade-able over the internet via Ethernet port
RS232	Crestron capable, bi-directional
Picture orientation	Controlled via Ethernet Front table, front ceiling, back table, back ceiling
Power	110V/220V 50/60 Hz auto detecting world supply
Mechanical & Dims	Aluminum and acrylic case design, 21"L by 12.5" H by 17" wide
Weight	35 lbs.
Manuals	Operation manual included
Optional Accessories	RGBHV /HDSDI input card (available H1 05)

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TAW, Changing the way America buys home theater.

(407) 996-3836 tel. (407) 996-3837 fax. www.taw.biz www.tawforum.com