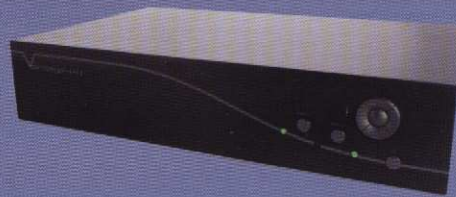


Unrivalled flexibility and image clarity

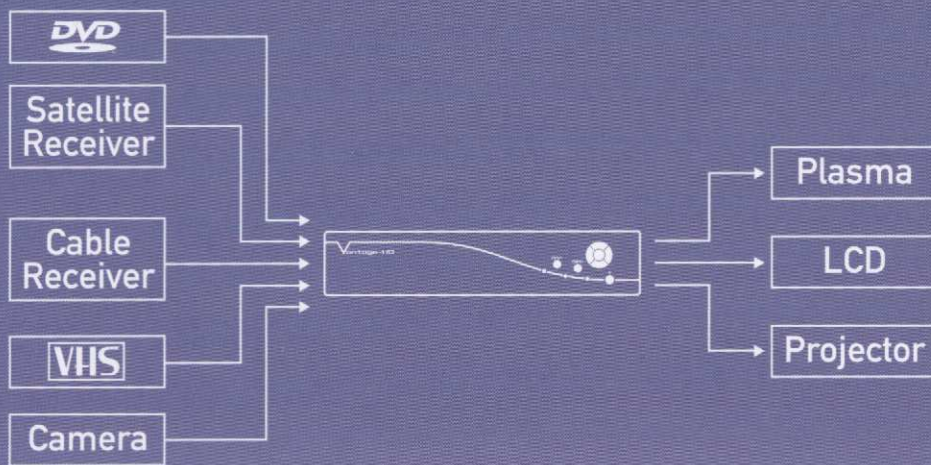
Temporal recursive and brickwall filters clean up undesirable image noise from sources such as film grain, electronic and random noise and compression during transmission or recording. Color transient improvement enhances color definition providing a natural, life-like image even from SD NTSC sources. Temporal noise reduction features operate on HD and SD video formats.

For projection use, market-leading keystone correction is provided with unrivalled flexibility and image clarity.

Vantage-HD's state of the art image warping engine allows drag-and-drop corner manipulation to easily correct for extreme off-center projection angles of up to +/-40 degrees horizontally and +/-30 degrees vertically.



Connecting your Vantage-HD



Vantage-HD has special processing features suited to many types of display device, its powerful temporal noise reduction algorithms significantly clean up the inherent noise and grayscale irregularities in plasma displays. The level of improvement in your home theatre viewing experience when using **Vantage-HD** with a plasma screen is simply awesome. **Vantage-HD** gives even budget plasmas a major image makeover.

Large-screen LCDs also benefit from Vantage-HD's immense image processing capabilities and powerful algorithms.

These different processing modes are user-selectable from the OSD, so if you change from a plasma to an LCD there is no need to purchase a different model of **Vantage-HD**.

Vantage-HD is not just an image scaler, it is also the switcher at the heart of your home theatre system. It

features a very flexible range of inputs and outputs able to switch between different audio-visual sources without the need for a separate switcher.

The base input configuration is 2x HDMI with support for up to 8 channel digital audio, HDCP capability and backwards compatibility with DVI, 2x composite video and 2x S-Video for NTSC, PAL or SECAM sources, 2x component analog video for YPbPr or RGBS SD, ED or HD signals compatible with 480i(NTSC), 576i (PAL/SECAM), 480p, 576p, 720p and 1080i signals as well as 1080psf.

An optional expansion module can be fitted, two types are available. One adds two further HDMI inputs, the other adds a true broadcast grade HD-SDI serial digital input channel for connection to professional video sources. These modules can be fitted by a technically competent user or by your home theatre installer.

MPEG SPECIAL POINT OF INTEREST

DVD and digital cable/satellite programming is plagued by MPEG compression artifacts. Vantage-HD provides real-time MPEG artifact and block-noise reduction while leaving picture detail intact.

- Per-pixel multi-angle, aperture-adjusted, motion-adaptive de-interlacing for SD and HD out performs all competitor algorithms
- Film modes automatically adjust to 3:2, 2:2 and non-standard pull-down sequences
- Optional HD-SDI input expansion module
- Plasma, LCD and projector display image enhancement and noise reduction
- Extreme-angle projection keystone correction
- Powerful chroma artifact removal algorithms
- Uses Silicon Optix' acclaimed Realta HQV™ chipset

Vantage-HD's switching capabilities can easily be integrated into your home theatre. A simple to navigate on-screen menu can be controlled by infra-red remote control or by an RS232 serial link for use with third-party home theatre control systems. There are also front panel controls for that day when you simply cannot find where you put the remote!

