

# QuadScan Elite HD

## High-Definition Video Processor

### About QuadScan Elite HD

Thank you for purchasing the Focus Enhancements QuadScan Elite HD Video Processor. QuadScan Elite HD is a cost-effective high-resolution video processor for high definition display devices which provides video enhancement previously found only in systems costing over \$10,000.

Functioning as a video scaler, QuadScan Elite HD enables output from 852x480 to 1365x1024 to support popular Plasma Panels, D-ILA projectors and HD display devices. Controls are accessible via RS232/422, infrared remote control, or backlit control panel. The QuadScan Elite HD also provides for any combination of source, display, and screen operation with storage of parameters, image positioning, and range reference on color control.

QuadScan Elite HD eliminates visible scan lines and flicker from standard video. The resulting picture, with its improved detail and color quality, is ideally suited for professional presentation and home theater applications. QuadScan Elite HD accepts interlaced composite (NTSC/PAL), Y/C (S-VHS), and component (YPbPr) video signals. Output is flicker-free, progressive video.

### User's Guide Addendum

Included with your QuadScan Elite HD is the QuadScan Elite User's Guide. The following changes apply for the QuadScan Elite HD:

#### Output Resolutions

QuadScan Elite HD has the following output resolutions:

XGA	For use with 1024x768 display devices.
D-ILA	For use with 1365x1024 display devices such as D-ILA projectors.
480P	For use with 852/853x480 progressive display devices such as Plasma panels.
720P	For use with HDTV display devices such as HD monitors, widescreen DLP and LCD projectors or Plasma panels.
1024L	For use with 1024x1024 display devices such as Plasma panels.
768L (P)	For use with 1280x768 or 1366x768 display devices such as plasma panels that require a positive sync. (FACTORY DEFAULT)
768L (N)	For use with 1280x768 or 1366x768 display devices such as plasma panels that require a negative sync.

These choices replace those that are listed in the QuadScan Elite User's Guide under section "1.2.3 Output Resolutions" and "2.8.1 Display Device Configuration".

### **Output Aspect Ratio**

QuadScan Elite HD has the following output aspect ratios:

XGA	4:3 and 16:9
D-ILA	4:3 and 16:9
480P	16:9 only
720P	16:9 only
1024L	16:9 only
768L (P)	16:9 only
768L (N)	16:9 only

In the "16:9 only" resolutions listed above, selecting 4:3 in the aspect ratio control will not change the setting from 16:9. 16:9 is the factory default for "16:9 only" resolutions and 4:3 is the default for "4:3 and 16:9 only" resolutions listed above. The choice "4:3" replaces 4:3A, 4:3B, and 4:3C, and "16:9" replaces 16:9A, 16:9B, and 16:9C. These choices replace those that are listed in the QuadScan Elite User's Guide under section "2.3 Output Screen Aspect Ratio".

### **Output Low Pass Filter**

The Output Low Pass Filter on QuadScan Elite HD has been removed. The selector switch on the rear panel is not operable. The section of the QuadScan Elite User's Guide under "2.15 Output Filter Select" is not applicable for this model.