

# DENON

## Handy Hint



DCDi® by Faroudja represents a suite of video enhancement technologies that produce exceptional image quality without introducing artifacts.

The DCDi® processing allows you to input conventional analogue video signal from any source such as a set top box or DVD player and have converted from an interlaced signal to a progressive signal and then increase the resolution up to 1080p to match the resolution of a HD panel or display

### **Directional Correlational De-interlacing (DCDi)**

Faroudja developed DCDi® (Directional Correlational De-interlacing) technology to eliminate the jaggedness that conventional up converters introduced to diagonal edges in video.

DCDi's unique algorithm identifies all the moving edges in a scene and adjusts the angle of interpolation at each pixel so that the interpolation always follows the edge instead of crossing it, eliminating stair-casing or jagged edge artifacts.

This technology, in combination with its decoding, de-interlacing and enhancement technologies, won an Emmy Award from National Academy of Television Arts and Sciences in 2001.