



# VE10

## Progressive Video Output Card

Sales information

July 2002

- **480P Progressive video output for Meridian's 800 DVD player**
- **Based on Emmy Award winning DCDi™ technology by Faroudja**
- **Output on Component video**
- **User controls for Sharpness and Gamma**

### Background

The 800 DVD player from Meridian has received equally high praise for the unparalleled quality of its video as it has for its world-beating audio performance. The Composite, S, and Component video outputs featured on the VE00 card (as part of the modular player's standard configuration) have provided a reference for reviewers, installers and other manufacturers alike for many years and today the 800 still earns the highest accolades for its picture quality.

Meridian achieve this impressive level of video performance using an interlaced video output and for those who wanted more we have advocated the use of external video processors. Now, however, Meridian are ready to take 800's video performance to a new level and for the first time offer a Progressive Video Output from their Reference DVD Machine.

### What does progressive video mean for the user?

Provided you have an appropriate display device you can now use 800 without an external line doubler. The picture from our progressive video output is smoother with fewer vertical scan lines and gives the viewer an impression of greater vertical resolution. The VE10 exhibits astonishing picture quality.

### VE10 Progressive Video Output Card

Using the DCDi technology from Faroudja, Meridian's VE10 produces the highest quality progressive video from the interlaced video found on DVDs. Per-pixel motion-adaptive deinterlacing results in the highest resolution picture while suppressing motion artefacts.

The VE10 uses extremely high quality conversion and studio-grade, high bandwidth, low noise analogue video circuits in a skilfully designed 6-layer PCB. This, combined with the 800's legendary low noise picture decoding, presents a progressive output that sets new standards.

When fitted with a VE10, the 800 provides user setup of Sharpness and Gamma.

### Technical Specification

- Outputs:** 1 x Progressive (480P) Component video (Y, Cr, Cb,) output on 3 BNC connectors.
- DSP:** Sage Faroudja Deinterlacer, Analogue Devices 11-bit 54MHz oversampling DAC.
- Controls:** User controls for Sharpness and Gamma.
- Card size:** 4U.
- NOTE:** VE10 requires VE00 to be installed in order to function.

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