

SOUND & VISION®

from test report on the V Inc. Bravo D1 DVD player in the May 2003 **S&V**.
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in the lab

DVD VIDEO PERFORMANCE

Measurements made from a variety of DVD test discs. Unless otherwise stated, data are for the composite-video output.

Maximum-white level error+10 IRE

Differential gain, phase1%, 0°

Horizontal luminance response

(re level at 1 MHz)

4 MHz-1.72 dB

Perhaps because it was a preproduction sample, there were various problems with the Bravo D1's analog video outputs. This can be seen in the large maximum-white level error (which is automatically adjusted for in many, but not all, TVs). This error also creeps into the component-output measurements. The rolloff in the luminance response got *much* worse with the 480p analog component output, leading to a

5 MHz-2.85 dB

6 MHz-3.61 dB

6.75 MHz-4.44 dB

Onscreen horizontal resolution540 lines

In-player letterboxinggood

Component-output level error (interlaced)
(Y/P_r/P_b)+6.5/+17.5/+15.7%

Component-output timing error (interlaced)
(P_r/P_b)-4/-6 nanoseconds

distinctly soft picture. There were also picture-geometry and centering issues in the analog outputs. CD performance through the analog audio outputs was only mediocre, with noise levels some 8 dB worse than a theoretically perfect player. Until we've heard that these issues have been corrected in production units, buy the D1 only for its digital outputs, which provide excellent performance. — D.R.