

ABSTRACT**A METHOD AND APPARATUS FOR CAPTURING AND RECORDING
AUDIO AND VIDEO DATA ON OPTICAL STORAGE MEDIA**

The present invention is a digital audio and video recorder that captures audio and video data in real time, replays and records on Compact Disc CD Read or Read Write optical storage media on the fly. The system architecture of isolating high frequency video components minimizes noise and outputs MPEG compliant signals. By interfacing the present invention with an audio drive that accepts streaming data, the present invention not only captures and replays video in real time without a host processor, but also records audio and video streams on optical storage media without the need for buffer management overhead. As such, a consumer digital audio and video recorder is realized.

Figure 3.