## Abstract

**Device for reading from or writing to optical recording media**

The present invention relates to a device for reading from or writing to optical recording media, which uses the "Differential Phase Detection Method" for tracking. This method has deficiencies if optical recording media (4) having different pit depths are to be used. The object of the present invention is to propose a device of this type which can also be used with the said optical recording media (4). This object is achieved by virtue of the fact that delay elements (7, 8, 9, 10) are arranged between the photodetector (5) and the phase detector (14). The device according to the invention is used as a playback or recording device for optical recording media such as, for example, CD, CD-ROM, CD-I, CD-R, DVD, DVD-ROM, DVD-R, etc.

Fig. 1