Device for reading from or writing to optical recording media

Abstract

The present invention relates to a device for reading from and/or writing to an optical recording medium (1), which has a data track (20) having a first area (24), which is provided for markings (25) arranged centred with respect to the centre (26) of the data track (20), and at least one further area (27, 27', 27"), which is provided for markings (25) arranged laterally offset with regard to the centre (26) of the data track (20). Corresponding devices have detection means (5), track error detector (7), signal shaping means (8), and correction signal generation means (15). The object of the present invention is to propose a device of the generic type in which an accurate correction signal (KORR) for the track error signal (TE) can be obtained without a high outlay, and also a method for generating a corresponding correction signal (KORR). This object is achieved according to the invention by the fact that the signal shaping means (8) has an averaging unit (13), whose output is connected to an input of the correction signal generation means (15). The invention can be employed preferably in CD players, CD recorders, DVD reproduction and recording devices and the like.

Figure 1