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ABSTRACT

The present invention relates to loop gain adjustment of a focus/tracking servo in an optical disk apparatus, and provides an optical disk apparatus which can make the loop gain adjustment converge normally even in an optical disk in which prerecorded areas and recorded areas are mixed, and further which always has a stable servo system even when a gain is significantly varied due to changes in the disk state.

When an inserted optical disk is determined to be a recordable optical disk by an optical disk type determination means 22, an optical pickup 1 is made seek a previously set area, thereby performing the loop gain adjustment. Further, when a gain is varied during the operation, a gain adjusting means 10 changes over a gain adjustment value.