

OPTICAL OUTPUT ADJUSTMENT APPARATUS AND OPTICAL OUTPUT ADJUSTMENT METHOD

ABSTRACT

A reproducing laser output can be adjusted to an optimal level. To this end, a magneto-optical disk device 1 comprises a differential amplifier 23 and a shortest recording mark identifier 33 which detect a shortest recording mark reproducing signal corresponding to a component of a shortest recording mark in a reproducing signal obtained by reproducing a magneto-optical disk 100, an envelope detector 33 which detects an amplitude level of the shortest recording mark reproducing signal, a comparator 35 which compares the amplitude level with a reference voltage outputted from the reference voltage source 34, and a drive control section 30 which adjusts the reproducing laser beam to an output level at which the amplitude level is equal to or higher than the reference voltage, based on a comparison result from the comparator 35.

Fig. 4