



ABSTRACT

At spin-up of an optical disk 3, gain adjustment and offset adjustment are performed on a servo error signal to obtain a first gain adjustment value and a first offset adjustment value. Based on the first gain adjustment value, a CPU 11 obtains a second gain adjustment value and a second offset adjustment value at data writing on the optical disk 3, and stores them in a storage means 7. When the reading state of the optical disk 3 shifts to the writing operation, the CPU 11 controls a laser power switching circuit 12 to change the output from an optical pickup 1 and, simultaneously, reads the second offset adjustment value and gain adjustment value stored in the storage means 7 and sets them in an offset adjustment unit 5 and a gain adjustment unit 8, respectively.