

ABSTRACT

With an optical disc device for reproducing information from discs,
5 having a recording density different from one another, by means of laser light
beams, each having a wavelength different from one another,
a provision is put in place to prevent data stored on a CD-R disc from being
damaged by irradiating short wavelength laser beam.

A method for identifying discs disclosed by the present invention is
10 to find out whether or not a disc in question is CD-R and the like by irradiat-
ing long wavelength laser light on the disc while the rotation of the disc being
suspended, and otherwise to find out whether or not a disc is DVD and the
like by irradiating short wavelength laser light on the disc. Shifting a fo-
cusing lens 10 in the light irradiating axis direction of laser light by means of
15 an actuator 9 generates a focus error signal and an all light amount sum sig-
nal, the amplitudes of which enable the identification of discs.



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