DISC ACCOMMODATING ADAPTOR AND A METHOD AND APPARATUS FOR DRIVING THE SAME

ABSTRACT OF THE DISCLOSURE

An adaptor includes a sensor hole to be open/closed, and a method and an apparatus drive the adaptor. The adaptor includes at least one sensor hole determining the size of a disc received in an adaptor body which is received via a disc holder. The disc holder includes an elastic press extended therefrom and elastically support the disc, preventing a movement of the disc until the disc holder is inserted into the adaptor body. Further, a release is disposed on the adaptor body to release the disc from the elastic press when the disc holder is inserted into the adaptor body. A method for driving the adaptor includes determining whether the sensor hole is open; and determining the type of device inserted into a disc drive. The type of drive inserted into the disc drive is determined by the adaptor accommodating an 8-cm disc when the sensor hole is open, while a cartridge accommodates a 12-cm disc when the sensor hole is closed. An apparatus for driving the adaptor includes a sensing switch to be selectively inserted into the sensor hole of the inserted adaptor to be turned on/off and transmit the corresponding signal regarding the open/closed state of the sensor hole to a microcomputer.

Figure 2

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