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A multidisk changer

Abstract

The present invention relates to a multidisk changer, which can be installed in a common CD-player, CD-ROM, LD-player or Video-CD player, comprising: a disk box, a curved slot plate, a disk selector, an optical pick-up, a linear slot plate, a box holder and a bottom plate. A plurality of disk trays can be placed in the disk box to store CD disks. Through the accommodation of the configurations of the curved slots of the curved slot plate and those of the linear slot of the linear slot plate, the disk selector and optical pick-up can be driven simultaneously by a disk selection motor to move sequentially to accomplish two actions: "disk selection" and "the up-and-down motion of the optical pick-up". In the meantime, to make use of a disk loading motor to accomplish the action of "disk loading and unloading". Since the present invention uses only two drive motors, it has the advantages of lower number of components used, lower cost, lower energy consumption, being simpler in design and easier in manufacturing.

FIGURE 1