

ABSTRACT

An optical disk recording and reproduction apparatus and a method of driving the optical disk recording and reproduction apparatus are provided which are capable of avoiding picking up of sled motor operation sound while a recording operation is being performed while utilizing high-speed accessibility of an optical disk..

The optical disk recording and reproduction apparatus (video camera) of the present invention has, as sled movement speeds of an optical pick-up, a first sled movement speed setting value for a reproduction mode, a second sled movement speed setting value for a recording mode, and a third sled movement speed setting value for a transfer mode. A sled movement speed setting value corresponding to an operation mode is selected. The second sled movement speed setting value for a recording mode is set lower than the first sled movement speed setting value for a reproduction mode, and the third sled movement speed setting value for a transfer mode is set higher than the first sled movement speed for a reproduction mode.