

Abstract

To improve user-friendliness in recording AV data created after recording is started until it is stopped as a file. AV data that are created after recording is started until it is stopped are recorded as a file. Information that represents a reproduction region and mark information that represents a jump position are additionally written to a reproduction list file. At this point, it is determined whether or not restrictions that have been set to the reproduction list file and an attribute file for additional writing are satisfied on the basis of the reproduction list file as an additionally writable candidate and the attribute file that correlates reproduction time and address of the AV data. When having been determined that they be satisfied, the reproduction region information and the mark information are additionally written to the reproduction list file as the additionally writable candidate. When having been determined that they be not satisfied, a new reproduction list file is created. As a result, the user can perform a recording operation for the AV data without necessity of recognizing the restrictions that have been set to the reproduction list file and the attribute file.