ABSTRACT

A large-capacity optical disk (M) on which a plurality of system streams containing mutually-interleaved moving picture data and audio data are recorded. The system streams (VOB) are smoothly connected to each other. In each system stream (VOB) recorded on the disk (M), the STC which is referred to by signal processing decoders (3801, 3100, and 3200) in decoding the first system stream and the STC which is referred to by the signal processing decoders (3801, 3100, 3200) in decoding the second system stream which is successively reproduced after the first system stream are switched to each other. A reproducing device (DCD) for reproducing the data from the disk (M) is also disclosed.