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ABSTRACT

To reduce the amount of operation in a filter circuit when recording and reproducing signals at sampling frequencies that vary from channel to channel, in reproduction by using multiple speakers of DVD audio.

Upsampling information detection means 6 are provided for obtaining upsampling information indicating whether or not a sample is a sample before upsampling performed by the upsampling means 2a and 2b, an upsampled signal is filtered by a half band filter circuit 3, the filtered signal is subjected to Lossless compression, and the Lossless-compressed data is recorded on a recording medium 8.

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